REPORT

2025 Semi-Annual Groundwater Monitoring and Corrective Action Report

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

Submitted to:

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Summary

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

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



Plant Scherer Cell 1 and PAC Ash Cell

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

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

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

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

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

Cell 1 Appendix I and III Constituents	**February and April 2025**
Barium	GWC-4
Calcium	GWC-4, GWC-7, GWC-9, and GWC-19, and GWC-20
Chloride	GWC-4
Chromium	GWC-7
Selenium	GWC-4
Sulfate	GWC-3, GWC-4, GWC-6, and GWC-9
Total Dissolved Solids (TDS)	GWC-4
PAC Ash Cell Appendix I and III Constituents	**February 2025**
Sulfate	GWC-53

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

Table of Contents

1.0 INTRODUCTION 1
1.1 Site Description and Background 1
1.2 Regional and Site Geology and Hydrogeologic Setting 1
1.3 Groundwater Monitoring Well Network 2
2.0 DETECTION MONITORING ACTIVITIES 2
2.1 Monitoring Well Installation and Maintenance 3
2.2 Detection Groundwater Monitoring 3
2.3 Surface Water Monitoring 3
2.4 Effluent Monitoring 3
2.5 Additional Sampling 4
3.0 SAMPLE METHODOLOGY AND ANALYSIS 4
3.1 Groundwater Level Measurements 4
3.2 Groundwater Gradient and Flow Velocity 4
3.3 Groundwater Sampling 4
3.4 Surface Water Sampling 5
3.5 Effluent Sampling 5
3.6 Laboratory Analyses 6
3.7 Quality Assurance and Quality Control 6
4.0 STATISTICAL ANALYSES 6
4.1 Statistical Methods 6
4.2 Statistical Analysis Results 7
4.2.1 February and April 2025 Statistical Analysis Results 7
5.0 ALTERNATE SOURCE DEMONSTRATIONS 8
6.0 MONITORING PROGRAM STATUS 9
7.0 CONCLUSIONS 10
8.0 REFERENCES 10

Tables

Table 1: Summary of Detection Monitoring Well Construction Data
Table 2: Groundwater Event Summary
Table 3: Summary of Groundwater Elevations
Table 4: Groundwater Flow Velocity Calculations - February 2025
Table 5A: Groundwater Analytical Data Summary – Gypsum Cell 1 Wells – February and April 2025
Table 5B: Groundwater Analytical Data Summary – Powdered Activated Carbon (PAC) Ash Cell Wells – February 2025
Table 5C: Groundwater Analytical Data Summary – Cell 3 Wells - February 2025
Table 5D: Surface Water Analytical Data Summary – February 2025

Figures

Figure 1: Site Location Map
Figure 2: Site Plan, Monitoring Well and Piezometer Location Map
Figure 3A: Potentiometric Surface Map - PAC Ash Cell – February 18, 2025
Figure 3B: Potentiometric Surface Map - Cell 1 – February 18, 2025

Appendices

Appendix A: Field Data Forms and Instrument Calibration Forms
Appendix B: Analytical Results, Data Validation Summaries, and Laboratory Accreditation
Appendix C: Well Condition Assessment Forms and Well Maintenance and Repair Documentation Memorandum
Appendix D: Historical Surface Water Monitoring Data
Appendix E: Statistical Analyses
Appendix F: Alternate Source Demonstration

Certification Statement

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

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

WSP USA Inc.

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1.0 INTRODUCTION

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

1.1 Site Description and Background

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

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

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

1.2 Regional and Site Geology and Hydrogeologic Setting

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

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

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

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

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

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

1.3 Groundwater Monitoring Well Network

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

2.0 DETECTION MONITORING ACTIVITIES

The following subsections describe monitoring-related activities performed during the semi-annual event conducted in February 2025 as well as verification resampling of selected Cell 1 wells in April 2025. During the first semi-annual monitoring period, WSP collected groundwater, surface water and effluent samples between February 17 and 26, 2025. A verification resampling event for analysis of select constituents in several Cell 1 monitoring wells (GWC-3, GWC-4, GWC-6, GWC-9,and GWC-19) was conducted on April 22 and 23, 2025. Table 2 presents the status of the monitoring well network for each unit. Tables 5A through 5C present analytical results collected between February 17 and April 22-23, 2025.

Groundwater monitoring activities for wells near Cell 3, which is under construction, have been limited to semi-annual water level measurements and sampling to establish background groundwater quality data. During the February 2025 event, samples from sixteen (16) monitoring wells (GWA-39 through GWA-44A, GWA-54 and GWC-30 through GWC-38) were collected for analysis of the permit-specified semi-annual monitoring parameters as well as Appendix III and Appendix IV monitoring parameters per 40 CFR Parts 257 and 261. Analytical data for Cell 3 are provided in Appendix B and in Table 5C.

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

2.1 Monitoring Well Installation and Maintenance

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

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

2.2 Detection Groundwater Monitoring

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

2.3 Surface Water Monitoring

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

2.4 Effluent Monitoring

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

2.5 Additional Sampling

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

3.0 SAMPLE METHODOLOGY AND ANALYSIS

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

3.1 Groundwater Level Measurements

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

3.2 Groundwater Gradient and Flow Velocity

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

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

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

Where:

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

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

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

$n_e =$ Effective porosity

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

As presented in Table 4, groundwater flow velocity at the Site ranges from approximately 0.12 to 0.39 feet/day (approximately 42 to 141 feet/year) in February 2025 across Cell 1 and PAC Ash Cell. These calculated groundwater velocities across the Site are consistent with historical calculations.

3.3 Groundwater Sampling

Groundwater samples were collected from Site detection monitoring wells in February 2025. A verification sampling was conducted in April 2025 for several monitoring wells for select constituents. Results from the semi-

annual sampling event in February 2025 and verification sampling in April 2025 are presented in Tables 5A through 5C. This includes the routine detection sampling at Cell 1 and PAC Ash Cell wells and background sampling at Cell 3 wells.

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

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

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

3.4 Surface Water Sampling

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

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

3.5 Effluent Sampling

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

3.6 Laboratory Analyses

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

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

3.7 Quality Assurance and Quality Control

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

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

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

4.0 STATISTICAL ANALYSES

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

4.1 Statistical Methods

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

Groundwater quality data for Cell 1 were evaluated using a combination of interwell and intrawell prediction limits for required parameters. Intrawell methods utilize historical data from within a given well to establish a statistical

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

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

4.2 Statistical Analysis Results

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

4.2.1 February and April 2025 Statistical Analysis Results

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

February and April 2025 Statistically Significant Increase Summary

Well	Parameter	Concentration (mg/L) February / April 2025[1]	Intrawell Upper Prediction Limit (mg/L)	Interwell Upper Prediction Limit (mg/L)
Cell 1				
GWC-3	Sulfate	20 / 18	1.1	3.6
GWC-4	Barium	0.15 / 0.19	0.05318	0.051
GWC-4	Selenium	0.0076 / 0.0091	0.005	0.005
GWC-4	Calcium	46 / 60	17.6	15
GWC-4	Chloride	28 / 45	16.42	7.2
GWC-4	Sulfate	150 / 180	6.288	3.6
GWC-4	TDS	350 / 470	178.1	136.9

Well	Parameter	Concentration (mg/L) February / April 2025[1]	Intrawell Upper Prediction Limit (mg/L)	Interwell Upper Prediction Limit (mg/L)
GWC-6	Sulfate	30 / 38	22.26	3.6
GWC-7	Chromium	0.024	0.02	0.012
GWC-7	Calcium	19	17.69	15
GWC-9	Calcium	34	23	15
GWC-9	Sulfate	19	18.9	3.6
GWC-19	Calcium	18 / 20	15.99	15
GWC-20	Calcium	18	17.52	15
PAC Ash Cell				
GWC-53	Sulfate	190	189.3	180

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

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

5.0 ALTERNATE SOURCE DEMONSTRATIONS

In response to the July-August and November 2024 SSIs of barium, calcium, chloride, chromium, sulfate, and TDS at various wells downgradient of Cell 1, an ASD was submitted on May 1, 2025 following the options of 40 CFR § 257.95 and 391-3-4-.10(6) and is included in Appendix F. The ASD concluded that the statistical exceedances above background identified following the July-August and November 2024 monitoring/resampling events are the result of natural variability in groundwater chemistry. The SSIs reported for the February and April 2025 monitoring/resampling events (barium, calcium, chloride, chromium, selenium, sulfate, and TDS) will be addressed in a forthcoming ASD under separate cover.

PREVIOUS SITE SOURCE DEMONSTRATIONS

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

Alternate Source Demonstration	Constituent	Well
Alternate Source Demonstration Plant Scherer Cell 1 and PAC Ash Cell Permit No. 102.009D(CCR), 2024 First Semi-Annual Event, November 22, 2024	Barium	GWC-4
	Calcium	GWC-4
	Calcium	GWC-7
	Calcium	GWC-8A[1]
	Calcium	GWC-19
	Calcium	GWC-20
	Chloride	GWC-4
	Sulfate	GWC-4
	Sulfate	GWC-6
	Sulfate	GWC-10
	TDS	GWC-4
Alternate Source Demonstration Plant Scherer Cell 1 and PAC Ash Cell Permit No. 102.009D(CCR), 2024 Second Semi-Annual Event, May 1, 2025	Barium	GWC-4
	Calcium	GWC-4
	Calcium	GWC-7
	Calcium	GWC-9
	Calcium	GWC-19
	Calcium	GWC-20
	Chloride	GWC-4
	Chromium	GWC-7
	Sulfate	GWC-3
	Sulfate	GWC-4
	Sulfate	GWC-9
	Sulfate	GWC-10[1]
	TDS	GWC-4

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

6.0 MONITORING PROGRAM STATUS

Plant Scherer Cell 1 and PAC Ash Cell remain in detection monitoring. Table 2 presents the status of each well within the certified monitoring network for Cell 1 and PAC Ash Cell, respectively. SSIs of (barium, calcium, chloride, sulfate, and TDS identified during the July-August and November 2024 events have been addressed by an ASD (WSP, 2025). The SSIs reported for the February and April 2025 monitoring events (barium, calcium, chloride, chromium, selenium, sulfate, and TDS) will be addressed in a forthcoming ASD, as applicable, under

separate cover. As such, Cell 1 and PAC Ash Cell currently remain in detection monitoring. The next semi-annual groundwater sampling event is scheduled for July 2025.

7.0 CONCLUSIONS

This *2025 Semi-Annual Groundwater Monitoring and Corrective Action Report*, Georgia Power Plant Scherer Cell 1 and PAC Ash Cell has been prepared to fulfill the requirements of 40 CFR 257, Georgia EPD SWMR 391-3-4-.14, the May 9, 2023, CCR Solid Waste Handling Permit 102-009D (CCR), and the Site's GWMP. Samples were obtained between February 17 and 26, 2025 with verification resampling conducted on April 22-23, 2025 during the first semi-annual event. The groundwater flow direction and rates observed during the first half of calendar year 2025 are consistent with historical evaluations.

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

Based on the findings presented herein, Plant Scherer Cell 1 and PAC Ash Cell will continue with detection groundwater monitoring and reporting. The next semi-annual sampling event is tentatively scheduled for July 2025.

8.0 REFERENCES

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Tables

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

Well ID	Well Designation	Location	Northing [1]	Easting [1]	Ground Surface Elevation (feet) [2]	Top of Casing Elevation (feet)[2]	Top of Screen Elevation (feet) [2] [3]	Bottom of Screen Elevation (feet) [2] [3]	Total Well Depth (feet below top of casing) [5]	Groundwater Zone Screened	Installation Date
GYPSUM CELL 1											
GWA-15	Detection	Upgradient	1120009.40	2409282.43	411.70	415.01	395.51	385.51	29.5	Residual Soil	11/04/2009
GWA-16	Detection	Upgradient	1120248.68	2409579.75	440.91	444.24	396.71	386.71	57.8	Saprolite	10/13/2009
GWA-17	Detection	Upgradient	1120210.57	2409946.73	442.82	445.84	409.27	399.27	46.7	Saprolite/PWR	09/28/2009
GWC-1	Detection	Downgradient	1120077.85	2411555.32	371.60	374.95	346.91	336.91	38.2	Saprolite	10/28/2009
GWC-2	Detection	Downgradient	1119816.59	2411493.53	376.90	380.22	332.12	322.12	58.2	Saprolite	10/08/2009
GWC-3	Detection	Downgradient	1119613.94	2411202.40	409.60	412.66	373.20	363.20	49.5	Residual Soil	10/29/2009
GWC-4	Detection	Downgradient	1119255.96	2411041.82	408.40	411.75	378.70	368.70	43.3	Residual Soil	11/21/2009
GWC-5	Detection	Downgradient	1118897.72	2411025.88	393.27	396.69	372.84	362.84	34.1	Residual Soil/PWR	10/22/2009
GWC-6	Detection	Downgradient	1118575.69	2410872.56	412.38	415.80	377.52	367.52	48.5	Bedrock	10/21/2009
GWC-7	Detection	Downgradient	1118243.67	2410645.91	414.41	418.27	369.84	359.84	58.6	Saprolite	10/20/2009
GWC-8A	Detection	Downgradient	1117917.32	2410375.16	398.60	401.62	364.30	354.30	48.02	PWR	03/29/2017
GWC-9	Detection	Downgradient	1117955.40	2410167.75	382.81	386.18	376.02	366.02	20.2	Residual Soil/Saprolite	11/04/2009
GWC-10	Detection	Downgradient	1118306.77	2410018.28	388.89	392.87	367.50	357.50	35.7	Residual Soil	11/03/2009
GWC-11	Detection	Downgradient	1118648.98	2409778.84	398.81	402.33	377.81	367.81	34.6	Saprolite	11/03/2009
GWC-12	Detection	Downgradient	1118977.87	2409554.57	409.16	412.89	384.94	374.94	38.1	Residual Soil	11/03/2009
GWC-13	Detection	Downgradient	1119338.68	2409390.95	416.51	419.77	386.52	376.52	43.3	Residual Soil	11/02/2009
GWC-14	Detection	Downgradient	1119655.05	2409111.75	400.16	403.60	386.09	376.09	27.6	Residual Soil	11/04/2009
GWC-18	Detection	Downgradient	1119998.73	2410261.85	436.30	439.66	389.49	379.49	60.4	Saprolite	09/29/2009
GWC-19	Detection	Downgradient	1119645.70	2410713.20	426.29	430.20	382.45	372.45	58	Saprolite	10/02/2009
GWC-20	Detection	Downgradient	1119950.51	2411195.38	422.98	426.30	363.85	353.85	72.7	Saprolite	10/06/2009
PAC ASH CELL											
GWA-21	Detection	Upgradient	1120675.73	2409462.70	419.70	422.58	412.04	402.04	20.7	Residual Soil/Saprolite	06/29/2010
GWA-22	Detection	Upgradient	1120962.12	2409473.22	442.01	444.50	412.29	402.29	42.49	Saprolite/Bedrock	06/30/2010
GWA-45	Detection	Upgradient	1120669.03	2407889.56	448.28	451.08	425.99	415.99	35.5	Residual Soil	06/23/2010
GWA-46	Detection	Upgradient	1120783.23	2408235.69	458.32	461.13	424.38	414.38	47	Residual Soil	06/23/2010
GWA-47	Detection	Upgradient	1120862.63	2408585.01	462.90	465.77	421.74	411.74	54.2	Saprolite	06/22/2010
GWA-48	Detection	Upgradient	1120953.42	2408939.48	458.85	461.73	407.74	397.74	64.1	Saprolite	06/22/2010
GWA-49	Detection	Upgradient	1121030.08	2409288.38	429.86	432.88	401.81	391.81	41.1	Saprolite	06/21/2010
GWC-29	Detection	Downgradient	1119875.58	2408717.95	396.88	399.64	382.78	372.78	27.12	Residual Soil/Saprolite	06/28/2010
GWC-50	Detection	Downgradient	1119917.51	2408956.10	404.34	407.16	380.88	370.88	36.5	Residual Soil/Saprolite	06/28/2010
GWC-51	Detection	Downgradient	1119835.51	2408436.95	407.27	410.15	393.78	383.78	26.8	Saprolite	07/27/2010
GWC-52	Detection	Downgradient	1119972.34	2408203.99	414.38	417.13	394.53	384.53	32.9	Residual Soil/Saprolite	06/24/2010
GWC-53	Detection	Downgradient	1120319.65	2407943.05	432.90	435.83	412.84	402.84	33	Residual Soil	06/23/2010

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Georgia Power Company
Plant Scherer - Cell 1 and PAC Ash Cell
Monroe County, GA

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

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

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

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

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

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

Notes:
X - Indicates well sampled during event

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

Measurement Date:		February 18, 2025	
Well ID	**Top of Casing Elevation (feet, NAVD88)**	**Depth to Water (feet, BTOC)**	**Groundwater Elevation (feet, NAVD88)**
GYPSUM CELL 1			
GWC-1	374.95	8.24	366.71
GWC-2	380.22	12.57	367.65
GWC-3	412.66	38.38	374.28
GWC-4	411.75	33.46	378.29
GWC-5	396.69	21.39	375.30
GWC-6	415.80	40.66	375.14
GWC-7	418.27	42.08	376.19
GWC-8A	401.62	22.07	379.55
GWC-9	386.18	6.38	379.80
GWC-10	392.87	9.77	383.10
GWC-11	402.33	16.80	385.53
GWC-12	412.89	24.56	388.33
GWC-13	419.77	29.31	390.46
GWC-14	403.60	11.68	391.92
GWA-15	415.01	12.00	403.01
GWA-16	444.24	34.43	409.81
GWA-17	445.84	32.83	413.01
GWC-18	439.66	36.29	403.37
GWC-19	430.20	39.09	391.11
GWC-20	426.30	47.37	378.93
PAC ASH CELL			
GWA-21	422.58	6.21	416.37
GWA-22	444.50	26.46	418.04
GWC-29	399.64	5.36	394.28
GWA-45	451.08	18.70	432.38
GWA-46	461.13	34.95	426.18
GWA-47	465.77	42.01	423.76
GWA-48	461.73	40.32	421.41
GWA-49	432.88	12.80	420.08
GWC-50	407.16	8.62	398.54
GWC-51	410.15	8.55	401.60
GWC-52	417.13	9.34	407.79
GWC-53	435.83	12.12	423.71

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

Measurement Date:		February 18, 2025	
Well ID	**Top of Casing Elevation (feet, NAVD88)**	**Depth to Water (feet, BTOC)**	**Groundwater Elevation (feet, NAVD88)**
CELL 3			
GWA-39	457.62	31.37	426.25
GWA-40	463.84	37.36	426.48
GWA-41	434.12	13.43	420.69
GWA-42	405.19	4.72	400.47
GWA-43	400.94	3.64	397.30
GWA-44A	399.62	3.62	396.00
GWA-54	451.49	28.71	422.78
GWC-30	394.49	5.38	389.11
GWC-31	392.78	5.05	387.73
GWC-32	410.03	23.40	386.63
GWC-33A	393.96	9.28	384.68
GWC-34	389.29	7.21	382.08
GWC-35	387.90	4.40	383.50
GWC-36	425.12	32.99	392.13
GWC-37	429.80	23.98	405.82
GWC-38	418.68	11.59	407.09

Notes:
NAVD88 indicates feet (ft) in elevation referenced to the North American Vertical Datum 1988.
BTOC = Below Top of Casing

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

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

Notes:

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Notes:

mg/L - milligrams per liter; SU - Standard Units; mV - millivolts; C - degrees Celsius; NTU - Nephelometric Turbidity Unit; uS/cm - microSiemens per centimeter.

-- Indicates location not sampled

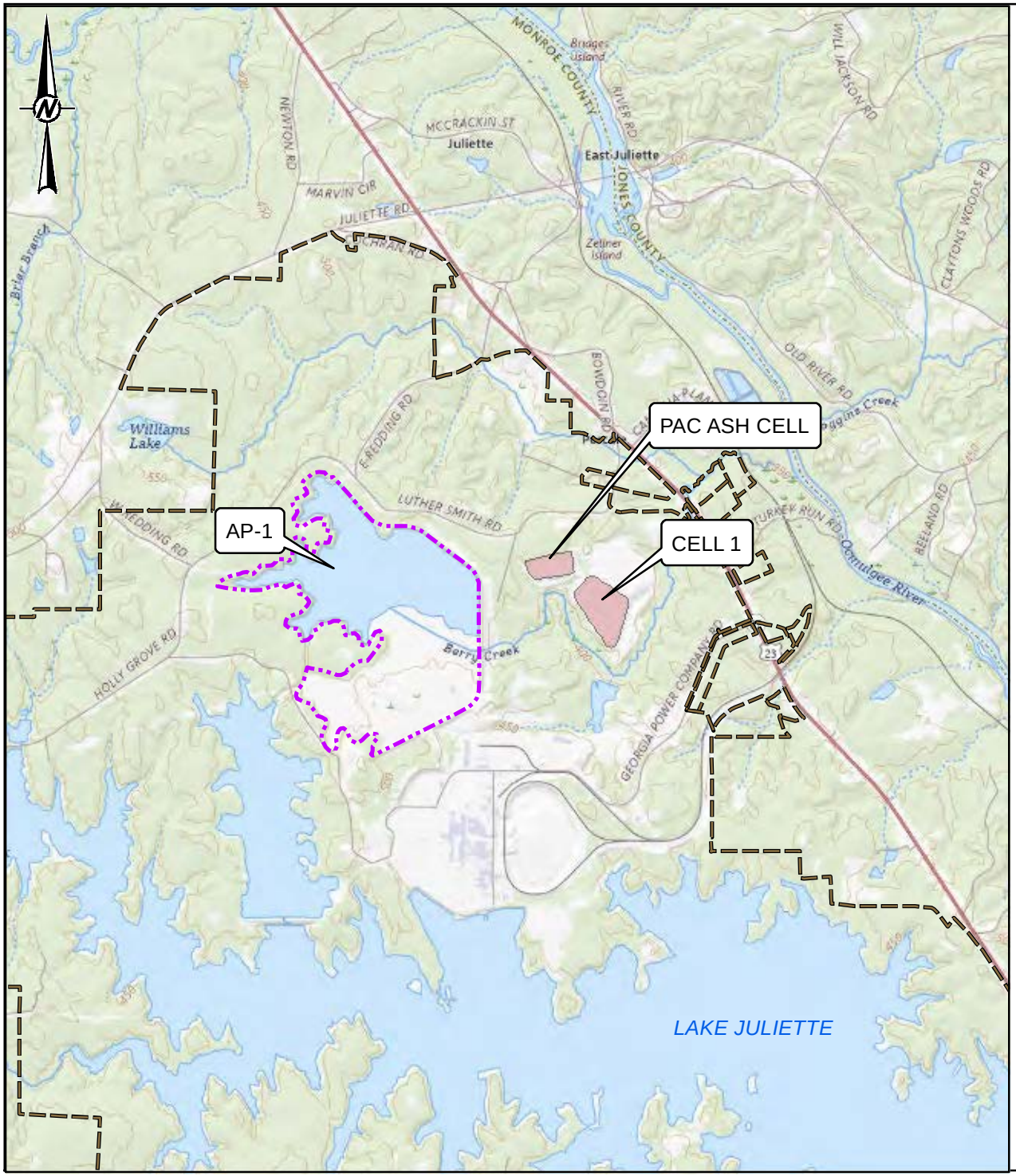
NA - Indicates substance not analyzed

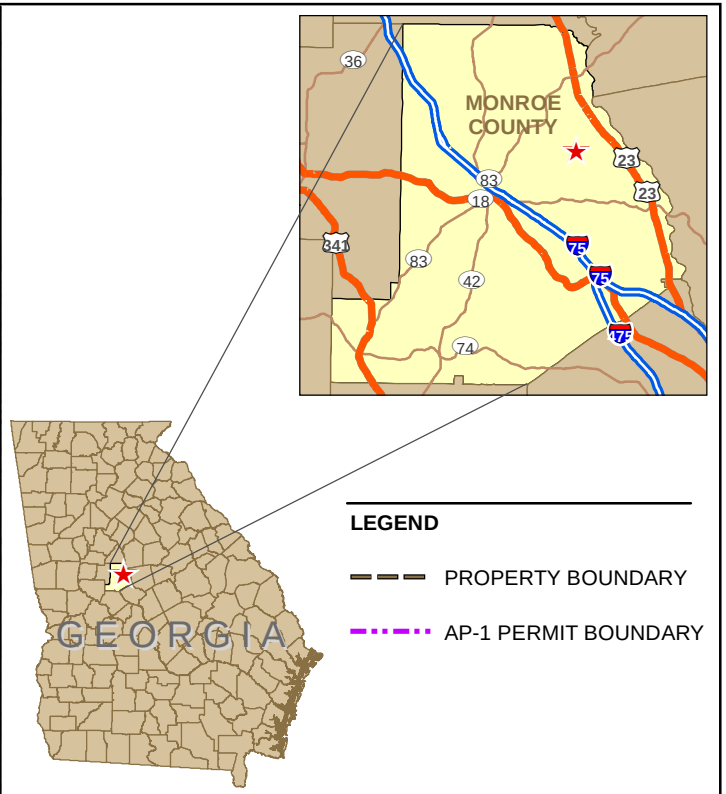
< indicates the substance was not detected above the reporting limit (RL). The value displayed is the RL.

J - The result is an estimated concentration. “J” qualifiers are applied by the laboratory when the concentration reported is above the method detection limit, but below the laboratory reporting limit.

SWA-1, SWA-2, SWA-3, and SWC-7 are sampled for chemical oxygen demand (COD), Cyanide, and total organic carbon (TOC) per site D&O Plan.

Figures





LEGEND

- PROPERTY BOUNDARY
- AP-1 PERMIT BOUNDARY

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

0 4000 8000 Feet

CLIENT
GEORGIA POWER COMPANY
PLANT SCHERER
MONROE COUNTY, GEORGIA

Georgia Power

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

TITLE
SITE LOCATION MAP

CONSULTANT
wsp

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

PROJECT No.
31406440.022

FIGURE
1

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



LEGEND

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

NOTE(S)

1. MONITORING WELL LOCATIONS PROVIDED BY JORDAN ENGINEERING.

REFERENCE(S)

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

CLIENT
GEORGIA POWER COMPANY
PLANT SCHERER
MONROE COUNTY, GEORGIA

Georgia Power

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

TITLE
SITE PLAN, MONITORING WELL AND PIEZOMETER LOCATION MAP

CONSULTANT

wsp

YYYY-MM-DD	2025-08-14
DESIGNED	RHG
PREPARED	RHG
REVIEWED	RNQ
APPROVED	RNQ

PROJECT NO.
31406440.022

FIGURE
2

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



LEGEND

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

NOTE(S)

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

REFERENCE(S)

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



0 75 150 300 Feet

CLIENT
GEORGIA POWER COMPANY
PLANT SCHERER
MONROE COUNTY, GEORGIA

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

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

CONSULTANT

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

PROJECT NO.
31406440.022

FIGURE
3A

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



LEGEND

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

NOTE(S)

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

REFERENCE(S)

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



0 125 250 500 Feet

CLIENT
GEORGIA POWER COMPANY
PLANT SCHERER
MONROE COUNTY, GEORGIA

Georgia Power

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

TITLE
POTENTIOMETRIC SURFACE MAP - CELL 1
FEBRUARY 18, 2025

CONSULTANT

wsp

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

PROJECT NO.
31406440.022

FIGURE
3B

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

APPENDIX A

Field Data Forms and Instrument Calibration Forms

APPENDIX A

Field Data Forms
February 2025

Low-Flow Test Report:

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

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

Test Notes:

Weather Conditions:
Mostly Sunny, 59 degrees F

Low-Flow Readings:

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

Samples

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

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

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

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

Test Notes:

Weather Conditions:
Clear, Sunny, 65 degrees F

Low-Flow Readings:

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

Samples

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

Low-Flow Test Report:

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

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

Test Notes:

Low-Flow Readings:

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

Samples

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

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

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

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

Test Notes:

Weather Conditions:
Clear, sunny, 74 degrees F

Low-Flow Readings:

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

Samples

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

Low-Flow Test Report:

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

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

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

Weather Conditions:
Clear, sunny, 49 degrees F

Low-Flow Readings:

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

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

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

Samples

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

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

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

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

Test Notes:

Low-Flow Readings:

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

Samples

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

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

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

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

Test Notes:

Low-Flow Readings:

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

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

Samples

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

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

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

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

Test Notes:

Low-Flow Readings:

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

Samples

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

Low-Flow Test Report:

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

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

Test Notes:

Low-Flow Readings:

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

Samples

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

Low-Flow Test Report:

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

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

Test Notes:

Weather Conditions:
Sunny

Low-Flow Readings:

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

Samples

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

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

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

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

Test Notes:

Low-Flow Readings:

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

Samples

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

Low-Flow Test Report:

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

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

Test Notes:

Low-Flow Readings:

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

Samples

Sample ID:	Description:
SCH-GWC-34	

Low-Flow Test Report:

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

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

Test Notes:

Weather Conditions:
Clear, sunny, 55 degrees F

Low-Flow Readings:

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

Samples

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

Low-Flow Test Report:

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

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

Test Notes:

Low-Flow Readings:

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

Samples

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

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

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

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

Test Notes:

Weather Conditions:
Clear, sunny, 68 degrees F

Low-Flow Readings:

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

Samples

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

Low-Flow Test Report:

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

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

Test Notes:

Weather Conditions:
Clear, sunny, 71 degrees F

Low-Flow Readings:

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

Samples

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

Low-Flow Test Report:

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

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

Test Notes:

Weather Conditions:
67 sunny

Low-Flow Readings:

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

Samples

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

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

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

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

Test Notes:

Weather Conditions:
Sunny

Low-Flow Readings:

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

Samples

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

Low-Flow Test Report:

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

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

Test Notes:

Weather Conditions:
Sunny

Low-Flow Readings:

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

Samples

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

Low-Flow Test Report:

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

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

Test Notes:

Weather Conditions:
Sunny

Low-Flow Readings:

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

Samples

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

Low-Flow Test Report:

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

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

Test Notes:

Weather Conditions:
Sunny

Low-Flow Readings:

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

Samples

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

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

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

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

Test Notes:

Weather Conditions:
Sunny

Low-Flow Readings:

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

Samples

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

Low-Flow Test Report:

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

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

Test Notes:

Weather Conditions:
46 sunny

Low-Flow Readings:

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

Samples

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

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

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

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

Test Notes:

Weather Conditions:
62 sunny

Low-Flow Readings:

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

Samples

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

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

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

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

Test Notes:

Weather Conditions:
68 sunny

Low-Flow Readings:

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

Samples

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

Low-Flow Test Report:

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

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

Test Notes:

Weather Conditions:
72 sunny

Low-Flow Readings:

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

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

Samples

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

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

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

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

Test Notes:

Weather Conditions:
Sunny

Low-Flow Readings:

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

Samples

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

Low-Flow Test Report:

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

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

Test Notes:

Low-Flow Readings:

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

Samples

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

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

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

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

Test Notes:

Weather Conditions:
Sunny

Low-Flow Readings:

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

Samples

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

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

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

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

Test Notes:

Low-Flow Readings:

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

Samples

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

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

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

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

Test Notes:

Low-Flow Readings:

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

Samples

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

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

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

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

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

Weather Conditions:
Sunny

Low-Flow Readings:

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

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

Samples

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

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

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

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

Test Notes:

Weather Conditions:
Cloudy

Low-Flow Readings:

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

Samples

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

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

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

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

Test Notes:

Weather Conditions:
Sunny

Low-Flow Readings:

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

Samples

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

Low-Flow Test Report:

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

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

Test Notes:

Weather Conditions:
Sunny

Low-Flow Readings:

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

Samples

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

Low-Flow Test Report:

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

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

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

Weather Conditions:
Sunny

Low-Flow Readings:

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

Samples

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

Low-Flow Test Report:

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

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

Test Notes:

Weather Conditions:
Sunny

Low-Flow Readings:

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

Samples

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

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

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

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

Test Notes:

Weather Conditions:
Sunny

Low-Flow Readings:

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

Samples

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

Low-Flow Test Report:

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

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

Test Notes:

Low-Flow Readings:

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

Samples

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

Low-Flow Test Report:

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

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

Test Notes:

Low-Flow Readings:

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

Samples

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

Low-Flow Test Report:

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

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

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

Instrument Used: Aqua TROLL 400
Serial Number: 1146036

Test Notes:

Weather Conditions:
Sunny

Low-Flow Readings:

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

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

Samples

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

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

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

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

Test Notes:

Weather Conditions:
Sunny

Low-Flow Readings:

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

Samples

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

Low-Flow Test Report:

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

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

Test Notes:

Weather Conditions:
64 sunny

Low-Flow Readings:

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

Samples

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

Low-Flow Test Report:

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

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

Test Notes:

Weather Conditions:
Sunny

Low-Flow Readings:

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

Samples

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

Low-Flow Test Report:

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

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

Test Notes:

Low-Flow Readings:

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

Samples

Sample ID:	Description:

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

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

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

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

Test Notes:

Weather Conditions:
Sunny

Low-Flow Readings:

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

Samples

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

Low-Flow Test Report:

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

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

Test Notes:

Weather Conditions:
Sunny

Low-Flow Readings:

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

Samples

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

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

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

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

Test Notes:

Low-Flow Readings:

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

Samples

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

Low-Flow Test Report:

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

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

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

Low-Flow Readings:

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

Samples

Sample ID:	Description:
SCH-SWA-1	

Low-Flow Test Report:

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

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

Test Notes:
Surface Water

Low-Flow Readings:

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

Samples

Sample ID:	Description:
SCH-SGWA-2	

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

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

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

Test Notes:
Surface Water
Small, Flowing stream.

Low-Flow Readings:

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

Samples

Sample ID:	Description:
SCH-SWA-3	

Low-Flow Test Report:

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

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

Test Notes:

Low-Flow Readings:

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

Samples

Sample ID:	Description:
SCH-SWC-4	

Low-Flow Test Report:

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

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

Test Notes:
Surface Water

Low-Flow Readings:

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

Samples

Sample ID:	Description:
SCH-SWC-6	

Low-Flow Test Report:

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

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

Test Notes:
Surface Water

Weather Conditions:
Sunny

Low-Flow Readings:

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

Samples

Sample ID:	Description:
SCH-SWC-7	

Low-Flow Test Report:

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

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

Test Notes:
Surface Water
Flowing Stream

Low-Flow Readings:

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

Samples

Sample ID:	Description:
SCH-SWC-3	

APPENDIX A

Field Data Forms
April 2025

Low-Flow Test Report:

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

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

Test Notes:

Weather Conditions:
Sunny

Low-Flow Readings:

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

Samples

Sample ID:	Description:
SCH-GWC-3	

Low-Flow Test Report:

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

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

Test Notes:

Low-Flow Readings:

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

Samples

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

Low-Flow Test Report:

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

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

Test Notes:

Low-Flow Readings:

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

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

Samples

Sample ID:	Description:
SCH-GWC-6	

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

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

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

Test Notes:

Weather Conditions:
Sunny

Low-Flow Readings:

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

Samples

Sample ID:	Description:

Low-Flow Test Report:

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

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

Test Notes:

Weather Conditions:
81 sprinkling

Low-Flow Readings:

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

Samples

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

Created using VuSitu from In-Situ, Inc.

APPENDIX A

Instrument Calibration Forms
February 2025

Site Name: Plant Scherer

Field Instrumentation Calibration Form

Date: 2/17/25

Calibrated By: Daniel Howard

Field Conditions: clear + cold

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

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

Did not use Aquatroll today

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

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

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

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

Notes:

Site Name: Plant Scherer

Field Instrumentation Calibration Form

Date: 2/19/25

Calibrated By: Daniel Howard

Field Conditions: Raining Overcast

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

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

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

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

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

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

Notes:

Site Name: Plant Scherer

Field Instrumentation Calibration Form

Date: 2/20/25

Calibrated By: Daniel Howard

Field Conditions: Partly sunny & Cold

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

Calibration Standard Information

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

Calibration

Time Start 0515 Time Finish

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

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

Calibration Check

Time Start 1620 Time Finish 1640

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

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

Notes:

Site Name: Plant Scherer

Field Instrumentation Calibration Form

Date: 2/21/25

Calibrated By: Daniel Howard

Field Conditions: _____

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

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

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

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

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

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

Notes:

Site Name: Plant Sch

Field Instrumentation Calibration Form

Date: 2/26/25

Calibrated By: EEA

Field Conditions: Sunny

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

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

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

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

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

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

Notes:

Site Name: Plant Sch

Field Instrumentation Calibration Form

Date: 2/25/25

Calibrated By: SSA

Field Conditions: Sunny

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

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

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

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

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

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

Notes:

Site Name: Plant Sch

Field Instrumentation Calibration Form

Date: 2/24/25

Calibrated By: EA

Field Conditions: Sunny

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

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

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

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

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

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

Notes:

Site Name: Plant Sch

Field Instrumentation Calibration Form

Date: 2/12/25

Calibrated By: ESA

Field Conditions: Sunny

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

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

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

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

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

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

Notes:

Site Name: Plant Scherer

Field Instrumentation Calibration Form

Date: 2/19/25

Calibrated By: EEA

Field Conditions: Cloudy

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

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

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

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

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

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

Notes:

Site Name: Plant Sch

Field Instrumentation Calibration Form

Date: 2/20/25

Calibrated By: EEA

Field Conditions: sunny

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

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

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

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

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

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

Notes:

Site Name: SCHERER

Field Instrumentation Calibration Form

Date: 2/24/25

Calibrated By: M. MANN

Field Conditions: GOOD

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

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

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

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

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

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

Notes:

Site Name: Plant Scherer

Field Instrumentation Calibration Form

Date: 2-1725 09:44

Calibrated By: T. PARKER

Field Conditions: Clear Sunny. 35°F

Finish CAL @ 10:15

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

Calibration Standard Information

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

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

Calibration

Time Start: ____ Time Finish: ____

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

Offset: 5.4mV Therm: 246.2mV

SC offset = 0.00 µS/cm Cell const = 1.037

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

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

Calibration Check

Time Start: ____ Time Finish: ____

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

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

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

Site Name: GP- Scherer

Field Instrumentation Calibration Form

Calibrated By: T. PARKER

Date: 2-19-2025 (wetnes day)

Field Conditions: overcast, rain 40°F

ST 05:27
Finish: 05:57

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

Calibration Standard Information

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

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

Calibration

Time Start: Time Finish:

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

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

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

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

Calibration Check

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

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

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

Notes: For GW Sampling on 2-19-2025

Field Instrumentation Calibration Form

Site Name: GD-Scherer

Date: 2-20-2025

Calibrated By: T. PARKER

Field Conditions: Overcast 7. Cal in Hotel Room

CAL START: 05:40

CAL Finish: 06:10

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

Calibration Standard Information

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

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

Calibration

Time Start — Time Finish

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

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

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

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

Calibration Check

Time Start 18:50 — Time Finish 19:05

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

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

Notes:

For GW Sampling on 2-20-2025

Site Name: CP-Scherer

Calibrated By: T. PARKER

Field Instrumentation Calibration Form

Friday
Date: 2-21-25

Field Conditions: Partly cloudy, 24°F

ST: 05:14
FINISH: 05:50

Cal in Hotel Room

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

Calibration Standard Information

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

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

Calibration

Time Start _____ Time Finish _____

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

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

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

DO Theory: 9.45mg/L

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

Calibration Check

Time Start 11:25 Time Finish 11:45

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

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

JDO 2-21-25

Notes:

USED Air GW Sampling. SGWC-23.

Site Name: Plant Scherer

Field Instrumentation Calibration Form

Date: MONDAY 2-24-25

Calibrated By: T. BARKER

Field Conditions: OVERCAST, 50°F

Begin: 10:03

Finish 10:36

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

Calibration Standard Information

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

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

Calibration

Time Start: Time Finish:

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

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

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

ORP OFFSET: 14.0 MV

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

Calibration Check

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

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

105%R ✓ 101%R ✓ 101%R ✓

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

Notes: USED FOR GW SAMPLING

Site Name: GP-Scherer

Field Instrumentation Calibration Form

Date: Tuesday 2-25-25

Calibrated By: T. PARKER

Field Conditions: Clear, sunny, 68°F

START: 05:20
FINISH: 05:45

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

Calibration Standard Information

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

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

Calibration

Time Start: Time Finish:

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

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

OFFSET = 13.3 mV @ 21.32°C

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

Theory = 8.63 mg/L @ 22.03°C

BA20 = 1,000.6 mbar

Calibration Check

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

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

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

AP 2-25-25

Notes:

Used for GW Sampling

Site Name: GP-Scherer

Field Instrumentation Calibration Form

Wednesday

Date: 2-26-25

Calibrated By: T. Parker

Field Conditions: Clear, Sunny, 30's

START: 05:26
Finish: 05:54

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

Calibration Standard Information

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

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

Calibration

Time Start: Time Finish:

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

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

offset = 14.9m

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

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

Calibration Check

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

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

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

START: 15:14 Finish 15:18

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

Notes: Used for GW Sampling

Site Name: Plant Scherer

Field Instrumentation Calibration Form

Date: 2/18/25

Calibrated By: DCB

Field Conditions: rainy 40 °F

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

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

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

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

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

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

Notes:

Site Name: Plant Scherer

Field Instrumentation Calibration Form

Date: 2/20/25

Calibrated By: DCB

Field Conditions: Cloudy 45° F

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter		
Turbidity Meter		

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

Calibration

Time Start 0956 **Time Finish**

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

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

Calibration Check

Time Start **Time Finish**

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

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

Notes:

Site Name: SCherer

Field Instrumentation Calibration Form

Date: 2/19/25

Calibrated By: JS

Field Conditions: Rainy

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

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

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

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

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

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

Notes:

APPENDIX A

Instrument Calibration Forms
April 2025

~~May 2020~~

Daily Calibration Log

~~20139484~~

Project: Plant Scherer
Field Staff:

Instrument Calibration

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

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

	Units	Standard	Hach SN 23060D00342	Hach SN _____	Hach SN _____	Hach SN _____
Turbidity	NTU	20	20			
	NTU	100	100			
	NTU	800	800			
		10	10			

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

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

	Units	Standard	Hach SN 23060D00342	Hach SN _____	Hach SN _____	Hach SN _____
Turbidity	NTU	20	20			
	NTU	100	100			
	NTU	800	800			
		10	10			

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

wsp

GOLDER

~~May 2020~~

Daily Calibration Log

~~20139484~~

Project: Plant Scherer
Field Staff:

Instrument Calibration

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

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

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

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

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

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

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

wsp

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APPENDIX B

Analytical Results, Data Validation Summaries and Laboratory Accreditation

APPENDIX B

Analytical Results February 2025

eurofins | Environment Testing

1 2 3 4 5 6 7 8 9 10 11 12

ANALYTICAL REPORT

PREPARED FOR

Attn: Joju Abraham
Southern Company
241 Ralph McGill Blvd SE
B10185
Atlanta, Georgia 30308

Generated 3/10/2025 5:53:01 PM

JOB DESCRIPTION

CCR - Plant Scherer Effluent

JOB NUMBER

680-262295-1

Eurofins Savannah
5102 LaRoche Avenue
Savannah GA 31404

See page two for job notes and contact information.

myEOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization



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Authorized for release by
David Fuller, Project Manager
David.Fuller@et.eurofinsus.com
(770)344-8986

Definitions/Glossary

Client: Southern Company
Project/Site: CCR - Plant Scherer Effluent

Job ID: 680-262295-1

Qualifiers

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Sample Summary

Client: Southern Company
Job ID: 680-262295-1
Project/Site: CCR - Plant Scherer Effluent

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-262295-1	SCH-FGD-EFFLUENT	Water	02/26/25 09:00	02/27/25 11:31

Job ID: 680-262295-1 — Eurofins Savannah

Job Narrative
680-262295-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Receipt
The sample was received on 2/27/2025 11:31 AM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.4°C.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Scherer Effluent

Job ID: 680-262295-1

Client Sample ID: SCH-FGD-EFFLUENT

Lab Sample ID: 680-262295-1

Date Collected: 02/26/25 09:00

Matrix: Water

Date Received: 02/27/25 11:31

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.0083		0.0020	0.00034	mg/L		02/28/25 04:52	03/03/25 13:41	1
Arsenic	0.041		0.0010	0.00086	mg/L		02/28/25 04:52	03/03/25 13:41	1
Barium	0.20		0.010	0.00089	mg/L		02/28/25 04:52	03/03/25 13:41	1
Beryllium	0.0024	J	0.0025	0.00020	mg/L		02/28/25 04:52	03/03/25 13:41	1
Cadmium	0.24		0.0025	0.000078	mg/L		02/28/25 04:52	03/03/25 13:41	1
Chromium	0.49		0.0020	0.0012	mg/L		02/28/25 04:52	03/03/25 13:41	1
Cobalt	0.087		0.0025	0.00022	mg/L		02/28/25 04:52	03/03/25 13:41	1
Copper	0.18		0.0020	0.0011	mg/L		02/28/25 04:52	03/03/25 13:41	1
Lead	0.035		0.0010	0.00021	mg/L		02/28/25 04:52	03/03/25 13:41	1
Nickel	1.4		0.0010	0.00042	mg/L		02/28/25 04:52	03/03/25 13:41	1
Selenium	0.15		0.0050	0.00099	mg/L		02/28/25 04:52	03/03/25 13:41	1
Silver	0.00048	J	0.0010	0.00039	mg/L		02/28/25 04:52	03/03/25 13:41	1
Thallium	0.0025		0.0010	0.00026	mg/L		02/28/25 04:52	03/03/25 13:41	1
Vanadium	0.21		0.0020	0.00063	mg/L		02/28/25 04:52	03/03/25 13:41	1
Zinc	8.0		0.0050	0.0028	mg/L		02/28/25 04:52	03/03/25 13:41	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00015	J	0.00020	0.000080	mg/L		03/07/25 11:00	03/07/25 15:40	1

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 680-877300/1-A
Matrix: Water
Analysis Batch: 877677

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 877300

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/28/25 04:52	03/04/25 09:57	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/28/25 04:52	03/04/25 09:57	1
Barium	<0.00089		0.010	0.00089	mg/L		02/28/25 04:52	03/04/25 09:57	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/28/25 04:52	03/04/25 09:57	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/28/25 04:52	03/04/25 09:57	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/28/25 04:52	03/04/25 09:57	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/28/25 04:52	03/04/25 09:57	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/28/25 04:52	03/04/25 09:57	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/28/25 04:52	03/04/25 09:57	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/28/25 04:52	03/04/25 09:57	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/28/25 04:52	03/04/25 09:57	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/28/25 04:52	03/04/25 09:57	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/28/25 04:52	03/04/25 09:57	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/28/25 04:52	03/04/25 09:57	1

Lab Sample ID: LCS 680-877300/2-A
Matrix: Water
Analysis Batch: 877677

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 877300

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.0500	0.0527		mg/L		105	80 - 120
Arsenic	0.100	0.105		mg/L		105	80 - 120
Barium	0.100	0.102		mg/L		102	80 - 120
Beryllium	0.0500	0.0539		mg/L		108	80 - 120
Cadmium	0.0500	0.0537		mg/L		107	80 - 120
Chromium	0.100	0.110		mg/L		110	80 - 120
Cobalt	0.0500	0.0520		mg/L		104	80 - 120
Copper	0.101	0.105		mg/L		104	80 - 120
Lead	0.500	0.522		mg/L		104	80 - 120
Nickel	0.100	0.102		mg/L		102	80 - 120
Selenium	0.100	0.0932		mg/L		93	80 - 120
Silver	0.0500	0.0545		mg/L		109	80 - 120
Thallium	0.0500	0.0505		mg/L		101	80 - 120
Vanadium	0.100	0.107		mg/L		107	80 - 120
Zinc	0.100	0.110		mg/L		110	80 - 120

Lab Sample ID: 680-262287-A-3-B MS
Matrix: Water
Analysis Batch: 877677

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 877300

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.00034		0.0500	0.0503		mg/L		101	75 - 125
Arsenic	0.0024		0.100	0.106		mg/L		103	75 - 125
Barium	0.052		0.100	0.144		mg/L		92	75 - 125
Beryllium	<0.00020		0.0500	0.0535		mg/L		107	75 - 125
Cadmium	0.00049	J	0.0500	0.0536		mg/L		106	75 - 125
Chromium	<0.0012		0.100	0.106		mg/L		106	75 - 125
Cobalt	0.00074	J	0.0500	0.0506		mg/L		100	75 - 125
Copper	<0.0011		0.101	0.0996		mg/L		99	75 - 125

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 680-262287-A-3-B MS — **Client Sample ID: Matrix Spike**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 877677 — **Prep Batch: 877300**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	<0.00021		0.500	0.516		mg/L		103	75 - 125
Nickel	0.0021		0.100	0.0994		mg/L		97	75 - 125
Selenium	0.0037	J	0.100	0.105		mg/L		102	75 - 125
Silver	<0.00039		0.0500	0.0535		mg/L		107	75 - 125
Thallium	<0.00026		0.0500	0.0505		mg/L		101	75 - 125
Vanadium	0.0033		0.100	0.107		mg/L		104	75 - 125
Zinc	0.0041	J	0.100	0.101		mg/L		97	75 - 125

Lab Sample ID: 680-262287-A-3-C MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 877677 — **Prep Batch: 877300**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.00034		0.0500	0.0522		mg/L		104	75 - 125	4	20
Arsenic	0.0024		0.100	0.106		mg/L		104	75 - 125	1	20
Barium	0.052		0.100	0.152		mg/L		100	75 - 125	5	20
Beryllium	<0.00020		0.0500	0.0575		mg/L		115	75 - 125	7	20
Cadmium	0.00049	J	0.0500	0.0560		mg/L		111	75 - 125	5	20
Chromium	<0.0012		0.100	0.110		mg/L		110	75 - 125	4	20
Cobalt	0.00074	J	0.0500	0.0530		mg/L		104	75 - 125	4	20
Copper	<0.0011		0.101	0.104		mg/L		103	75 - 125	5	20
Lead	<0.00021		0.500	0.534		mg/L		107	75 - 125	3	20
Nickel	0.0021		0.100	0.104		mg/L		102	75 - 125	4	20
Selenium	0.0037	J	0.100	0.101		mg/L		97	75 - 125	5	20
Silver	<0.00039		0.0500	0.0559		mg/L		112	75 - 125	4	20
Thallium	<0.00026		0.0500	0.0520		mg/L		104	75 - 125	3	20
Vanadium	0.0033		0.100	0.111		mg/L		108	75 - 125	4	20
Zinc	0.0041	J	0.100	0.105		mg/L		101	75 - 125	4	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 680-878147/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 878262 — **Prep Batch: 878147**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/07/25 11:00	03/07/25 14:36	1

Lab Sample ID: LCS 680-878147/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 878262 — **Prep Batch: 878147**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00250	0.00261		mg/L		104	80 - 120

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: 680-262339-F-5-C MS
Matrix: Water
Analysis Batch: 878262

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 878147

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.000080		0.00100	0.00101		mg/L		101	80 - 120

Lab Sample ID: 680-262339-F-5-D MSD
Matrix: Water
Analysis Batch: 878262

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 878147

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.000080		0.00100	0.000990		mg/L		99	80 - 120	2	20

QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Effluent

Job ID: 680-262295-1

Metals

Prep Batch: 877300

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262295-1	SCH-FGD-EFFLUENT	Total Recoverable	Water	3005A	
MB 680-877300/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-877300/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
680-262287-A-3-B MS	Matrix Spike	Total Recoverable	Water	3005A	
680-262287-A-3-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Analysis Batch: 877677

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262295-1	SCH-FGD-EFFLUENT	Total Recoverable	Water	6020B	877300
MB 680-877300/1-A	Method Blank	Total Recoverable	Water	6020B	877300
LCS 680-877300/2-A	Lab Control Sample	Total Recoverable	Water	6020B	877300
680-262287-A-3-B MS	Matrix Spike	Total Recoverable	Water	6020B	877300
680-262287-A-3-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020B	877300

Prep Batch: 878147

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262295-1	SCH-FGD-EFFLUENT	Total/NA	Water	7470A	
MB 680-878147/1-A	Method Blank	Total/NA	Water	7470A	
LCS 680-878147/2-A	Lab Control Sample	Total/NA	Water	7470A	
680-262339-F-5-C MS	Matrix Spike	Total/NA	Water	7470A	
680-262339-F-5-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Analysis Batch: 878262

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262295-1	SCH-FGD-EFFLUENT	Total/NA	Water	7470A	878147
MB 680-878147/1-A	Method Blank	Total/NA	Water	7470A	878147
LCS 680-878147/2-A	Lab Control Sample	Total/NA	Water	7470A	878147
680-262339-F-5-C MS	Matrix Spike	Total/NA	Water	7470A	878147
680-262339-F-5-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	878147

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Effluent

Job ID: 680-262295-1

Client Sample ID: SCH-FGD-EFFLUENT

Date Collected: 02/26/25 09:00
Date Received: 02/27/25 11:31

Lab Sample ID: 680-262295-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			25 mL	125 mL	877300	02/28/25 04:52	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877677	03/03/25 13:41	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	878147	03/07/25 11:00	MG	EET SAV
Total/NA	Analysis	7470A		1			878262	03/07/25 15:40	BJB	EET SAV
	Instrument ID: QuickTrace3									

Laboratory References:

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Accreditation/Certification Summary

Client: Southern Company
Job ID: 680-262295-1
Project/Site: CCR - Plant Scherer Effluent

Laboratory: Eurofins Savannah

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87052	06-30-25
Georgia	State	E87052	06-30-25

Method Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Effluent

Job ID: 680-262295-1

Method	Method Description	Protocol	Laboratory
6020B	Metals (ICP/MS)	SW846	EET SAV
7470A	Mercury (CVAA)	SW846	EET SAV
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET SAV
7470A	Preparation, Mercury	SW846	EET SAV

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Phone (912) 354-7858 Phone (912) 352-0165

Chain of Custody Record

eurofins Environment Testing

Client Information	Sampler(s): Mark Mann	Lab PM / Phone: David Fuller / 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: Joju Abraham	Site-Project Manager / Phone: Dawn Prell / 248-536-5445	E-Mail: David.Fuller@et.eurofinsus.com	State of Origin: GA	Page: Page 1 of 1
Company: Southern Company				Job #:
Address: 241 Ralph McGill Blvd SE B10185	Due Date Requested:			
City: Atlanta	TAT Requested (days): 2 weeks			
State, Zip: GA, 30308	Compliance Project: Δ Yes Δ No			
Phone:	Lab Project #: (DO NOT REMOVE) 68027798			
Email: JAbraham@southernco.com	Lab PO #: GPC82130-0006 / PO Line #3 & #4			
Project Name: CCR - Plant Scherer Effluent	Project #:			
Site:				

Analysis Requested

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)

Other:

Task_Code: SCH-CCR-ASSMT-2025S1

Special Instructions/Notes:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B - State (15) Metals	7470A - Mercury	Total Number of containers	
			Preservation Code:				D	D		
SCH-FGD-EFFLUENT	2/26/25	09:00	G	WL	N	N	X	X	1	Collected from unit #2

680-262295 Chain of Custody

Possible Hazard Identification

☐ Non-Hazard ☐ Flammable Skin ☐ Poison B ☐ Unknown Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
MARK MANN	2/27/25 830	WSP	Yolanda Dunbar	2/27/25 830	COURIER NOW
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 2/27/25 1131	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:
		3.4/3.4

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-262295-1

Login Number: 262295

List Source: Eurofins Savannah

List Number: 1

Creator: Johnson, Corey M

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Joju Abraham
Southern Company
241 Ralph McGill Blvd SE
B10185
Atlanta, Georgia 30308

Generated 2/27/2025 11:56:42 AM

JOB DESCRIPTION

Plant Scherer Surface Water

JOB NUMBER

680-261991-1

Eurofins Savannah
5102 LaRoche Avenue
Savannah GA 31404

See page two for job notes and contact information.

my EOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization



Generated
2/27/2025 11:56:42 AM

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Designee for
David Fuller, Project Manager
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(770)344-8986

Definitions/Glossary

Client: Southern Company
Project/Site: Plant Scherer Surface Water

Job ID: 680-261991-1

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Sample Summary

Client: Southern Company
Project/Site: Plant Scherer Surface Water

Job ID: 680-261991-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-261991-1	SCH-SWA-1	Water	02/17/25 11:44	02/18/25 11:37
680-261991-2	SCH-SWA-2	Water	02/17/25 15:38	02/18/25 11:37
680-261991-3	SCH-SWA-3	Water	02/17/25 12:59	02/18/25 11:37
680-261991-4	SCH-SWC-4	Water	02/17/25 14:48	02/18/25 11:37
680-261991-5	SCH-SWC-6	Water	02/17/25 13:55	02/18/25 11:37
680-261991-6	SCH-SWC-7	Water	02/17/25 14:12	02/18/25 11:37
680-261991-7	SCH-SWC-8	Water	02/17/25 13:25	02/18/25 11:37

Job ID: 680-261991-1 — Eurofins Savannah

Job Narrative
680-261991-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Receipt
The samples were received on 2/18/2025 11:37 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.8°C.

HPLC/IC
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client Sample Results

Client: Southern Company
Project/Site: Plant Scherer Surface Water

Job ID: 680-261991-1

Client Sample ID: SCH-SWA-1

Date Collected: 02/17/25 11:44
Date Received: 02/18/25 11:37

Lab Sample ID: 680-261991-1

Matrix: Water

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3.6**		2.0	0.40	mg/L			02/25/25 00:01	2
Fluoride	<0.080		0.20	0.080	mg/L			02/25/25 00:01	2
Sulfate	**39**		2.0	0.80	mg/L			02/25/25 00:01	2

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/19/25 05:39	02/19/25 12:48	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/19/25 05:39	02/19/25 12:48	1
Barium	**0.054**		0.010	0.00089	mg/L		02/19/25 05:39	02/19/25 12:48	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/19/25 05:39	02/19/25 12:48	1
Boron	**0.27**		0.080	0.022	mg/L		02/19/25 05:39	02/19/25 12:48	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/19/25 05:39	02/19/25 12:48	1
Calcium	**15**		0.50	0.14	mg/L		02/19/25 05:39	02/19/25 12:48	1
Chromium	**0.0015**	**J**	0.0020	0.0012	mg/L		02/19/25 05:39	02/19/25 12:48	1
Cobalt	**0.00030**	**J**	0.0025	0.00022	mg/L		02/19/25 05:39	02/19/25 12:48	1
Copper	**0.0029**		0.0020	0.0011	mg/L		02/19/25 05:39	02/19/25 12:48	1
Lead	**0.00028**	**J**	0.0010	0.00021	mg/L		02/19/25 05:39	02/19/25 12:48	1
Magnesium	**5.3**		0.50	0.023	mg/L		02/19/25 05:39	02/19/25 12:48	1
Nickel	**0.0011**		0.0010	0.00042	mg/L		02/19/25 05:39	02/19/25 12:48	1
Potassium	**2.3**		0.50	0.044	mg/L		02/19/25 05:39	02/19/25 12:48	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/19/25 05:39	02/19/25 12:48	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/19/25 05:39	02/19/25 12:48	1
Sodium	**11**		0.50	0.20	mg/L		02/19/25 05:39	02/19/25 12:48	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/19/25 05:39	02/19/25 12:48	1
Vanadium	**0.0027**		0.0020	0.00063	mg/L		02/19/25 05:39	02/19/25 12:48	1
Zinc	**0.017**		0.0050	0.0028	mg/L		02/19/25 05:39	02/19/25 12:48	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/25/25 11:03	02/25/25 16:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**41**		5.0	2.2	mg/L			02/22/25 02:06	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**41**		5.0	2.2	mg/L			02/22/25 02:06	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/22/25 02:06	1
Total Dissolved Solids (SM 2540C-2011)	**110**		10	10	mg/L			02/21/25 14:35	1
Chemical Oxygen Demand (MCAWW 410.4-1993 R2.0)	<5.0		10	5.0	mg/L			02/25/25 10:50	1
Cyanide, Total (SM 4500 CN E-2011)	<0.0060		0.020	0.0060	mg/L		02/19/25 07:02	02/19/25 10:11	1
Total Organic Carbon (TOC) (SM 5310 B-2011)	**3.7**		1.0	0.50	mg/L			02/27/25 00:14	1

Client: Southern Company
Project/Site: Plant Scherer Surface Water

Job ID: 680-261991-1

Client Sample ID: SCH-SWA-2

Date Collected: 02/17/25 15:38
Date Received: 02/18/25 11:37

Lab Sample ID: 680-261991-2

Matrix: Water

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**9.5**	**J**	10	2.0	mg/L			02/25/25 00:11	10
Fluoride	<0.40		1.0	0.40	mg/L			02/25/25 00:11	10
Sulfate	**180**		10	4.0	mg/L			02/25/25 00:11	10

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/19/25 05:39	02/19/25 12:56	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/19/25 05:39	02/19/25 12:56	1
Barium	**0.068**		0.010	0.00089	mg/L		02/19/25 05:39	02/19/25 12:56	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/19/25 05:39	02/19/25 12:56	1
Boron	**1.1**		0.080	0.022	mg/L		02/19/25 05:39	02/19/25 12:56	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/19/25 05:39	02/19/25 12:56	1
Calcium	**33**		0.50	0.14	mg/L		02/19/25 05:39	02/19/25 12:56	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/19/25 05:39	02/19/25 12:56	1
Cobalt	**0.0067**		0.0025	0.00022	mg/L		02/19/25 05:39	02/19/25 12:56	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/19/25 05:39	02/19/25 12:56	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/19/25 05:39	02/19/25 12:56	1
Magnesium	**19**		0.50	0.023	mg/L		02/19/25 05:39	02/19/25 12:56	1
Nickel	**0.0016**		0.0010	0.00042	mg/L		02/19/25 05:39	02/19/25 12:56	1
Potassium	**1.4**		0.50	0.044	mg/L		02/19/25 05:39	02/19/25 12:56	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/19/25 05:39	02/19/25 12:56	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/19/25 05:39	02/19/25 12:56	1
Sodium	**39**		0.50	0.20	mg/L		02/19/25 05:39	02/19/25 12:56	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/19/25 05:39	02/19/25 12:56	1
Vanadium	**0.00074**	**J**	0.0020	0.00063	mg/L		02/19/25 05:39	02/19/25 12:56	1
Zinc	**0.0031**	**J**	0.0050	0.0028	mg/L		02/19/25 05:39	02/19/25 12:56	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/25/25 11:03	02/25/25 16:45	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**44**		5.0	2.2	mg/L			02/22/25 02:15	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**44**		5.0	2.2	mg/L			02/22/25 02:15	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/22/25 02:15	1
Total Dissolved Solids (SM 2540C-2011)	**320**		40	40	mg/L			02/21/25 14:35	1
Chemical Oxygen Demand (MCAWW 410.4-1993 R2.0)	<5.0		10	5.0	mg/L			02/25/25 10:50	1
Cyanide, Total (SM 4500 CN E-2011)	<0.0060		0.020	0.0060	mg/L		02/19/25 07:02	02/19/25 10:17	1
Total Organic Carbon (TOC) (SM 5310 B-2011)	**1.4**		1.0	0.50	mg/L			02/27/25 00:52	1

Client: Southern Company
Project/Site: Plant Scherer Surface Water

Job ID: 680-261991-1

Client Sample ID: SCH-SWA-3

Date Collected: 02/17/25 12:59
Date Received: 02/18/25 11:37

Lab Sample ID: 680-261991-3

Matrix: Water

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**9.0**		5.0	1.0	mg/L			02/25/25 00:21	5
Fluoride	<0.20		0.50	0.20	mg/L			02/25/25 00:21	5
Sulfate	**63**		5.0	2.0	mg/L			02/25/25 00:21	5

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/19/25 05:39	02/19/25 12:58	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/19/25 05:39	02/19/25 12:58	1
Barium	**0.052**		0.010	0.00089	mg/L		02/19/25 05:39	02/19/25 12:58	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/19/25 05:39	02/19/25 12:58	1
Boron	**0.36**		0.080	0.022	mg/L		02/19/25 05:39	02/19/25 12:58	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/19/25 05:39	02/19/25 12:58	1
Calcium	**11**		0.50	0.14	mg/L		02/19/25 05:39	02/19/25 12:58	1
Chromium	**0.0013**	**J**	0.0020	0.0012	mg/L		02/19/25 05:39	02/19/25 12:58	1
Cobalt	**0.014**		0.0025	0.00022	mg/L		02/19/25 05:39	02/19/25 12:58	1
Copper	**0.0012**	**J**	0.0020	0.0011	mg/L		02/19/25 05:39	02/19/25 12:58	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/19/25 05:39	02/19/25 12:58	1
Magnesium	**7.3**		0.50	0.023	mg/L		02/19/25 05:39	02/19/25 12:58	1
Nickel	**0.0033**		0.0010	0.00042	mg/L		02/19/25 05:39	02/19/25 12:58	1
Potassium	**1.4**		0.50	0.044	mg/L		02/19/25 05:39	02/19/25 12:58	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/19/25 05:39	02/19/25 12:58	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/19/25 05:39	02/19/25 12:58	1
Sodium	**19**		0.50	0.20	mg/L		02/19/25 05:39	02/19/25 12:58	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/19/25 05:39	02/19/25 12:58	1
Vanadium	**0.00080**	**J**	0.0020	0.00063	mg/L		02/19/25 05:39	02/19/25 12:58	1
Zinc	**0.011**		0.0050	0.0028	mg/L		02/19/25 05:39	02/19/25 12:58	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/25/25 11:03	02/25/25 16:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**22**		5.0	2.2	mg/L			02/22/25 03:12	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**22**		5.0	2.2	mg/L			02/22/25 03:12	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/22/25 03:12	1
Total Dissolved Solids (SM 2540C-2011)	**150**		10	10	mg/L			02/21/25 14:35	1
Chemical Oxygen Demand (MCAWW 410.4-1993 R2.0)	<5.0		10	5.0	mg/L			02/25/25 10:50	1
Cyanide, Total (SM 4500 CN E-2011)	<0.0060		0.020	0.0060	mg/L		02/19/25 07:02	02/19/25 10:19	1
Total Organic Carbon (TOC) (SM 5310 B-2011)	**1.1**		1.0	0.50	mg/L			02/27/25 01:09	1

Client Sample ID: SCH-SWC-4

Lab Sample ID: 680-261991-4

Date Collected: 02/17/25 14:48

Matrix: Water

Date Received: 02/18/25 11:37

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**6.3**		5.0	1.0	mg/L			02/25/25 00:30	5
Fluoride	<0.20		0.50	0.20	mg/L			02/25/25 00:30	5
Sulfate	**57**		5.0	2.0	mg/L			02/25/25 00:30	5

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/19/25 05:39	02/19/25 13:01	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/19/25 05:39	02/19/25 13:01	1
Barium	**0.053**		0.010	0.00089	mg/L		02/19/25 05:39	02/19/25 13:01	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/19/25 05:39	02/19/25 13:01	1
Boron	**0.32**		0.080	0.022	mg/L		02/19/25 05:39	02/19/25 13:01	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/19/25 05:39	02/19/25 13:01	1
Calcium	**15**		0.50	0.14	mg/L		02/19/25 05:39	02/19/25 13:01	1
Chromium	**0.0012**	**J**	0.0020	0.0012	mg/L		02/19/25 05:39	02/19/25 13:01	1
Cobalt	**0.0042**		0.0025	0.00022	mg/L		02/19/25 05:39	02/19/25 13:01	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/19/25 05:39	02/19/25 13:01	1
Lead	**0.00023**	**J**	0.0010	0.00021	mg/L		02/19/25 05:39	02/19/25 13:01	1
Magnesium	**8.6**		0.50	0.023	mg/L		02/19/25 05:39	02/19/25 13:01	1
Nickel	**0.0012**		0.0010	0.00042	mg/L		02/19/25 05:39	02/19/25 13:01	1
Potassium	**1.1**		0.50	0.044	mg/L		02/19/25 05:39	02/19/25 13:01	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/19/25 05:39	02/19/25 13:01	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/19/25 05:39	02/19/25 13:01	1
Sodium	**16**		0.50	0.20	mg/L		02/19/25 05:39	02/19/25 13:01	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/19/25 05:39	02/19/25 13:01	1
Vanadium	**0.0016**	**J**	0.0020	0.00063	mg/L		02/19/25 05:39	02/19/25 13:01	1
Zinc	**0.0035**	**J**	0.0050	0.0028	mg/L		02/19/25 05:39	02/19/25 13:01	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/25/25 11:03	02/25/25 17:01	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**40**		5.0	2.2	mg/L			02/22/25 02:23	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**40**		5.0	2.2	mg/L			02/22/25 02:23	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/22/25 02:23	1
Total Dissolved Solids (SM 2540C-2011)	**160**		10	10	mg/L			02/21/25 14:35	1

Client Sample ID: SCH-SWC-6

Lab Sample ID: 680-261991-5

Date Collected: 02/17/25 13:55

Matrix: Water

Date Received: 02/18/25 11:37

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2.8**		1.0	0.20	mg/L			02/25/25 01:19	1
Fluoride	<0.040		0.10	0.040	mg/L			02/25/25 01:19	1
Sulfate	**2.8**		1.0	0.40	mg/L			02/25/25 01:19	1

Client Sample ID: SCH-SWC-6

Lab Sample ID: 680-261991-5

Date Collected: 02/17/25 13:55

Matrix: Water

Date Received: 02/18/25 11:37

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/19/25 05:39	02/19/25 13:04	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/19/25 05:39	02/19/25 13:04	1
Barium	**0.028**		0.010	0.00089	mg/L		02/19/25 05:39	02/19/25 13:04	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/19/25 05:39	02/19/25 13:04	1
Boron	<0.022		0.080	0.022	mg/L		02/19/25 05:39	02/19/25 13:04	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/19/25 05:39	02/19/25 13:04	1
Calcium	**6.4**		0.50	0.14	mg/L		02/19/25 05:39	02/19/25 13:04	1
Chromium	**0.0015**	**J**	0.0020	0.0012	mg/L		02/19/25 05:39	02/19/25 13:04	1
Cobalt	**0.0016**	**J**	0.0025	0.00022	mg/L		02/19/25 05:39	02/19/25 13:04	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/19/25 05:39	02/19/25 13:04	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/19/25 05:39	02/19/25 13:04	1
Magnesium	**3.8**		0.50	0.023	mg/L		02/19/25 05:39	02/19/25 13:04	1
Nickel	**0.00069**	**J**	0.0010	0.00042	mg/L		02/19/25 05:39	02/19/25 13:04	1
Potassium	**0.86**		0.50	0.044	mg/L		02/19/25 05:39	02/19/25 13:04	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/19/25 05:39	02/19/25 13:04	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/19/25 05:39	02/19/25 13:04	1
Sodium	**5.4**		0.50	0.20	mg/L		02/19/25 05:39	02/19/25 13:04	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/19/25 05:39	02/19/25 13:04	1
Vanadium	**0.0021**		0.0020	0.00063	mg/L		02/19/25 05:39	02/19/25 13:04	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/19/25 05:39	02/19/25 13:04	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/25/25 11:03	02/25/25 17:08	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**41**		5.0	2.2	mg/L			02/22/25 02:54	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**41**		5.0	2.2	mg/L			02/22/25 02:54	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/22/25 02:54	1
Total Dissolved Solids (SM 2540C-2011)	**86**		10	10	mg/L			02/21/25 14:35	1

Client Sample ID: SCH-SWC-7

Lab Sample ID: 680-261991-6

Date Collected: 02/17/25 14:12

Matrix: Water

Date Received: 02/18/25 11:37

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4.7**	**J**	5.0	1.0	mg/L			02/25/25 01:49	5
Fluoride	<0.20		0.50	0.20	mg/L			02/25/25 01:49	5
Sulfate	**37**		5.0	2.0	mg/L			02/25/25 01:49	5

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/19/25 05:39	02/19/25 12:10	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/19/25 05:39	02/19/25 12:10	1
Barium	**0.050**		0.010	0.00089	mg/L		02/19/25 05:39	02/19/25 12:10	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/19/25 05:39	02/19/25 12:10	1

Client Sample ID: SCH-SWC-7

Lab Sample ID: 680-261991-6

Date Collected: 02/17/25 14:12

Matrix: Water

Date Received: 02/18/25 11:37

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**0.22**		0.080	0.022	mg/L		02/19/25 05:39	02/19/25 12:10	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/19/25 05:39	02/19/25 12:10	1
Calcium	**15**		0.50	0.14	mg/L		02/19/25 05:39	02/19/25 12:10	1
Chromium	**0.0016**	**J**	0.0020	0.0012	mg/L		02/19/25 05:39	02/19/25 12:10	1
Cobalt	**0.0012**	**J**	0.0025	0.00022	mg/L		02/19/25 05:39	02/19/25 12:10	1
Copper	**0.013**		0.0020	0.0011	mg/L		02/19/25 05:39	02/19/25 12:10	1
Lead	**0.00084**	**J**	0.0010	0.00021	mg/L		02/19/25 05:39	02/19/25 12:10	1
Magnesium	**6.6**		0.50	0.023	mg/L		02/19/25 05:39	02/19/25 12:10	1
Nickel	**0.0011**		0.0010	0.00042	mg/L		02/19/25 05:39	02/19/25 12:10	1
Potassium	**1.6**		0.50	0.044	mg/L		02/19/25 05:39	02/19/25 12:10	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/19/25 05:39	02/19/25 12:10	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/19/25 05:39	02/19/25 12:10	1
Sodium	**12**		0.50	0.20	mg/L		02/19/25 05:39	02/19/25 12:10	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/19/25 05:39	02/19/25 12:10	1
Vanadium	**0.0023**		0.0020	0.00063	mg/L		02/19/25 05:39	02/19/25 12:10	1
Zinc	**0.014**		0.0050	0.0028	mg/L		02/19/25 05:39	02/19/25 12:10	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/25/25 11:03	02/25/25 17:04	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**45**		5.0	2.2	mg/L			02/22/25 03:29	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**45**		5.0	2.2	mg/L			02/22/25 03:29	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/22/25 03:29	1
Total Dissolved Solids (SM 2540C-2011)	**130**		10	10	mg/L			02/21/25 14:35	1
Chemical Oxygen Demand (MCAWW 410.4-1993 R2.0)	<5.0		10	5.0	mg/L			02/25/25 10:50	1
Cyanide, Total (SM 4500 CN E-2011)	<0.0060		0.020	0.0060	mg/L		02/19/25 07:02	02/19/25 10:21	1
Total Organic Carbon (TOC) (SM 5310 B-2011)	**2.7**		1.0	0.50	mg/L			02/27/25 01:28	1

Client Sample ID: SCH-SWC-8

Lab Sample ID: 680-261991-7

Date Collected: 02/17/25 13:25

Matrix: Water

Date Received: 02/18/25 11:37

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**9.0**		1.0	0.20	mg/L			02/25/25 02:57	1
Fluoride	<0.040		0.10	0.040	mg/L			02/25/25 02:57	1
Sulfate	**99**		5.0	2.0	mg/L			02/25/25 14:20	5

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/19/25 05:39	02/19/25 12:12	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/19/25 05:39	02/19/25 12:12	1
Barium	**0.058**		0.010	0.00089	mg/L		02/19/25 05:39	02/19/25 12:12	1

Client: Southern Company
Project/Site: Plant Scherer Surface Water

Job ID: 680-261991-1

Client Sample ID: SCH-SWC-8

Date Collected: 02/17/25 13:25
Date Received: 02/18/25 11:37

Lab Sample ID: 680-261991-7

Matrix: Water

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/19/25 05:39	02/19/25 12:12	1
Boron	**0.53**		0.080	0.022	mg/L		02/19/25 05:39	02/19/25 12:12	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/19/25 05:39	02/19/25 12:12	1
Calcium	**20**		0.50	0.14	mg/L		02/19/25 05:39	02/19/25 12:12	1
Chromium	**0.0013**	**J**	0.0020	0.0012	mg/L		02/19/25 05:39	02/19/25 12:12	1
Cobalt	**0.0066**		0.0025	0.00022	mg/L		02/19/25 05:39	02/19/25 12:12	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/19/25 05:39	02/19/25 12:12	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/19/25 05:39	02/19/25 12:12	1
Magnesium	**11**		0.50	0.023	mg/L		02/19/25 05:39	02/19/25 12:12	1
Nickel	**0.0016**		0.0010	0.00042	mg/L		02/19/25 05:39	02/19/25 12:12	1
Potassium	**1.2**		0.50	0.044	mg/L		02/19/25 05:39	02/19/25 12:12	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/19/25 05:39	02/19/25 12:12	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/19/25 05:39	02/19/25 12:12	1
Sodium	**23**		0.50	0.20	mg/L		02/19/25 05:39	02/19/25 12:12	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/19/25 05:39	02/19/25 12:12	1
Vanadium	**0.0013**	**J**	0.0020	0.00063	mg/L		02/19/25 05:39	02/19/25 12:12	1
Zinc	**0.0039**	**J**	0.0050	0.0028	mg/L		02/19/25 05:39	02/19/25 12:12	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/25/25 11:03	02/25/25 17:06	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**39**		5.0	2.2	mg/L			02/22/25 03:20	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**39**		5.0	2.2	mg/L			02/22/25 03:20	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/22/25 03:20	1
Total Dissolved Solids (SM 2540C-2011)	**210**		40	40	mg/L			02/21/25 14:35	1

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography

Lab Sample ID: MB 680-876848/2
Matrix: Water
Analysis Batch: 876848

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.20		1.0	0.20	mg/L			02/24/25 20:02	1
Fluoride	<0.040		0.10	0.040	mg/L			02/24/25 20:02	1
Sulfate	<0.40		1.0	0.40	mg/L			02/24/25 20:02	1

Lab Sample ID: LCS 680-876848/3
Matrix: Water
Analysis Batch: 876848

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	9.89		mg/L		99	90 - 110
Fluoride	2.00	1.90		mg/L		95	90 - 110
Sulfate	10.0	10.8		mg/L		108	90 - 110

Lab Sample ID: LCSD 680-876848/4
Matrix: Water
Analysis Batch: 876848

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	9.87		mg/L		99	90 - 110	0	15
Fluoride	2.00	1.90		mg/L		95	90 - 110	0	15
Sulfate	10.0	10.8		mg/L		108	90 - 110	0	15

Lab Sample ID: 680-261991-5 MS
Matrix: Water
Analysis Batch: 876848

Client Sample ID: SCH-SWC-6
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	2.8		10.0	13.4		mg/L		106	80 - 120
Fluoride	<0.040		2.00	1.87		mg/L		93	80 - 120
Sulfate	2.8		10.0	13.6		mg/L		107	80 - 120

Lab Sample ID: 680-261991-5 MSD
Matrix: Water
Analysis Batch: 876848

Client Sample ID: SCH-SWC-6
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	2.8		10.0	12.9		mg/L		101	80 - 120	4	15
Fluoride	<0.040		2.00	1.77		mg/L		88	80 - 120	6	15
Sulfate	2.8		10.0	12.9		mg/L		101	80 - 120	5	15

Lab Sample ID: MB 680-876912/2
Matrix: Water
Analysis Batch: 876912

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.20		1.0	0.20	mg/L			02/25/25 10:02	1
Fluoride	<0.040		0.10	0.040	mg/L			02/25/25 10:02	1
Sulfate	<0.40		1.0	0.40	mg/L			02/25/25 10:02	1

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 680-876912/3
Matrix: Water
Analysis Batch: 876912

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			10.0	10.2		mg/L		102	90 - 110		
Fluoride			2.00	1.89		mg/L		94	90 - 110		
Sulfate			10.0	10.7		mg/L		107	90 - 110		

Lab Sample ID: LCSD 680-876912/4
Matrix: Water
Analysis Batch: 876912

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			10.0	10.2		mg/L		102	90 - 110	0	15
Fluoride			2.00	1.89		mg/L		94	90 - 110	0	15
Sulfate			10.0	10.8		mg/L		108	90 - 110	1	15

Lab Sample ID: 680-261777-D-1 MS
Matrix: Water
Analysis Batch: 876912

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	9.5		10.0	18.8		mg/L		93	80 - 120		
Fluoride	<0.040		2.00	1.78		mg/L		89	80 - 120		
Sulfate	5.4		10.0	15.6		mg/L		102	80 - 120		

Lab Sample ID: 680-261777-D-1 MSD
Matrix: Water
Analysis Batch: 876912

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	9.5		10.0	19.5		mg/L		101	80 - 120	4	15
Fluoride	<0.040		2.00	1.84		mg/L		92	80 - 120	3	15
Sulfate	5.4		10.0	16.2		mg/L		109	80 - 120	4	15

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 680-876246/1-A
Matrix: Water
Analysis Batch: 876418

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 876246

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/19/25 05:39	02/19/25 11:54	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/19/25 05:39	02/19/25 11:54	1
Barium	<0.00089		0.010	0.00089	mg/L		02/19/25 05:39	02/19/25 11:54	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/19/25 05:39	02/19/25 11:54	1
Boron	<0.022		0.080	0.022	mg/L		02/19/25 05:39	02/19/25 11:54	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/19/25 05:39	02/19/25 11:54	1
Calcium	<0.14		0.50	0.14	mg/L		02/19/25 05:39	02/19/25 11:54	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/19/25 05:39	02/19/25 11:54	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/19/25 05:39	02/19/25 11:54	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/19/25 05:39	02/19/25 11:54	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/19/25 05:39	02/19/25 11:54	1
Magnesium	<0.023		0.50	0.023	mg/L		02/19/25 05:39	02/19/25 11:54	1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 680-876246/1-A
Matrix: Water
Analysis Batch: 876418

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 876246

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	<0.00042		0.0010	0.00042	mg/L		02/19/25 05:39	02/19/25 11:54	1
Potassium	<0.044		0.50	0.044	mg/L		02/19/25 05:39	02/19/25 11:54	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/19/25 05:39	02/19/25 11:54	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/19/25 05:39	02/19/25 11:54	1
Sodium	<0.20		0.50	0.20	mg/L		02/19/25 05:39	02/19/25 11:54	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/19/25 05:39	02/19/25 11:54	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/19/25 05:39	02/19/25 11:54	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/19/25 05:39	02/19/25 11:54	1

Lab Sample ID: LCS 680-876246/2-A
Matrix: Water
Analysis Batch: 876418

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 876246

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.0500	0.0507		mg/L		101	80 - 120
Arsenic	0.100	0.0982		mg/L		98	80 - 120
Barium	0.100	0.103		mg/L		103	80 - 120
Beryllium	0.0500	0.0495		mg/L		99	80 - 120
Boron	0.400	0.403		mg/L		101	80 - 120
Cadmium	0.0500	0.0510		mg/L		102	80 - 120
Calcium	5.00	4.97		mg/L		99	80 - 120
Chromium	0.100	0.0993		mg/L		99	80 - 120
Cobalt	0.0500	0.0512		mg/L		102	80 - 120
Copper	0.101	0.103		mg/L		102	80 - 120
Lead	0.500	0.504		mg/L		101	80 - 120
Magnesium	5.00	5.02		mg/L		100	80 - 120
Nickel	0.100	0.103		mg/L		103	80 - 120
Potassium	7.00	7.11		mg/L		102	80 - 120
Selenium	0.100	0.0969		mg/L		97	80 - 120
Silver	0.0500	0.0522		mg/L		104	80 - 120
Sodium	5.00	5.09		mg/L		102	80 - 120
Thallium	0.0500	0.0490		mg/L		98	80 - 120
Vanadium	0.100	0.0958		mg/L		96	80 - 120
Zinc	0.100	0.102		mg/L		102	80 - 120

Lab Sample ID: 400-271038-E-8-B MS
Matrix: Water
Analysis Batch: 876418

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 876246

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.00034		0.0500	0.0555		mg/L		111	75 - 125
Arsenic	<0.00086		0.100	0.107		mg/L		107	75 - 125
Barium	<0.00089		0.100	0.111		mg/L		111	75 - 125
Beryllium	<0.00020		0.0500	0.0559		mg/L		112	75 - 125
Boron	0.028	J	0.400	0.465		mg/L		109	75 - 125
Cadmium	<0.000078		0.0500	0.0552		mg/L		110	75 - 125
Calcium	0.51		5.00	5.91		mg/L		108	75 - 125
Chromium	<0.0012		0.100	0.109		mg/L		109	75 - 125
Cobalt	<0.00022		0.0500	0.0562		mg/L		112	75 - 125

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 400-271038-E-8-B MS
Matrix: Water
Analysis Batch: 876418

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 876246

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Copper	<0.0011		0.101	0.113		mg/L		112	75 - 125
Lead	<0.00021		0.500	0.547		mg/L		109	75 - 125
Magnesium	0.090	J	5.00	5.71		mg/L		112	75 - 125
Nickel	<0.00042		0.100	0.113		mg/L		113	75 - 125
Potassium	0.28	J	7.00	7.96		mg/L		110	75 - 125
Selenium	<0.00099		0.100	0.105		mg/L		105	75 - 125
Silver	<0.00039		0.0500	0.0561		mg/L		112	75 - 125
Sodium	1.9		5.00	7.61		mg/L		114	75 - 125
Thallium	<0.00026		0.0500	0.0543		mg/L		109	75 - 125
Vanadium	<0.00063		0.100	0.105		mg/L		105	75 - 125
Zinc	<0.0028		0.100	0.111		mg/L		111	75 - 125

Lab Sample ID: 400-271038-E-8-C MSD
Matrix: Water
Analysis Batch: 876418

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 876246

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.00034		0.0500	0.0520		mg/L		104	75 - 125	6	20
Arsenic	<0.00086		0.100	0.100		mg/L		100	75 - 125	6	20
Barium	<0.00089		0.100	0.104		mg/L		104	75 - 125	7	20
Beryllium	<0.00020		0.0500	0.0540		mg/L		108	75 - 125	4	20
Boron	0.028	J	0.400	0.456		mg/L		107	75 - 125	2	20
Cadmium	<0.000078		0.0500	0.0516		mg/L		103	75 - 125	7	20
Calcium	0.51		5.00	5.58		mg/L		101	75 - 125	6	20
Chromium	<0.0012		0.100	0.104		mg/L		104	75 - 125	5	20
Cobalt	<0.00022		0.0500	0.0526		mg/L		105	75 - 125	7	20
Copper	<0.0011		0.101	0.108		mg/L		106	75 - 125	5	20
Lead	<0.00021		0.500	0.514		mg/L		103	75 - 125	6	20
Magnesium	0.090	J	5.00	5.35		mg/L		105	75 - 125	7	20
Nickel	<0.00042		0.100	0.107		mg/L		107	75 - 125	5	20
Potassium	0.28	J	7.00	7.56		mg/L		104	75 - 125	5	20
Selenium	<0.00099		0.100	0.100		mg/L		100	75 - 125	5	20
Silver	<0.00039		0.0500	0.0533		mg/L		107	75 - 125	5	20
Sodium	1.9		5.00	7.22		mg/L		107	75 - 125	5	20
Thallium	<0.00026		0.0500	0.0506		mg/L		101	75 - 125	7	20
Vanadium	<0.00063		0.100	0.0984		mg/L		98	75 - 125	7	20
Zinc	<0.0028		0.100	0.106		mg/L		106	75 - 125	4	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 680-876928/1-A
Matrix: Water
Analysis Batch: 877047

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 876928

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		02/25/25 11:03	02/25/25 16:40	1

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: LCS 680-876928/2-A
Matrix: Water
Analysis Batch: 877047

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 876928

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.00250	0.00273		mg/L		109	80 - 120		

Lab Sample ID: 680-261991-2 MS
Matrix: Water
Analysis Batch: 877047

Client Sample ID: SCH-SWA-2
Prep Type: Total/NA
Prep Batch: 876928

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	<0.000080		0.00100	0.00101		mg/L		101	80 - 120		

Lab Sample ID: 680-261991-2 MSD
Matrix: Water
Analysis Batch: 877047

Client Sample ID: SCH-SWA-2
Prep Type: Total/NA
Prep Batch: 876928

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.000080		0.00100	0.00101		mg/L		101	80 - 120	0	20

Method: 2320B-2011 - Alkalinity, Total

Lab Sample ID: MB 680-876837/4
Matrix: Water
Analysis Batch: 876837

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5	<2.2		5.0	2.2	mg/L			02/22/25 00:33	1
Bicarbonate Alkalinity as CaCO3	<2.2		5.0	2.2	mg/L			02/22/25 00:33	1
Carbonate Alkalinity as CaCO3	<2.2		5.0	2.2	mg/L			02/22/25 00:33	1

Lab Sample ID: LCS 680-876837/6
Matrix: Water
Analysis Batch: 876837

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Alkalinity as CaCO3 to pH 4.5			250	248		mg/L		99	90 - 112		

Lab Sample ID: LCSD 680-876837/31
Matrix: Water
Analysis Batch: 876837

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5			250	250		mg/L		100	90 - 112	1	30

Lab Sample ID: 680-261991-5 DU
Matrix: Water
Analysis Batch: 876837

Client Sample ID: SCH-SWC-6
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	41		38.8		mg/L		5	30
Bicarbonate Alkalinity as CaCO3	41		38.8		mg/L		5	30

Method: 2320B-2011 - Alkalinity, Total (Continued)

Lab Sample ID: 680-261991-5 DU
Matrix: Water
Analysis Batch: 876837

Client Sample ID: SCH-SWC-6
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Carbonate Alkalinity as CaCO3	<2.2			<2.2		mg/L				NC	30

Method: 2540C-2011 - Total Dissolved Solids (Dried at 180 °C)

Lab Sample ID: MB 680-876657/1
Matrix: Water
Analysis Batch: 876657

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			02/21/25 14:35	1

Lab Sample ID: LCS 680-876657/2
Matrix: Water
Analysis Batch: 876657

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids			2440	2400		mg/L		98	80 - 120		

Lab Sample ID: LCSD 680-876657/3
Matrix: Water
Analysis Batch: 876657

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids			2440	2390		mg/L		98	80 - 120	1	25

Lab Sample ID: 680-262079-A-1 DU
Matrix: Water
Analysis Batch: 876657

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	260			248		mg/L				5	5

Lab Sample ID: 680-262079-A-2 DU
Matrix: Water
Analysis Batch: 876657

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	230			230		mg/L				2	5

Method: 410.4-1993 R2.0 - COD

Lab Sample ID: MB 680-876923/3
Matrix: Water
Analysis Batch: 876923

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chemical Oxygen Demand	<5.0		10	5.0	mg/L			02/25/25 10:50	1

Method: 410.4-1993 R2.0 - COD (Continued)

Lab Sample ID: LCS 680-876923/4
Matrix: Water
Analysis Batch: 876923

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chemical Oxygen Demand			50.0	49.2		mg/L		98	90 - 110		

Lab Sample ID: 680-262065-B-2 MS
Matrix: Water
Analysis Batch: 876923

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chemical Oxygen Demand	5.9	J F1	50.0	45.5	F1	mg/L		79	90 - 110		

Lab Sample ID: 680-262065-B-2 MSD
Matrix: Water
Analysis Batch: 876923

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chemical Oxygen Demand	5.9	J F1	50.0	45.5	F1	mg/L		79	90 - 110	0	30

Method: 4500 CN E-2011 - Cyanide, Total: Colorimetric Method

Lab Sample ID: MB 680-876255/12-A
Matrix: Water
Analysis Batch: 876329

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 876255

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.0060		0.020	0.0060	mg/L		02/19/25 07:02	02/19/25 10:07	1

Lab Sample ID: LCS 680-876255/13-A
Matrix: Water
Analysis Batch: 876329

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 876255

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Total			0.0500	0.0491		mg/L		98	90 - 110		

Lab Sample ID: 680-261991-1 MS
Matrix: Water
Analysis Batch: 876329

Client Sample ID: SCH-SWA-1
Prep Type: Total/NA
Prep Batch: 876255

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Total	<0.0060		0.0500	0.0523		mg/L		105	90 - 110		

Lab Sample ID: 680-261991-1 MSD
Matrix: Water
Analysis Batch: 876329

Client Sample ID: SCH-SWA-1
Prep Type: Total/NA
Prep Batch: 876255

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	<0.0060		0.0500	0.0485		mg/L		97	90 - 110	7	20

Method: 5310 B-2011 - Organic Carbon, Total (TOC)

Lab Sample ID: MB 680-877239/2
Matrix: Water
Analysis Batch: 877239

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (TOC)	<0.50		1.0	0.50	mg/L			02/26/25 22:44	1

Lab Sample ID: LCS 680-877239/3
Matrix: Water
Analysis Batch: 877239

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Organic Carbon (TOC)			20.0	19.8		mg/L		99	80 - 120		

Lab Sample ID: LCSD 680-877239/4
Matrix: Water
Analysis Batch: 877239

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Organic Carbon (TOC)			20.0	19.9		mg/L		99	80 - 120	0	25

Lab Sample ID: 680-261991-1 DU
Matrix: Water
Analysis Batch: 877239

Client Sample ID: SCH-SWA-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Organic Carbon (TOC)	3.7			3.64		mg/L				1	25

QC Association Summary

Client: Southern Company
Project/Site: Plant Scherer Surface Water

Job ID: 680-261991-1

HPLC/IC

Analysis Batch: 876848

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-261991-1	SCH-SWA-1	Total/NA	Water	300.0-1993 R2.1	
680-261991-2	SCH-SWA-2	Total/NA	Water	300.0-1993 R2.1	
680-261991-3	SCH-SWA-3	Total/NA	Water	300.0-1993 R2.1	
680-261991-4	SCH-SWC-4	Total/NA	Water	300.0-1993 R2.1	
680-261991-5	SCH-SWC-6	Total/NA	Water	300.0-1993 R2.1	
680-261991-6	SCH-SWC-7	Total/NA	Water	300.0-1993 R2.1	
680-261991-7	SCH-SWC-8	Total/NA	Water	300.0-1993 R2.1	
MB 680-876848/2	Method Blank	Total/NA	Water	300.0-1993 R2.1	
LCS 680-876848/3	Lab Control Sample	Total/NA	Water	300.0-1993 R2.1	
LCSD 680-876848/4	Lab Control Sample Dup	Total/NA	Water	300.0-1993 R2.1	
680-261991-5 MS	SCH-SWC-6	Total/NA	Water	300.0-1993 R2.1	
680-261991-5 MSD	SCH-SWC-6	Total/NA	Water	300.0-1993 R2.1	

Analysis Batch: 876912

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-261991-7	SCH-SWC-8	Total/NA	Water	300.0-1993 R2.1	
MB 680-876912/2	Method Blank	Total/NA	Water	300.0-1993 R2.1	
LCS 680-876912/3	Lab Control Sample	Total/NA	Water	300.0-1993 R2.1	
LCSD 680-876912/4	Lab Control Sample Dup	Total/NA	Water	300.0-1993 R2.1	
680-261777-D-1 MS	Matrix Spike	Total/NA	Water	300.0-1993 R2.1	
680-261777-D-1 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0-1993 R2.1	

Metals

Prep Batch: 876246

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-261991-1	SCH-SWA-1	Total Recoverable	Water	3005A	
680-261991-2	SCH-SWA-2	Total Recoverable	Water	3005A	
680-261991-3	SCH-SWA-3	Total Recoverable	Water	3005A	
680-261991-4	SCH-SWC-4	Total Recoverable	Water	3005A	
680-261991-5	SCH-SWC-6	Total Recoverable	Water	3005A	
680-261991-6	SCH-SWC-7	Total Recoverable	Water	3005A	
680-261991-7	SCH-SWC-8	Total Recoverable	Water	3005A	
MB 680-876246/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-876246/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
400-271038-E-8-B MS	Matrix Spike	Total Recoverable	Water	3005A	
400-271038-E-8-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Analysis Batch: 876418

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-261991-1	SCH-SWA-1	Total Recoverable	Water	6020B	876246
680-261991-2	SCH-SWA-2	Total Recoverable	Water	6020B	876246
680-261991-3	SCH-SWA-3	Total Recoverable	Water	6020B	876246
680-261991-4	SCH-SWC-4	Total Recoverable	Water	6020B	876246
680-261991-5	SCH-SWC-6	Total Recoverable	Water	6020B	876246
680-261991-6	SCH-SWC-7	Total Recoverable	Water	6020B	876246
680-261991-7	SCH-SWC-8	Total Recoverable	Water	6020B	876246
MB 680-876246/1-A	Method Blank	Total Recoverable	Water	6020B	876246
LCS 680-876246/2-A	Lab Control Sample	Total Recoverable	Water	6020B	876246
400-271038-E-8-B MS	Matrix Spike	Total Recoverable	Water	6020B	876246
400-271038-E-8-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020B	876246

QC Association Summary

Client: Southern Company
Project/Site: Plant Scherer Surface Water

Job ID: 680-261991-1

Metals

Prep Batch: 876928

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-261991-1	SCH-SWA-1	Total/NA	Water	7470A	
680-261991-2	SCH-SWA-2	Total/NA	Water	7470A	
680-261991-3	SCH-SWA-3	Total/NA	Water	7470A	
680-261991-4	SCH-SWC-4	Total/NA	Water	7470A	
680-261991-5	SCH-SWC-6	Total/NA	Water	7470A	
680-261991-6	SCH-SWC-7	Total/NA	Water	7470A	
680-261991-7	SCH-SWC-8	Total/NA	Water	7470A	
MB 680-876928/1-A	Method Blank	Total/NA	Water	7470A	
LCS 680-876928/2-A	Lab Control Sample	Total/NA	Water	7470A	
680-261991-2 MS	SCH-SWA-2	Total/NA	Water	7470A	
680-261991-2 MSD	SCH-SWA-2	Total/NA	Water	7470A	

Analysis Batch: 877047

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-261991-1	SCH-SWA-1	Total/NA	Water	7470A	876928
680-261991-2	SCH-SWA-2	Total/NA	Water	7470A	876928
680-261991-3	SCH-SWA-3	Total/NA	Water	7470A	876928
680-261991-4	SCH-SWC-4	Total/NA	Water	7470A	876928
680-261991-5	SCH-SWC-6	Total/NA	Water	7470A	876928
680-261991-6	SCH-SWC-7	Total/NA	Water	7470A	876928
680-261991-7	SCH-SWC-8	Total/NA	Water	7470A	876928
MB 680-876928/1-A	Method Blank	Total/NA	Water	7470A	876928
LCS 680-876928/2-A	Lab Control Sample	Total/NA	Water	7470A	876928
680-261991-2 MS	SCH-SWA-2	Total/NA	Water	7470A	876928
680-261991-2 MSD	SCH-SWA-2	Total/NA	Water	7470A	876928

General Chemistry

Prep Batch: 876255

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-261991-1	SCH-SWA-1	Total/NA	Water	Distill/CN	
680-261991-2	SCH-SWA-2	Total/NA	Water	Distill/CN	
680-261991-3	SCH-SWA-3	Total/NA	Water	Distill/CN	
680-261991-6	SCH-SWC-7	Total/NA	Water	Distill/CN	
MB 680-876255/12-A	Method Blank	Total/NA	Water	Distill/CN	
LCS 680-876255/13-A	Lab Control Sample	Total/NA	Water	Distill/CN	
680-261991-1 MS	SCH-SWA-1	Total/NA	Water	Distill/CN	
680-261991-1 MSD	SCH-SWA-1	Total/NA	Water	Distill/CN	

Analysis Batch: 876329

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-261991-1	SCH-SWA-1	Total/NA	Water	4500 CN E-2011	876255
680-261991-2	SCH-SWA-2	Total/NA	Water	4500 CN E-2011	876255
680-261991-3	SCH-SWA-3	Total/NA	Water	4500 CN E-2011	876255
680-261991-6	SCH-SWC-7	Total/NA	Water	4500 CN E-2011	876255
MB 680-876255/12-A	Method Blank	Total/NA	Water	4500 CN E-2011	876255
LCS 680-876255/13-A	Lab Control Sample	Total/NA	Water	4500 CN E-2011	876255
680-261991-1 MS	SCH-SWA-1	Total/NA	Water	4500 CN E-2011	876255
680-261991-1 MSD	SCH-SWA-1	Total/NA	Water	4500 CN E-2011	876255

QC Association Summary

Client: Southern Company
Project/Site: Plant Scherer Surface Water

Job ID: 680-261991-1

General Chemistry

Analysis Batch: 876657

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-261991-1	SCH-SWA-1	Total/NA	Water	2540C-2011	
680-261991-2	SCH-SWA-2	Total/NA	Water	2540C-2011	
680-261991-3	SCH-SWA-3	Total/NA	Water	2540C-2011	
680-261991-4	SCH-SWC-4	Total/NA	Water	2540C-2011	
680-261991-5	SCH-SWC-6	Total/NA	Water	2540C-2011	
680-261991-6	SCH-SWC-7	Total/NA	Water	2540C-2011	
680-261991-7	SCH-SWC-8	Total/NA	Water	2540C-2011	
MB 680-876657/1	Method Blank	Total/NA	Water	2540C-2011	
LCS 680-876657/2	Lab Control Sample	Total/NA	Water	2540C-2011	
LCSD 680-876657/3	Lab Control Sample Dup	Total/NA	Water	2540C-2011	
680-262079-A-1 DU	Duplicate	Total/NA	Water	2540C-2011	
680-262079-A-2 DU	Duplicate	Total/NA	Water	2540C-2011	

Analysis Batch: 876837

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-261991-1	SCH-SWA-1	Total/NA	Water	2320B-2011	
680-261991-2	SCH-SWA-2	Total/NA	Water	2320B-2011	
680-261991-3	SCH-SWA-3	Total/NA	Water	2320B-2011	
680-261991-4	SCH-SWC-4	Total/NA	Water	2320B-2011	
680-261991-5	SCH-SWC-6	Total/NA	Water	2320B-2011	
680-261991-6	SCH-SWC-7	Total/NA	Water	2320B-2011	
680-261991-7	SCH-SWC-8	Total/NA	Water	2320B-2011	
MB 680-876837/4	Method Blank	Total/NA	Water	2320B-2011	
LCS 680-876837/6	Lab Control Sample	Total/NA	Water	2320B-2011	
LCSD 680-876837/31	Lab Control Sample Dup	Total/NA	Water	2320B-2011	
680-261991-5 DU	SCH-SWC-6	Total/NA	Water	2320B-2011	

Analysis Batch: 876923

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-261991-1	SCH-SWA-1	Total/NA	Water	410.4-1993 R2.0	
680-261991-2	SCH-SWA-2	Total/NA	Water	410.4-1993 R2.0	
680-261991-3	SCH-SWA-3	Total/NA	Water	410.4-1993 R2.0	
680-261991-6	SCH-SWC-7	Total/NA	Water	410.4-1993 R2.0	
MB 680-876923/3	Method Blank	Total/NA	Water	410.4-1993 R2.0	
LCS 680-876923/4	Lab Control Sample	Total/NA	Water	410.4-1993 R2.0	
680-262065-B-2 MS	Matrix Spike	Total/NA	Water	410.4-1993 R2.0	
680-262065-B-2 MSD	Matrix Spike Duplicate	Total/NA	Water	410.4-1993 R2.0	

Analysis Batch: 877239

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-261991-1	SCH-SWA-1	Total/NA	Water	5310 B-2011	
680-261991-2	SCH-SWA-2	Total/NA	Water	5310 B-2011	
680-261991-3	SCH-SWA-3	Total/NA	Water	5310 B-2011	
680-261991-6	SCH-SWC-7	Total/NA	Water	5310 B-2011	
MB 680-877239/2	Method Blank	Total/NA	Water	5310 B-2011	
LCS 680-877239/3	Lab Control Sample	Total/NA	Water	5310 B-2011	
LCSD 680-877239/4	Lab Control Sample Dup	Total/NA	Water	5310 B-2011	
680-261991-1 DU	SCH-SWA-1	Total/NA	Water	5310 B-2011	

Lab Chronicle

Client: Southern Company
Project/Site: Plant Scherer Surface Water

Job ID: 680-261991-1

Client Sample ID: SCH-SWA-1

Date Collected: 02/17/25 11:44
Date Received: 02/18/25 11:37

Lab Sample ID: 680-261991-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		2	5 mL	5 mL	876848	02/25/25 00:01	AF	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	876246	02/19/25 05:39	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876418	02/19/25 12:48	BWR	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	876928	02/25/25 11:03	MG	EET SAV
Total/NA	Analysis	7470A		1			877047	02/25/25 16:59	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			876837	02/22/25 02:06	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	876657	02/21/25 14:35	PG	EET SAV
	Instrument ID: NOEQUIP									
Total/NA	Analysis	410.4-1993 R2.0		1	2 mL	2 mL	876923	02/25/25 10:50	NVF	EET SAV
	Instrument ID: SPC7									
Total/NA	Prep	Distill/CN			6 mL	6 mL	876255	02/19/25 07:02	JAS	EET SAV
Total/NA	Analysis	4500 CN E-2011		1			876329	02/19/25 10:11	JAS	EET SAV
	Instrument ID: SEAL 3									
Total/NA	Analysis	5310 B-2011		1	40 mL	40 mL	877239	02/27/25 00:14	KMB	EET SAV
	Instrument ID: TOC8									

Client Sample ID: SCH-SWA-2

Date Collected: 02/17/25 15:38
Date Received: 02/18/25 11:37

Lab Sample ID: 680-261991-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		10	5 mL	5 mL	876848	02/25/25 00:11	AF	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	876246	02/19/25 05:39	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876418	02/19/25 12:56	BWR	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	876928	02/25/25 11:03	MG	EET SAV
Total/NA	Analysis	7470A		1			877047	02/25/25 16:45	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			876837	02/22/25 02:15	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	50 mL	200 mL	876657	02/21/25 14:35	PG	EET SAV
	Instrument ID: NOEQUIP									
Total/NA	Analysis	410.4-1993 R2.0		1	2 mL	2 mL	876923	02/25/25 10:50	NVF	EET SAV
	Instrument ID: SPC7									
Total/NA	Prep	Distill/CN			6 mL	6 mL	876255	02/19/25 07:02	JAS	EET SAV
Total/NA	Analysis	4500 CN E-2011		1			876329	02/19/25 10:17	JAS	EET SAV
	Instrument ID: SEAL 3									
Total/NA	Analysis	5310 B-2011		1	40 mL	40 mL	877239	02/27/25 00:52	KMB	EET SAV
	Instrument ID: TOC8									

Lab Chronicle

Client: Southern Company
Project/Site: Plant Scherer Surface Water

Job ID: 680-261991-1

Client Sample ID: SCH-SWA-3

Lab Sample ID: 680-261991-3

Date Collected: 02/17/25 12:59

Matrix: Water

Date Received: 02/18/25 11:37

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		5	5 mL	5 mL	876848	02/25/25 00:21	AF	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	876246	02/19/25 05:39	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876418	02/19/25 12:58	BWR	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	876928	02/25/25 11:03	MG	EET SAV
Total/NA	Analysis	7470A		1			877047	02/25/25 16:56	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			876837	02/22/25 03:12	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	876657	02/21/25 14:35	PG	EET SAV
	Instrument ID: NOEQUIP									
Total/NA	Analysis	410.4-1993 R2.0		1	2 mL	2 mL	876923	02/25/25 10:50	NVF	EET SAV
	Instrument ID: SPC7									
Total/NA	Prep	Distill/CN			6 mL	6 mL	876255	02/19/25 07:02	JAS	EET SAV
Total/NA	Analysis	4500 CN E-2011		1			876329	02/19/25 10:19	JAS	EET SAV
	Instrument ID: SEAL 3									
Total/NA	Analysis	5310 B-2011		1	40 mL	40 mL	877239	02/27/25 01:09	KMB	EET SAV
	Instrument ID: TOC8									

Client Sample ID: SCH-SWC-4

Lab Sample ID: 680-261991-4

Date Collected: 02/17/25 14:48

Matrix: Water

Date Received: 02/18/25 11:37

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		5	5 mL	5 mL	876848	02/25/25 00:30	AF	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	876246	02/19/25 05:39	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876418	02/19/25 13:01	BWR	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	876928	02/25/25 11:03	MG	EET SAV
Total/NA	Analysis	7470A		1			877047	02/25/25 17:01	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			876837	02/22/25 02:23	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	876657	02/21/25 14:35	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-SWC-6

Lab Sample ID: 680-261991-5

Date Collected: 02/17/25 13:55

Matrix: Water

Date Received: 02/18/25 11:37

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	876848	02/25/25 01:19	AF	EET SAV
	Instrument ID: CICP									

Lab Chronicle

Client: Southern Company
Project/Site: Plant Scherer Surface Water

Job ID: 680-261991-1

Client Sample ID: SCH-SWC-6

Lab Sample ID: 680-261991-5

Date Collected: 02/17/25 13:55

Matrix: Water

Date Received: 02/18/25 11:37

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			25 mL	125 mL	876246	02/19/25 05:39	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876418	02/19/25 13:04	BWR	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	876928	02/25/25 11:03	MG	EET SAV
Total/NA	Analysis	7470A		1			877047	02/25/25 17:08	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			876837	02/22/25 02:54	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	876657	02/21/25 14:35	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-SWC-7

Lab Sample ID: 680-261991-6

Date Collected: 02/17/25 14:12

Matrix: Water

Date Received: 02/18/25 11:37

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		5	5 mL	5 mL	876848	02/25/25 01:49	AF	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	876246	02/19/25 05:39	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876418	02/19/25 12:10	BWR	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	876928	02/25/25 11:03	MG	EET SAV
Total/NA	Analysis	7470A		1			877047	02/25/25 17:04	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			876837	02/22/25 03:29	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	876657	02/21/25 14:35	PG	EET SAV
	Instrument ID: NOEQUIP									
Total/NA	Analysis	410.4-1993 R2.0		1	2 mL	2 mL	876923	02/25/25 10:50	NVF	EET SAV
	Instrument ID: SPC7									
Total/NA	Prep	Distill/CN			6 mL	6 mL	876255	02/19/25 07:02	JAS	EET SAV
Total/NA	Analysis	4500 CN E-2011		1			876329	02/19/25 10:21	JAS	EET SAV
	Instrument ID: SEAL 3									
Total/NA	Analysis	5310 B-2011		1	40 mL	40 mL	877239	02/27/25 01:28	KMB	EET SAV
	Instrument ID: TOC8									

Client Sample ID: SCH-SWC-8

Lab Sample ID: 680-261991-7

Date Collected: 02/17/25 13:25

Matrix: Water

Date Received: 02/18/25 11:37

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	876848	02/25/25 02:57	AF	EET SAV
	Instrument ID: CICP									
Total/NA	Analysis	300.0-1993 R2.1		5	2 mL	2 mL	876912	02/25/25 14:20	AF	EET SAV
	Instrument ID: CICR									

Lab Chronicle

Client: Southern Company
Project/Site: Plant Scherer Surface Water

Job ID: 680-261991-1

Client Sample ID: SCH-SWC-8

Date Collected: 02/17/25 13:25
Date Received: 02/18/25 11:37

Lab Sample ID: 680-261991-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			25 mL	125 mL	876246	02/19/25 05:39	RR	EET SAV
Total Recoverable	Analysis	6020B		1			876418	02/19/25 12:12	BWR	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	876928	02/25/25 11:03	MG	EET SAV
Total/NA	Analysis	7470A		1			877047	02/25/25 17:06	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			876837	02/22/25 03:20	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	50 mL	200 mL	876657	02/21/25 14:35	PG	EET SAV
	Instrument ID: NOEQUIP									

Laboratory References:

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Accreditation/Certification Summary

Client: Southern Company
Job ID: 680-261991-1
Project/Site: Plant Scherer Surface Water

Laboratory: Eurofins Savannah

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87052	06-30-25
Georgia	State	E87052	06-30-25

Method Summary

Client: Southern Company
Project/Site: Plant Scherer Surface Water

Job ID: 680-261991-1

Method	Method Description	Protocol	Laboratory
300.0-1993 R2.1	Anions, Ion Chromatography	MCAWW	EET SAV
6020B	Metals (ICP/MS)	SW846	EET SAV
7470A	Mercury (CVAA)	SW846	EET SAV
2320B-2011	Alkalinity, Total	SM	EET SAV
2540C-2011	Total Dissolved Solids (Dried at 180 °C)	SM	EET SAV
410.4-1993 R2.0	COD	MCAWW	EET SAV
4500 CN E-2011	Cyanide, Total: Colorimetric Method	SM	EET SAV
5310 B-2011	Organic Carbon, Total (TOC)	SM	EET SAV
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET SAV
7470A	Preparation, Mercury	SW846	EET SAV
Distill/CN	Distillation, Cyanide	None	EET SAV

Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.
None = None
SM = "Standard Methods For The Examination Of Water And Wastewater"
SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Phone (912) 354-7858 Phone (912) 352-0165

Chain of Custody Record

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Client Information	Sampler(s): Mark Mann	Lab PM / Phone: David Fuller / 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: Joju Abraham	Site-Project Manager / Phone: Dawn Prell / 248-536-5445	E-Mail: David.Fuller@et.eurofinsus.com	State of Origin: GA	Page: Page 1 of 1
Company: Southern Company				Job #:
Address: 241 Ralph McGill Blvd SE B10185	Due Date Requested:			
City: Atlanta	TAT Requested (days): 2 weeks			
State, Zip: GA, 30308	Compliance Project: Δ Yes Δ No			
Phone:	Lab Project #: (DO NOT REMOVE) 68027798			
Email: JAbraham@southernco.com	Lab PO #: GPC82130-0006 / PO Line #3 & #4			
Project Name: Plant Scherer Surface Water	Project #:			
Site:				

Analysis Requested

Loc: 680
261991

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)
Other:

Task_Code: SCH-CSURF-ASSMT-2025S1

Special Instructions/Notes:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C - Solids, Total Dissolved (TDS)	6020B - App III, State (15) Metals + Cations (Mg, K, Na)	7470A - Mercury	2320B - Alkalinity, Total, Carb/Bicarb	410.4 - Chemical Oxygen Demand	4500_CN_E - Cyanide, Total	5310C - TOC	Total Number of containers
			Preservation Code:				N	N	D	D	N	S	B	S	
SCH-SWA-1	2/17/25	11:44	G	WS	N	N	X	X	X	X	X	X	X	X	8
SCH-SWA-2	2/17/25	15:38	G	WS	N	N	X	X	X	X	X	X	X	X	8
SCH-SWA-3	2/17/25	12:59	G	WS	N	N	X	X	X	X	X	X	X	X	8
SCH-SWC-4	2/17/25	14:48	G	WS	N	N	X	X	X	X	X				4
SCH-SWC-6	2/17/25	13:55	G	WS	N	N	X	X	X	X	X				4
SCH-SWC-7	2/17/25	14:12	G	WS	N	N	X	X	X	X	X	X	X	X	8
~~SCG-SWC-8~~ SCH-SWC-8	2/17/25	13:25	G	WS	N	N	X	X	X	X	X				4

680-261991 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ ammable Skin ☐ Poison B ☐ hown Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ eturn To Client ☐ sposal By Lab ☐ chive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
MARK MANN /	2/18/25 0840	WSP	Yolanda Lucear	2/18/25 0840	COURIERNOW
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 1137	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 2.8/2.8

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-261991-1

Login Number: 261991
List Number: 1
Creator: Faught, Timothy

List Source: Eurofins Savannah

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Joju Abraham
Southern Company
241 Ralph McGill Blvd SE
B10185
Atlanta, Georgia 30308

Generated 3/11/2025 6:59:30 PM

JOB DESCRIPTION

CCR - Plant Scherer PAC Ash Cell

JOB NUMBER

680-262298-1

Eurofins Savannah
5102 LaRoche Avenue
Savannah GA 31404

See page two for job notes and contact information.

my EOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization



Generated
3/11/2025 6:59:30 PM

Authorized for release by
David Fuller, Project Manager
David.Fuller@et.eurofinsus.com
(770)344-8986

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Sample Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-262298-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-262298-1	SCH-GWC-29	Water	02/26/25 14:13	02/27/25 11:31
680-262298-2	SCH-GWA-45	Water	02/26/25 10:25	02/27/25 11:31
680-262298-3	SCH-GWA-46	Water	02/26/25 09:46	02/27/25 11:31
680-262298-4	SCH-GWA-47	Water	02/26/25 11:01	02/27/25 11:31
680-262298-5	SCH-GWA-48	Water	02/26/25 12:24	02/27/25 11:31
680-262298-6	SCH-GWA-49	Water	02/26/25 14:11	02/27/25 11:31
680-262298-7	SCH-GWC-50	Water	02/26/25 15:27	02/27/25 11:31
680-262298-8	SCH-GWC-51	Water	02/26/25 12:45	02/27/25 11:31
680-262298-9	SCH-GWC-52	Water	02/26/25 11:40	02/27/25 11:31
680-262298-10	SCH-PAC-FB-7	Water	02/26/25 13:00	02/27/25 11:31
680-262298-11	SCH-PAC-EB-7	Water	02/26/25 10:45	02/27/25 11:31
680-262298-12	SCH-PAC-FD-8	Water	02/26/25 00:00	02/27/25 11:31
680-262298-13	SCH-PAC-FB-8	Water	02/26/25 14:25	02/27/25 11:31
680-262298-14	SCH-PAC-EB-8	Water	02/26/25 09:56	02/27/25 11:31

Job ID: 680-262298-1 — Eurofins Savannah

Job Narrative
680-262298-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Receipt
The samples were received on 2/27/2025 11:31 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 5 coolers at receipt time were 0.9°C, 2.0°C, 2.1°C, 3.4°C and 4.2°C.

HPLC/IC
Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batches 680-878139 and 680-878140 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for analytical batches 680-878211 and 680-878279 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
Method 2540C: A lesser volume of sample was used for the following samples due to the nature of the sample matrix resulting in elevated reporting limits: SCH-GWA-45 (680-262298-2) and SCH-GWC-52 (680-262298-9).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client Sample ID: SCH-GWC-29
Lab Sample ID: 680-262298-1
Date Collected: 02/26/25 14:13
Matrix: Water
Date Received: 02/27/25 11:31

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3.3**		1.0	0.20	mg/L			03/07/25 01:16	1
Fluoride	<0.040		0.10	0.040	mg/L			03/07/25 01:16	1
Sulfate	**2.0**		1.0	0.40	mg/L			03/07/25 01:16	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/28/25 04:52	03/03/25 12:40	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/28/25 04:52	03/03/25 12:40	1
Barium	**0.018**		0.010	0.00089	mg/L		02/28/25 04:52	03/03/25 12:40	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/28/25 04:52	03/03/25 12:40	1
Boron	<0.022		0.080	0.022	mg/L		02/28/25 04:52	03/03/25 12:40	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/28/25 04:52	03/03/25 12:40	1
Calcium	**18**		0.50	0.14	mg/L		02/28/25 04:52	03/03/25 12:40	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/28/25 04:52	03/03/25 12:40	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/28/25 04:52	03/03/25 12:40	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/28/25 04:52	03/03/25 12:40	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/28/25 04:52	03/03/25 12:40	1
Magnesium	**11**		0.50	0.023	mg/L		02/28/25 04:52	03/03/25 12:40	1
Nickel	**0.0027**		0.0010	0.00042	mg/L		02/28/25 04:52	03/03/25 12:40	1
Potassium	**0.63**		0.50	0.044	mg/L		02/28/25 04:52	03/03/25 12:40	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/28/25 04:52	03/03/25 12:40	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/28/25 04:52	03/03/25 12:40	1
Sodium	**5.9**		0.50	0.20	mg/L		02/28/25 04:52	03/03/25 12:40	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/28/25 04:52	03/03/25 12:40	1
Vanadium	**0.0056**		0.0020	0.00063	mg/L		02/28/25 04:52	03/03/25 12:40	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/28/25 04:52	03/03/25 12:40	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/07/25 12:30	03/07/25 17:46	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**89**		5.0	2.2	mg/L			02/28/25 21:01	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**89**		5.0	2.2	mg/L			02/28/25 21:01	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/28/25 21:01	1
Total Dissolved Solids (SM 2540C-2011)	**110**		10	10	mg/L			02/28/25 14:16	1

Client Sample ID: SCH-GWA-45
Lab Sample ID: 680-262298-2
Date Collected: 02/26/25 10:25
Matrix: Water
Date Received: 02/27/25 11:31

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**12**		10	2.0	mg/L			03/07/25 14:54	10
Fluoride	<0.40		1.0	0.40	mg/L			03/07/25 14:54	10
Sulfate	**150**		10	4.0	mg/L			03/07/25 14:54	10

Client Sample ID: SCH-GWA-45

Lab Sample ID: 680-262298-2

Date Collected: 02/26/25 10:25

Matrix: Water

Date Received: 02/27/25 11:31

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/28/25 04:52	03/03/25 14:07	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/28/25 04:52	03/03/25 14:07	1
Barium	**0.052**		0.010	0.00089	mg/L		02/28/25 04:52	03/03/25 14:07	1
Beryllium	**0.00022**	**J**	0.0025	0.00020	mg/L		02/28/25 04:52	03/03/25 14:07	1
Boron	**1.0**		0.080	0.022	mg/L		02/28/25 04:52	03/04/25 10:01	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/28/25 04:52	03/03/25 14:07	1
Calcium	**26**		0.50	0.14	mg/L		02/28/25 04:52	03/03/25 14:07	1
Chromium	**0.0012**	**J**	0.0020	0.0012	mg/L		02/28/25 04:52	03/03/25 14:07	1
Cobalt	**0.00072**	**J**	0.0025	0.00022	mg/L		02/28/25 04:52	03/03/25 14:07	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/28/25 04:52	03/03/25 14:07	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/28/25 04:52	03/03/25 14:07	1
Magnesium	**8.1**		0.50	0.023	mg/L		02/28/25 04:52	03/03/25 14:07	1
Nickel	**0.00053**	**J**	0.0010	0.00042	mg/L		02/28/25 04:52	03/03/25 14:07	1
Potassium	**2.4**		0.50	0.044	mg/L		02/28/25 04:52	03/03/25 14:07	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/28/25 04:52	03/03/25 14:07	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/28/25 04:52	03/03/25 14:07	1
Sodium	**48**		0.50	0.20	mg/L		02/28/25 04:52	03/03/25 14:07	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/28/25 04:52	03/03/25 14:07	1
Vanadium	**0.0082**		0.0020	0.00063	mg/L		02/28/25 04:52	03/03/25 14:07	1
Zinc	**0.0055**		0.0050	0.0028	mg/L		02/28/25 04:52	03/03/25 14:07	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/07/25 11:00	03/07/25 15:33	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**40**		5.0	2.2	mg/L			02/28/25 21:55	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**40**		5.0	2.2	mg/L			02/28/25 21:55	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/28/25 21:55	1
Total Dissolved Solids (SM 2540C-2011)	**280**		40	40	mg/L			02/28/25 14:16	1

Client Sample ID: SCH-GWA-46

Lab Sample ID: 680-262298-3

Date Collected: 02/26/25 09:46

Matrix: Water

Date Received: 02/27/25 11:31

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**5.8**		1.0	0.20	mg/L			03/07/25 15:04	1
Fluoride	<0.040		0.10	0.040	mg/L			03/07/25 15:04	1
Sulfate	<0.40		1.0	0.40	mg/L			03/07/25 15:04	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/28/25 04:52	03/03/25 14:01	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/28/25 04:52	03/03/25 14:01	1
Barium	**0.023**		0.010	0.00089	mg/L		02/28/25 04:52	03/03/25 14:01	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/28/25 04:52	03/03/25 14:01	1

Client Sample ID: SCH-GWA-46

Date Collected: 02/26/25 09:46
Date Received: 02/27/25 11:31

Lab Sample ID: 680-262298-3

Matrix: Water

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.022		0.080	0.022	mg/L		02/28/25 04:52	03/04/25 10:05	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/28/25 04:52	03/03/25 14:01	1
Calcium	**6.1**		0.50	0.14	mg/L		02/28/25 04:52	03/03/25 14:01	1
Chromium	**0.0048**		0.0020	0.0012	mg/L		02/28/25 04:52	03/03/25 14:01	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/28/25 04:52	03/03/25 14:01	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/28/25 04:52	03/03/25 14:01	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/28/25 04:52	03/03/25 14:01	1
Magnesium	**3.1**		0.50	0.023	mg/L		02/28/25 04:52	03/03/25 14:01	1
Nickel	**0.00049**	**J**	0.0010	0.00042	mg/L		02/28/25 04:52	03/03/25 14:01	1
Potassium	**0.70**		0.50	0.044	mg/L		02/28/25 04:52	03/03/25 14:01	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/28/25 04:52	03/03/25 14:01	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/28/25 04:52	03/03/25 14:01	1
Sodium	**4.4**		0.50	0.20	mg/L		02/28/25 04:52	03/03/25 14:01	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/28/25 04:52	03/03/25 14:01	1
Vanadium	**0.0069**		0.0020	0.00063	mg/L		02/28/25 04:52	03/03/25 14:01	1
Zinc	**0.0035**	**J**	0.0050	0.0028	mg/L		02/28/25 04:52	03/03/25 14:01	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/07/25 11:00	03/07/25 14:57	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**33**		5.0	2.2	mg/L			02/28/25 21:32	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**33**		5.0	2.2	mg/L			02/28/25 21:32	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/28/25 21:32	1
Total Dissolved Solids (SM 2540C-2011)	**68**		10	10	mg/L			02/28/25 14:16	1

Client Sample ID: SCH-GWA-47

Date Collected: 02/26/25 11:01
Date Received: 02/27/25 11:31

Lab Sample ID: 680-262298-4

Matrix: Water

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1.8**	**F1**	1.0	0.20	mg/L			03/07/25 15:33	1
Fluoride	<0.040	F1	0.10	0.040	mg/L			03/07/25 15:33	1
Sulfate	<0.40	F1	1.0	0.40	mg/L			03/07/25 15:33	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/28/25 04:52	03/03/25 13:04	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/28/25 04:52	03/03/25 13:04	1
Barium	**0.031**		0.010	0.00089	mg/L		02/28/25 04:52	03/03/25 13:04	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/28/25 04:52	03/03/25 13:04	1
Boron	<0.022		0.080	0.022	mg/L		02/28/25 04:52	03/03/25 13:04	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/28/25 04:52	03/03/25 13:04	1
Calcium	**14**		0.50	0.14	mg/L		02/28/25 04:52	03/03/25 13:04	1
Chromium	**0.010**		0.0020	0.0012	mg/L		02/28/25 04:52	03/03/25 13:04	1

Client Sample ID: SCH-GWA-47

Date Collected: 02/26/25 11:01
Date Received: 02/27/25 11:31

Lab Sample ID: 680-262298-4
Matrix: Water

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/28/25 04:52	03/03/25 13:04	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/28/25 04:52	03/03/25 13:04	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/28/25 04:52	03/03/25 13:04	1
Magnesium	**6.2**		0.50	0.023	mg/L		02/28/25 04:52	03/03/25 13:04	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/28/25 04:52	03/03/25 13:04	1
Potassium	**0.91**		0.50	0.044	mg/L		02/28/25 04:52	03/03/25 13:04	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/28/25 04:52	03/03/25 13:04	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/28/25 04:52	03/03/25 13:04	1
Sodium	**7.4**		0.50	0.20	mg/L		02/28/25 04:52	03/03/25 13:04	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/28/25 04:52	03/03/25 13:04	1
Vanadium	**0.0097**		0.0020	0.00063	mg/L		02/28/25 04:52	03/03/25 13:04	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/28/25 04:52	03/03/25 13:04	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/07/25 11:00	03/07/25 15:30	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**73**		5.0	2.2	mg/L			02/28/25 22:04	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**73**		5.0	2.2	mg/L			02/28/25 22:04	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/28/25 22:04	1
Total Dissolved Solids (SM 2540C-2011)	**100**		10	10	mg/L			02/28/25 14:16	1

Client Sample ID: SCH-GWA-48

Date Collected: 02/26/25 12:24
Date Received: 02/27/25 11:31

Lab Sample ID: 680-262298-5
Matrix: Water

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2.0**		1.0	0.20	mg/L			03/07/25 16:12	1
Fluoride	<0.040		0.10	0.040	mg/L			03/07/25 16:12	1
Sulfate	<0.40		1.0	0.40	mg/L			03/07/25 16:12	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/28/25 04:52	03/03/25 13:06	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/28/25 04:52	03/03/25 13:06	1
Barium	**0.014**		0.010	0.00089	mg/L		02/28/25 04:52	03/03/25 13:06	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/28/25 04:52	03/03/25 13:06	1
Boron	<0.022		0.080	0.022	mg/L		02/28/25 04:52	03/03/25 13:06	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/28/25 04:52	03/03/25 13:06	1
Calcium	**12**		0.50	0.14	mg/L		02/28/25 04:52	03/03/25 13:06	1
Chromium	**0.0061**		0.0020	0.0012	mg/L		02/28/25 04:52	03/03/25 13:06	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/28/25 04:52	03/03/25 13:06	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/28/25 04:52	03/03/25 13:06	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/28/25 04:52	03/03/25 13:06	1
Magnesium	**5.2**		0.50	0.023	mg/L		02/28/25 04:52	03/03/25 13:06	1

Client Sample ID: SCH-GWA-48

Lab Sample ID: 680-262298-5

Date Collected: 02/26/25 12:24

Matrix: Water

Date Received: 02/27/25 11:31

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	<0.00042		0.0010	0.00042	mg/L		02/28/25 04:52	03/03/25 13:06	1
Potassium	**0.86**		0.50	0.044	mg/L		02/28/25 04:52	03/03/25 13:06	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/28/25 04:52	03/03/25 13:06	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/28/25 04:52	03/03/25 13:06	1
Sodium	**5.5**		0.50	0.20	mg/L		02/28/25 04:52	03/03/25 13:06	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/28/25 04:52	03/03/25 13:06	1
Vanadium	**0.021**		0.0020	0.00063	mg/L		02/28/25 04:52	03/03/25 13:06	1
Zinc	**0.0044**	**J**	0.0050	0.0028	mg/L		02/28/25 04:52	03/03/25 13:06	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/07/25 11:00	03/07/25 15:23	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**63**		5.0	2.2	mg/L			02/28/25 21:24	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**63**		5.0	2.2	mg/L			02/28/25 21:24	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/28/25 21:24	1
Total Dissolved Solids (SM 2540C-2011)	**100**		10	10	mg/L			02/28/25 14:16	1

Client Sample ID: SCH-GWA-49

Lab Sample ID: 680-262298-6

Date Collected: 02/26/25 14:11

Matrix: Water

Date Received: 02/27/25 11:31

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2.1**		1.0	0.20	mg/L			03/07/25 16:22	1
Fluoride	<0.040		0.10	0.040	mg/L			03/07/25 16:22	1
Sulfate	**0.47**	**J**	1.0	0.40	mg/L			03/07/25 16:22	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/28/25 04:52	03/03/25 14:03	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/28/25 04:52	03/03/25 14:03	1
Barium	**0.019**		0.010	0.00089	mg/L		02/28/25 04:52	03/03/25 14:03	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/28/25 04:52	03/03/25 14:03	1
Boron	<0.022		0.080	0.022	mg/L		02/28/25 04:52	03/04/25 10:07	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/28/25 04:52	03/03/25 14:03	1
Calcium	**14**		0.50	0.14	mg/L		02/28/25 04:52	03/03/25 14:03	1
Chromium	**0.0057**		0.0020	0.0012	mg/L		02/28/25 04:52	03/03/25 14:03	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/28/25 04:52	03/03/25 14:03	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/28/25 04:52	03/03/25 14:03	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/28/25 04:52	03/03/25 14:03	1
Magnesium	**6.8**		0.50	0.023	mg/L		02/28/25 04:52	03/03/25 14:03	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/28/25 04:52	03/03/25 14:03	1
Potassium	**0.76**		0.50	0.044	mg/L		02/28/25 04:52	03/03/25 14:03	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/28/25 04:52	03/03/25 14:03	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/28/25 04:52	03/03/25 14:03	1

Client Sample ID: SCH-GWA-49
Lab Sample ID: 680-262298-6
Date Collected: 02/26/25 14:11
Matrix: Water
Date Received: 02/27/25 11:31

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	**6.0**		0.50	0.20	mg/L		02/28/25 04:52	03/03/25 14:03	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/28/25 04:52	03/03/25 14:03	1
Vanadium	**0.026**		0.0020	0.00063	mg/L		02/28/25 04:52	03/03/25 14:03	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/28/25 04:52	03/03/25 14:03	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/07/25 11:00	03/07/25 15:37	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**76**		5.0	2.2	mg/L			02/28/25 21:10	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**76**		5.0	2.2	mg/L			02/28/25 21:10	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/28/25 21:10	1
Total Dissolved Solids (SM 2540C-2011)	**110**		10	10	mg/L			02/28/25 14:16	1

Client Sample ID: SCH-GWC-50
Lab Sample ID: 680-262298-7
Date Collected: 02/26/25 15:27
Matrix: Water
Date Received: 02/27/25 11:31

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1.9**		1.0	0.20	mg/L			03/07/25 16:32	1
Fluoride	<0.040		0.10	0.040	mg/L			03/07/25 16:32	1
Sulfate	<0.40		1.0	0.40	mg/L			03/07/25 16:32	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/28/25 04:52	03/03/25 14:05	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/28/25 04:52	03/03/25 14:05	1
Barium	**0.014**		0.010	0.00089	mg/L		02/28/25 04:52	03/03/25 14:05	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/28/25 04:52	03/03/25 14:05	1
Boron	<0.022		0.080	0.022	mg/L		02/28/25 04:52	03/04/25 10:09	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/28/25 04:52	03/03/25 14:05	1
Calcium	**7.5**		0.50	0.14	mg/L		02/28/25 04:52	03/03/25 14:05	1
Chromium	**0.0032**		0.0020	0.0012	mg/L		02/28/25 04:52	03/03/25 14:05	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/28/25 04:52	03/03/25 14:05	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/28/25 04:52	03/03/25 14:05	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/28/25 04:52	03/03/25 14:05	1
Magnesium	**3.6**		0.50	0.023	mg/L		02/28/25 04:52	03/03/25 14:05	1
Nickel	**0.0032**		0.0010	0.00042	mg/L		02/28/25 04:52	03/03/25 14:05	1
Potassium	**0.48**	**J**	0.50	0.044	mg/L		02/28/25 04:52	03/03/25 14:05	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/28/25 04:52	03/03/25 14:05	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/28/25 04:52	03/03/25 14:05	1
Sodium	**4.9**		0.50	0.20	mg/L		02/28/25 04:52	03/03/25 14:05	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/28/25 04:52	03/03/25 14:05	1
Vanadium	**0.0090**		0.0020	0.00063	mg/L		02/28/25 04:52	03/03/25 14:05	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/28/25 04:52	03/03/25 14:05	1

Client Sample ID: SCH-GWC-50
Lab Sample ID: 680-262298-7

Date Collected: 02/26/25 15:27
Matrix: Water
Date Received: 02/27/25 11:31

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/07/25 11:00	03/07/25 14:50	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**43**		5.0	2.2	mg/L			02/28/25 23:05	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**43**		5.0	2.2	mg/L			02/28/25 23:05	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/28/25 23:05	1
Total Dissolved Solids (SM 2540C-2011)	**77**		10	10	mg/L			02/28/25 14:16	1

Client Sample ID: SCH-GWC-51
Lab Sample ID: 680-262298-8

Date Collected: 02/26/25 12:45
Matrix: Water
Date Received: 02/27/25 11:31

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**8.7**		1.0	0.20	mg/L			03/07/25 16:41	1
Fluoride	<0.040		0.10	0.040	mg/L			03/07/25 16:41	1
Sulfate	**4.1**		1.0	0.40	mg/L			03/07/25 16:41	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/28/25 04:52	03/03/25 13:55	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/28/25 04:52	03/03/25 13:55	1
Barium	**0.011**		0.010	0.00089	mg/L		02/28/25 04:52	03/03/25 13:55	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/28/25 04:52	03/03/25 13:55	1
Boron	**0.022**	**J**	0.080	0.022	mg/L		02/28/25 04:52	03/04/25 10:03	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/28/25 04:52	03/03/25 13:55	1
Calcium	**8.1**		0.50	0.14	mg/L		02/28/25 04:52	03/03/25 13:55	1
Chromium	**0.0078**		0.0020	0.0012	mg/L		02/28/25 04:52	03/03/25 13:55	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/28/25 04:52	03/03/25 13:55	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/28/25 04:52	03/03/25 13:55	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/28/25 04:52	03/03/25 13:55	1
Magnesium	**5.4**		0.50	0.023	mg/L		02/28/25 04:52	03/03/25 13:55	1
Nickel	**0.0024**		0.0010	0.00042	mg/L		02/28/25 04:52	03/03/25 13:55	1
Potassium	**0.44**	**J**	0.50	0.044	mg/L		02/28/25 04:52	03/03/25 13:55	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/28/25 04:52	03/03/25 13:55	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/28/25 04:52	03/03/25 13:55	1
Sodium	**4.8**		0.50	0.20	mg/L		02/28/25 04:52	03/03/25 13:55	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/28/25 04:52	03/03/25 13:55	1
Vanadium	**0.010**		0.0020	0.00063	mg/L		02/28/25 04:52	03/03/25 13:55	1
Zinc	**0.0040**	**J**	0.0050	0.0028	mg/L		02/28/25 04:52	03/03/25 13:55	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/07/25 11:00	03/07/25 15:11	1

Client Sample ID: SCH-GWC-51
Lab Sample ID: 680-262298-8
Date Collected: 02/26/25 12:45
Matrix: Water
Date Received: 02/27/25 11:31

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**43**		5.0	2.2	mg/L			02/28/25 22:34	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**43**		5.0	2.2	mg/L			02/28/25 22:34	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/28/25 22:34	1
Total Dissolved Solids (SM 2540C-2011)	**88**		10	10	mg/L			02/28/25 14:16	1

Client Sample ID: SCH-GWC-52
Lab Sample ID: 680-262298-9
Date Collected: 02/26/25 11:40
Matrix: Water
Date Received: 02/27/25 11:31

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**8.6**		2.0	0.40	mg/L			03/07/25 16:51	2
Fluoride	<0.080		0.20	0.080	mg/L			03/07/25 16:51	2
Sulfate	**94**		5.0	2.0	mg/L			03/10/25 12:14	5

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/28/25 04:52	03/03/25 14:29	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/28/25 04:52	03/03/25 14:29	1
Barium	**0.033**		0.010	0.00089	mg/L		02/28/25 04:52	03/03/25 14:29	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/28/25 04:52	03/03/25 14:29	1
Boron	**0.028**	**J**	0.080	0.022	mg/L		02/28/25 04:52	03/03/25 14:29	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/28/25 04:52	03/03/25 14:29	1
Calcium	**27**		0.50	0.14	mg/L		02/28/25 04:52	03/03/25 14:29	1
Chromium	**0.026**		0.0020	0.0012	mg/L		02/28/25 04:52	03/03/25 14:29	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/28/25 04:52	03/03/25 14:29	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/28/25 04:52	03/03/25 14:29	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/28/25 04:52	03/03/25 14:29	1
Magnesium	**15**		0.50	0.023	mg/L		02/28/25 04:52	03/03/25 14:29	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/28/25 04:52	03/03/25 14:29	1
Potassium	**1.4**		0.50	0.044	mg/L		02/28/25 04:52	03/03/25 14:29	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/28/25 04:52	03/03/25 14:29	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/28/25 04:52	03/03/25 14:29	1
Sodium	**9.4**		0.50	0.20	mg/L		02/28/25 04:52	03/03/25 14:29	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/28/25 04:52	03/03/25 14:29	1
Vanadium	**0.014**		0.0020	0.00063	mg/L		02/28/25 04:52	03/03/25 14:29	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/28/25 04:52	03/03/25 14:29	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/07/25 11:00	03/07/25 14:53	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**43**		5.0	2.2	mg/L			02/28/25 21:46	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**43**		5.0	2.2	mg/L			02/28/25 21:46	1

Client Sample ID: SCH-GWC-52
Lab Sample ID: 680-262298-9
Date Collected: 02/26/25 11:40
Matrix: Water
Date Received: 02/27/25 11:31

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/28/25 21:46	1
Total Dissolved Solids (SM 2540C-2011)	**220**		40	40	mg/L			02/28/25 14:16	1

Client Sample ID: SCH-PAC-FB-7
Lab Sample ID: 680-262298-10
Date Collected: 02/26/25 13:00
Matrix: Water
Date Received: 02/27/25 11:31

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.20		1.0	0.20	mg/L			03/07/25 17:01	1
Fluoride	<0.040		0.10	0.040	mg/L			03/07/25 17:01	1
Sulfate	<0.40		1.0	0.40	mg/L			03/07/25 17:01	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/28/25 04:52	03/03/25 14:49	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/28/25 04:52	03/03/25 14:49	1
Barium	<0.00089		0.010	0.00089	mg/L		02/28/25 04:52	03/03/25 14:49	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/28/25 04:52	03/03/25 14:49	1
Boron	<0.022		0.080	0.022	mg/L		02/28/25 04:52	03/03/25 14:49	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/28/25 04:52	03/03/25 14:49	1
Calcium	<0.14		0.50	0.14	mg/L		02/28/25 04:52	03/03/25 14:49	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/28/25 04:52	03/03/25 14:49	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/28/25 04:52	03/03/25 14:49	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/28/25 04:52	03/03/25 14:49	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/28/25 04:52	03/03/25 14:49	1
Magnesium	<0.023		0.50	0.023	mg/L		02/28/25 04:52	03/03/25 14:49	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/28/25 04:52	03/03/25 14:49	1
Potassium	<0.044		0.50	0.044	mg/L		02/28/25 04:52	03/03/25 14:49	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/28/25 04:52	03/03/25 14:49	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/28/25 04:52	03/03/25 14:49	1
Sodium	<0.20		0.50	0.20	mg/L		02/28/25 04:52	03/03/25 14:49	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/28/25 04:52	03/03/25 14:49	1
Vanadium	**0.0020**		0.0020	0.00063	mg/L		02/28/25 04:52	03/03/25 14:49	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/28/25 04:52	03/03/25 14:49	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/07/25 11:00	03/07/25 15:16	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/28/25 21:16	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/28/25 21:16	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/28/25 21:16	1
Total Dissolved Solids (SM 2540C-2011)	<10		10	10	mg/L			02/28/25 14:16	1

Client Sample ID: SCH-PAC-EB-7
Lab Sample ID: 680-262298-11
Date Collected: 02/26/25 10:45
Matrix: Water
Date Received: 02/27/25 11:31

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.20		1.0	0.20	mg/L			03/07/25 18:39	1
Fluoride	<0.040		0.10	0.040	mg/L			03/07/25 18:39	1
Sulfate	<0.40	F1	1.0	0.40	mg/L			03/07/25 18:39	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/28/25 04:52	03/03/25 12:42	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/28/25 04:52	03/03/25 12:42	1
Barium	<0.00089		0.010	0.00089	mg/L		02/28/25 04:52	03/03/25 12:42	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/28/25 04:52	03/03/25 12:42	1
Boron	<0.022		0.080	0.022	mg/L		02/28/25 04:52	03/03/25 12:42	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/28/25 04:52	03/03/25 12:42	1
Calcium	<0.14		0.50	0.14	mg/L		02/28/25 04:52	03/03/25 12:42	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/28/25 04:52	03/03/25 12:42	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/28/25 04:52	03/03/25 12:42	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/28/25 04:52	03/03/25 12:42	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/28/25 04:52	03/03/25 12:42	1
Magnesium	<0.023		0.50	0.023	mg/L		02/28/25 04:52	03/03/25 12:42	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/28/25 04:52	03/03/25 12:42	1
Potassium	<0.044		0.50	0.044	mg/L		02/28/25 04:52	03/03/25 12:42	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/28/25 04:52	03/03/25 12:42	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/28/25 04:52	03/03/25 12:42	1
Sodium	<0.20		0.50	0.20	mg/L		02/28/25 04:52	03/03/25 12:42	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/28/25 04:52	03/03/25 12:42	1
Vanadium	**0.0016**	**J**	0.0020	0.00063	mg/L		02/28/25 04:52	03/03/25 12:42	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/28/25 04:52	03/03/25 12:42	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/07/25 11:00	03/07/25 15:35	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/28/25 22:56	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/28/25 22:56	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/28/25 22:56	1
Total Dissolved Solids (SM 2540C-2011)	<10		10	10	mg/L			02/28/25 14:16	1

Client Sample ID: SCH-PAC-FD-8
Lab Sample ID: 680-262298-12
Date Collected: 02/26/25 00:00
Matrix: Water
Date Received: 02/27/25 11:31

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3.2**	**F1 F2**	1.0	0.20	mg/L			03/08/25 14:10	1
Fluoride	<0.040	F1 F2	0.10	0.040	mg/L			03/08/25 14:10	1
Sulfate	<0.40	F1 F2	1.0	0.40	mg/L			03/08/25 14:10	1

Client Sample ID: SCH-PAC-FD-8

Lab Sample ID: 680-262298-12

Date Collected: 02/26/25 00:00

Matrix: Water

Date Received: 02/27/25 11:31

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/28/25 04:52	03/03/25 12:46	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/28/25 04:52	03/03/25 12:46	1
Barium	**0.014**		0.010	0.00089	mg/L		02/28/25 04:52	03/03/25 12:46	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/28/25 04:52	03/03/25 12:46	1
Boron	<0.022		0.080	0.022	mg/L		02/28/25 04:52	03/03/25 12:46	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/28/25 04:52	03/03/25 12:46	1
Calcium	**7.7**		0.50	0.14	mg/L		02/28/25 04:52	03/03/25 12:46	1
Chromium	**0.0034**		0.0020	0.0012	mg/L		02/28/25 04:52	03/03/25 12:46	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/28/25 04:52	03/03/25 12:46	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/28/25 04:52	03/03/25 12:46	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/28/25 04:52	03/03/25 12:46	1
Magnesium	**3.7**		0.50	0.023	mg/L		02/28/25 04:52	03/03/25 12:46	1
Nickel	**0.0034**		0.0010	0.00042	mg/L		02/28/25 04:52	03/03/25 12:46	1
Potassium	**0.51**		0.50	0.044	mg/L		02/28/25 04:52	03/03/25 12:46	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/28/25 04:52	03/03/25 12:46	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/28/25 04:52	03/03/25 12:46	1
Sodium	**5.2**		0.50	0.20	mg/L		02/28/25 04:52	03/03/25 12:46	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/28/25 04:52	03/03/25 12:46	1
Vanadium	**0.0055**		0.0020	0.00063	mg/L		02/28/25 04:52	03/03/25 12:46	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/28/25 04:52	03/03/25 12:46	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/07/25 11:00	03/07/25 14:55	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**43**		5.0	2.2	mg/L			02/28/25 22:51	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**43**		5.0	2.2	mg/L			02/28/25 22:51	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/28/25 22:51	1
Total Dissolved Solids (SM 2540C-2011)	**75**		10	10	mg/L			02/28/25 14:16	1

Client Sample ID: SCH-PAC-FB-8

Lab Sample ID: 680-262298-13

Date Collected: 02/26/25 14:25

Matrix: Water

Date Received: 02/27/25 11:31

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.20		1.0	0.20	mg/L			03/07/25 19:28	1
Fluoride	<0.040		0.10	0.040	mg/L			03/07/25 19:28	1
Sulfate	<0.40		1.0	0.40	mg/L			03/07/25 19:28	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/28/25 04:52	03/03/25 15:32	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/28/25 04:52	03/03/25 15:32	1
Barium	<0.00089		0.010	0.00089	mg/L		02/28/25 04:52	03/03/25 15:32	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/28/25 04:52	03/04/25 14:09	1

Client Sample ID: SCH-PAC-FB-8

Lab Sample ID: 680-262298-13

Date Collected: 02/26/25 14:25

Matrix: Water

Date Received: 02/27/25 11:31

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.022		0.080	0.022	mg/L		02/28/25 04:52	03/03/25 15:32	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/28/25 04:52	03/03/25 15:32	1
Calcium	<0.14		0.50	0.14	mg/L		02/28/25 04:52	03/03/25 15:32	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/28/25 04:52	03/03/25 15:32	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/28/25 04:52	03/03/25 15:32	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/28/25 04:52	03/03/25 15:32	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/28/25 04:52	03/03/25 15:32	1
Magnesium	<0.023		0.50	0.023	mg/L		02/28/25 04:52	03/03/25 15:32	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/28/25 04:52	03/03/25 15:32	1
Potassium	<0.044		0.50	0.044	mg/L		02/28/25 04:52	03/03/25 15:32	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/28/25 04:52	03/03/25 15:32	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/28/25 04:52	03/03/25 15:32	1
Sodium	<0.20		0.50	0.20	mg/L		02/28/25 04:52	03/03/25 15:32	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/28/25 04:52	03/03/25 15:32	1
Vanadium	**0.0041**		0.0020	0.00063	mg/L		02/28/25 04:52	03/03/25 15:32	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/28/25 04:52	03/03/25 15:32	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/07/25 11:00	03/07/25 15:14	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/28/25 21:38	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/28/25 21:38	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/28/25 21:38	1
Total Dissolved Solids (SM 2540C-2011)	<10		10	10	mg/L			02/28/25 14:16	1

Client Sample ID: SCH-PAC-EB-8

Lab Sample ID: 680-262298-14

Date Collected: 02/26/25 09:56

Matrix: Water

Date Received: 02/27/25 11:31

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.20		1.0	0.20	mg/L			03/07/25 19:37	1
Fluoride	<0.040		0.10	0.040	mg/L			03/07/25 19:37	1
Sulfate	<0.40		1.0	0.40	mg/L			03/07/25 19:37	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/28/25 04:52	03/03/25 15:34	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/28/25 04:52	03/03/25 15:34	1
Barium	<0.00089		0.010	0.00089	mg/L		02/28/25 04:52	03/03/25 15:34	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/28/25 04:52	03/04/25 14:11	1
Boron	<0.022		0.080	0.022	mg/L		02/28/25 04:52	03/03/25 15:34	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/28/25 04:52	03/03/25 15:34	1
Calcium	<0.14		0.50	0.14	mg/L		02/28/25 04:52	03/03/25 15:34	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/28/25 04:52	03/03/25 15:34	1

Client: Southern Company
Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-262298-1

Client Sample ID: SCH-PAC-EB-8

Date Collected: 02/26/25 09:56
Date Received: 02/27/25 11:31

Lab Sample ID: 680-262298-14

Matrix: Water

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/28/25 04:52	03/03/25 15:34	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/28/25 04:52	03/03/25 15:34	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/28/25 04:52	03/03/25 15:34	1
Magnesium	<0.023		0.50	0.023	mg/L		02/28/25 04:52	03/03/25 15:34	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/28/25 04:52	03/03/25 15:34	1
Potassium	<0.044		0.50	0.044	mg/L		02/28/25 04:52	03/03/25 15:34	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/28/25 04:52	03/03/25 15:34	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/28/25 04:52	03/03/25 15:34	1
Sodium	<0.20		0.50	0.20	mg/L		02/28/25 04:52	03/03/25 15:34	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/28/25 04:52	03/03/25 15:34	1
Vanadium	**0.0038**		0.0020	0.00063	mg/L		02/28/25 04:52	03/03/25 15:34	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/28/25 04:52	03/03/25 15:34	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/07/25 12:30	03/07/25 17:48	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/28/25 23:51	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/28/25 23:51	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/28/25 23:51	1
Total Dissolved Solids (SM 2540C-2011)	<10		10	10	mg/L			02/28/25 14:16	1

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography

Lab Sample ID: MB 680-878052/49
Matrix: Water
Analysis Batch: 878052

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.20		1.0	0.20	mg/L			03/06/25 20:37	1
Fluoride	<0.040		0.10	0.040	mg/L			03/06/25 20:37	1
Sulfate	<0.40		1.0	0.40	mg/L			03/06/25 20:37	1

Lab Sample ID: LCS 680-878052/57
Matrix: Water
Analysis Batch: 878052

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	10.5		mg/L		105	90 - 110
Fluoride	2.00	2.03		mg/L		102	90 - 110
Sulfate	10.0	10.9		mg/L		109	90 - 110

Lab Sample ID: LCSD 680-878052/58
Matrix: Water
Analysis Batch: 878052

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	10.1		mg/L		101	90 - 110	4	15
Fluoride	2.00	2.17		mg/L		108	90 - 110	6	15
Sulfate	10.0	10.5		mg/L		105	90 - 110	3	15

Lab Sample ID: 752-30046-A-1 MS
Matrix: Water
Analysis Batch: 878052

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	3.9		10.0	13.7		mg/L		98	80 - 120
Fluoride	<0.040		2.00	1.98		mg/L		99	80 - 120
Sulfate	1.1		10.0	10.8		mg/L		97	80 - 120

Lab Sample ID: 752-30046-A-1 MSD
Matrix: Water
Analysis Batch: 878052

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	3.9		10.0	13.9		mg/L		101	80 - 120	2	15
Fluoride	<0.040		2.00	2.03		mg/L		101	80 - 120	3	15
Sulfate	1.1		10.0	11.0		mg/L		99	80 - 120	2	15

Lab Sample ID: MB 680-878139/2
Matrix: Water
Analysis Batch: 878139

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.20		1.0	0.20	mg/L			03/07/25 11:51	1
Fluoride	<0.040		0.10	0.040	mg/L			03/07/25 11:51	1
Sulfate	<0.40		1.0	0.40	mg/L			03/07/25 11:51	1

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 680-878139/3
Matrix: Water
Analysis Batch: 878139

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			10.0	10.1		mg/L		101	90 - 110		
Fluoride			2.00	2.07		mg/L		104	90 - 110		
Sulfate			10.0	10.9		mg/L		109	90 - 110		

Lab Sample ID: LCSD 680-878139/4
Matrix: Water
Analysis Batch: 878139

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			10.0	10.1		mg/L		101	90 - 110	0	15
Fluoride			2.00	2.06		mg/L		103	90 - 110	0	15
Sulfate			10.0	11.0		mg/L		110	90 - 110	1	15

Lab Sample ID: 680-262298-4 MS
Matrix: Water
Analysis Batch: 878139

Client Sample ID: SCH-GWA-47
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	1.8	F1	10.0	7.43	F1	mg/L		56	80 - 120		
Fluoride	<0.040	F1	2.00	0.949	F1	mg/L		47	80 - 120		
Sulfate	<0.40	F1	10.0	4.74	F1	mg/L		47	80 - 120		

Lab Sample ID: 680-262298-4 MSD
Matrix: Water
Analysis Batch: 878139

Client Sample ID: SCH-GWA-47
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1.8	F1	10.0	7.88	F1	mg/L		60	80 - 120	6	15
Fluoride	<0.040	F1	2.00	1.08	F1	mg/L		54	80 - 120	13	15
Sulfate	<0.40	F1	10.0	5.40	F1	mg/L		54	80 - 120	13	15

Lab Sample ID: MB 680-878140/48
Matrix: Water
Analysis Batch: 878140

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.20		1.0	0.20	mg/L			03/07/25 17:50	1
Fluoride	<0.040		0.10	0.040	mg/L			03/07/25 17:50	1
Sulfate	<0.40		1.0	0.40	mg/L			03/07/25 17:50	1

Lab Sample ID: LCS 680-878140/49
Matrix: Water
Analysis Batch: 878140

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			10.0	10.8		mg/L		108	90 - 110		
Fluoride			2.00	2.13		mg/L		107	90 - 110		
Sulfate			10.0	10.9		mg/L		109	90 - 110		

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 680-878140/50
Matrix: Water
Analysis Batch: 878140

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			10.0	10.1		mg/L		101	90 - 110	7	15
Fluoride			2.00	2.06		mg/L		103	90 - 110	3	15
Sulfate			10.0	10.9		mg/L		109	90 - 110	1	15

Lab Sample ID: 680-262298-11 MS
Matrix: Water
Analysis Batch: 878140

Client Sample ID: SCH-PAC-EB-7
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	<0.20		10.0	9.85		mg/L		98	80 - 120		
Fluoride	<0.040		2.00	2.07		mg/L		103	80 - 120		
Sulfate	<0.40	F1	10.0	12.6	F1	mg/L		126	80 - 120		

Lab Sample ID: 680-262298-11 MSD
Matrix: Water
Analysis Batch: 878140

Client Sample ID: SCH-PAC-EB-7
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	<0.20		10.0	10.8		mg/L		108	80 - 120	9	15
Fluoride	<0.040		2.00	2.20		mg/L		110	80 - 120	6	15
Sulfate	<0.40	F1	10.0	11.8		mg/L		118	80 - 120	7	15

Lab Sample ID: MB 680-878211/2
Matrix: Water
Analysis Batch: 878211

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.20		1.0	0.20	mg/L			03/08/25 12:01	1
Fluoride	<0.040		0.10	0.040	mg/L			03/08/25 12:01	1
Sulfate	<0.40		1.0	0.40	mg/L			03/08/25 12:01	1

Lab Sample ID: LCS 680-878211/3
Matrix: Water
Analysis Batch: 878211

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			10.0	9.98		mg/L		100	90 - 110		
Fluoride			2.00	2.00		mg/L		100	90 - 110		
Sulfate			10.0	10.9		mg/L		109	90 - 110		

Lab Sample ID: LCSD 680-878211/4
Matrix: Water
Analysis Batch: 878211

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			10.0	9.96		mg/L		100	90 - 110	0	15
Fluoride			2.00	1.97		mg/L		98	90 - 110	2	15
Sulfate			10.0	11.0		mg/L		110	90 - 110	1	15

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 680-262298-12 MS
Matrix: Water
Analysis Batch: 878211

Client Sample ID: SCH-PAC-FD-8
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	3.2	F1 F2	10.0	5.36	F1	mg/L		22	80 - 120
Fluoride	<0.040	F1 F2	2.00	0.457	F1	mg/L		23	80 - 120
Sulfate	<0.40	F1 F2	10.0	2.89	F1	mg/L		29	80 - 120

Lab Sample ID: 680-262298-12 MSD
Matrix: Water
Analysis Batch: 878211

Client Sample ID: SCH-PAC-FD-8
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	3.2	F1 F2	10.0	7.65	F1 F2	mg/L		45	80 - 120	35	15
Fluoride	<0.040	F1 F2	2.00	0.975	F1 F2	mg/L		49	80 - 120	72	15
Sulfate	<0.40	F1 F2	10.0	5.03	F1 F2	mg/L		50	80 - 120	54	15

Lab Sample ID: MB 680-878279/2
Matrix: Water
Analysis Batch: 878279

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.20		1.0	0.20	mg/L			03/10/25 11:03	1
Fluoride	<0.040		0.10	0.040	mg/L			03/10/25 11:03	1
Sulfate	<0.40		1.0	0.40	mg/L			03/10/25 11:03	1

Lab Sample ID: LCS 680-878279/3
Matrix: Water
Analysis Batch: 878279

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	10.1		mg/L		101	90 - 110
Fluoride	2.00	1.81		mg/L		91	90 - 110
Sulfate	10.0	11.0		mg/L		110	90 - 110

Lab Sample ID: LCSD 680-878279/4
Matrix: Water
Analysis Batch: 878279

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	9.78		mg/L		98	90 - 110	3	15
Fluoride	2.00	1.91		mg/L		96	90 - 110	5	15
Sulfate	10.0	10.8		mg/L		108	90 - 110	2	15

Lab Sample ID: 680-262298-9 MS
Matrix: Water
Analysis Batch: 878279

Client Sample ID: SCH-GWC-52
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	7.1	F1	50.0	45.3	F1	mg/L		76	80 - 120
Fluoride	<0.20	F1 F2	10.0	5.89	F1	mg/L		59	80 - 120
Sulfate	94		50.0	141		mg/L		94	80 - 120

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 680-262298-9 MSD
Matrix: Water
Analysis Batch: 878279

Client Sample ID: SCH-GWC-52
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	7.1	F1	50.0	52.4		mg/L		91	80 - 120	15	15
Fluoride	<0.20	F1 F2	10.0	6.88	F1 F2	mg/L		69	80 - 120	16	15
Sulfate	94		50.0	152		mg/L		117	80 - 120	8	15

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 680-877298/1-A
Matrix: Water
Analysis Batch: 877677

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 877298

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/28/25 04:52	03/04/25 09:07	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/28/25 04:52	03/04/25 09:07	1
Barium	<0.00089		0.010	0.00089	mg/L		02/28/25 04:52	03/04/25 09:07	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/28/25 04:52	03/04/25 09:07	1
Boron	<0.022		0.080	0.022	mg/L		02/28/25 04:52	03/04/25 09:07	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/28/25 04:52	03/04/25 09:07	1
Calcium	<0.14		0.50	0.14	mg/L		02/28/25 04:52	03/04/25 09:07	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/28/25 04:52	03/04/25 09:07	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/28/25 04:52	03/04/25 09:07	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/28/25 04:52	03/04/25 09:07	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/28/25 04:52	03/04/25 09:07	1
Magnesium	<0.023		0.50	0.023	mg/L		02/28/25 04:52	03/04/25 09:07	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/28/25 04:52	03/04/25 09:07	1
Potassium	<0.044		0.50	0.044	mg/L		02/28/25 04:52	03/04/25 09:07	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/28/25 04:52	03/04/25 09:07	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/28/25 04:52	03/04/25 09:07	1
Sodium	<0.20		0.50	0.20	mg/L		02/28/25 04:52	03/04/25 09:07	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/28/25 04:52	03/04/25 09:07	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/28/25 04:52	03/04/25 09:07	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/28/25 04:52	03/04/25 09:07	1

Lab Sample ID: LCS 680-877298/2-A
Matrix: Water
Analysis Batch: 877677

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 877298

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.0500	0.0537		mg/L		107	80 - 120
Arsenic	0.100	0.111		mg/L		111	80 - 120
Barium	0.100	0.104		mg/L		104	80 - 120
Beryllium	0.0500	0.0589		mg/L		118	80 - 120
Boron	0.400	0.431		mg/L		108	80 - 120
Cadmium	0.0500	0.0572		mg/L		114	80 - 120
Calcium	5.00	5.23		mg/L		105	80 - 120
Chromium	0.100	0.114		mg/L		114	80 - 120
Cobalt	0.0500	0.0531		mg/L		106	80 - 120
Copper	0.101	0.107		mg/L		105	80 - 120
Lead	0.500	0.564		mg/L		113	80 - 120
Magnesium	5.00	4.78		mg/L		96	80 - 120

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 680-877298/2-A
Matrix: Water
Analysis Batch: 877677

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 877298

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nickel	0.100	0.103		mg/L		103	80 - 120
Potassium	7.00	7.39		mg/L		106	80 - 120
Selenium	0.100	0.107		mg/L		107	80 - 120
Silver	0.0500	0.0577		mg/L		115	80 - 120
Sodium	5.00	5.25		mg/L		105	80 - 120
Thallium	0.0500	0.0539		mg/L		108	80 - 120
Vanadium	0.100	0.115		mg/L		115	80 - 120
Zinc	0.100	0.106		mg/L		106	80 - 120

Lab Sample ID: 680-262300-E-4-B MS
Matrix: Water
Analysis Batch: 877677

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 877298

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.00034		0.0500	0.0508		mg/L		102	75 - 125
Arsenic	<0.00086		0.100	0.105		mg/L		105	75 - 125
Barium	0.089		0.100	0.172		mg/L		83	75 - 125
Beryllium	<0.00020		0.0500	0.0564		mg/L		113	75 - 125
Boron	0.040	J	0.400	0.434		mg/L		98	75 - 125
Cadmium	<0.000078		0.0500	0.0549		mg/L		110	75 - 125
Calcium	25		5.00	25.9	4	mg/L		24	75 - 125
Chromium	0.0041		0.100	0.110		mg/L		105	75 - 125
Cobalt	<0.00022		0.0500	0.0509		mg/L		102	75 - 125
Copper	<0.0011		0.101	0.101		mg/L		100	75 - 125
Lead	<0.00021		0.500	0.530		mg/L		106	75 - 125
Magnesium	13	F1	5.00	15.9	F1	mg/L		53	75 - 125
Nickel	0.0023		0.100	0.100		mg/L		98	75 - 125
Potassium	1.4		7.00	8.35		mg/L		99	75 - 125
Selenium	<0.00099		0.100	0.113		mg/L		113	75 - 125
Silver	<0.00039		0.0500	0.0550		mg/L		110	75 - 125
Sodium	14	F1	5.00	16.2	F1	mg/L		45	75 - 125
Thallium	<0.00026		0.0500	0.0510		mg/L		102	75 - 125
Vanadium	0.014		0.100	0.119		mg/L		105	75 - 125
Zinc	0.0035	J	0.100	0.105		mg/L		101	75 - 125

Lab Sample ID: 680-262300-E-4-C MSD
Matrix: Water
Analysis Batch: 877677

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 877298

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.00034		0.0500	0.0511		mg/L		102	75 - 125	1	20
Arsenic	<0.00086		0.100	0.106		mg/L		106	75 - 125	1	20
Barium	0.089		0.100	0.174		mg/L		85	75 - 125	1	20
Beryllium	<0.00020		0.0500	0.0572		mg/L		114	75 - 125	1	20
Boron	0.040	J	0.400	0.430		mg/L		97	75 - 125	1	20
Cadmium	<0.000078		0.0500	0.0539		mg/L		108	75 - 125	2	20
Calcium	25		5.00	26.5	4	mg/L		35	75 - 125	2	20
Chromium	0.0041		0.100	0.111		mg/L		107	75 - 125	1	20
Cobalt	<0.00022		0.0500	0.0501		mg/L		100	75 - 125	2	20

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 680-262300-E-4-C MSD
Matrix: Water
Analysis Batch: 877677

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 877298

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Copper	<0.0011		0.101	0.100		mg/L		99	75 - 125	1	20
Lead	<0.00021		0.500	0.530		mg/L		106	75 - 125	0	20
Magnesium	13	F1	5.00	16.2	F1	mg/L		60	75 - 125	2	20
Nickel	0.0023		0.100	0.0983		mg/L		96	75 - 125	2	20
Potassium	1.4		7.00	8.28		mg/L		98	75 - 125	1	20
Selenium	<0.00099		0.100	0.0987		mg/L		99	75 - 125	14	20
Silver	<0.00039		0.0500	0.0544		mg/L		109	75 - 125	1	20
Sodium	14	F1	5.00	16.9	F1	mg/L		59	75 - 125	4	20
Thallium	<0.00026		0.0500	0.0516		mg/L		103	75 - 125	1	20
Vanadium	0.014		0.100	0.120		mg/L		106	75 - 125	0	20
Zinc	0.0035	J	0.100	0.105		mg/L		102	75 - 125	1	20

Lab Sample ID: MB 680-877299/1-A
Matrix: Water
Analysis Batch: 877677

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 877299

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/28/25 04:52	03/03/25 15:05	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/28/25 04:52	03/03/25 15:05	1
Barium	<0.00089		0.010	0.00089	mg/L		02/28/25 04:52	03/03/25 15:05	1
Boron	<0.022		0.080	0.022	mg/L		02/28/25 04:52	03/03/25 15:05	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/28/25 04:52	03/03/25 15:05	1
Calcium	<0.14		0.50	0.14	mg/L		02/28/25 04:52	03/03/25 15:05	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/28/25 04:52	03/03/25 15:05	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/28/25 04:52	03/03/25 15:05	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/28/25 04:52	03/03/25 15:05	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/28/25 04:52	03/03/25 15:05	1
Magnesium	<0.023		0.50	0.023	mg/L		02/28/25 04:52	03/03/25 15:05	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/28/25 04:52	03/03/25 15:05	1
Potassium	<0.044		0.50	0.044	mg/L		02/28/25 04:52	03/03/25 15:05	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/28/25 04:52	03/03/25 15:05	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/28/25 04:52	03/03/25 15:05	1
Sodium	<0.20		0.50	0.20	mg/L		02/28/25 04:52	03/03/25 15:05	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/28/25 04:52	03/03/25 15:05	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/28/25 04:52	03/03/25 15:05	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/28/25 04:52	03/03/25 15:05	1

Lab Sample ID: MB 680-877299/1-A
Matrix: Water
Analysis Batch: 877797

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 877299

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/28/25 04:52	03/04/25 13:40	1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 680-877299/2-A
Matrix: Water
Analysis Batch: 877677

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 877299

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.0500	0.0496		mg/L		99	80 - 120
Arsenic	0.100	0.102		mg/L		102	80 - 120
Barium	0.100	0.0947		mg/L		95	80 - 120
Boron	0.400	0.371		mg/L		93	80 - 120
Cadmium	0.0500	0.0523		mg/L		105	80 - 120
Calcium	5.00	4.74		mg/L		95	80 - 120
Chromium	0.100	0.105		mg/L		105	80 - 120
Cobalt	0.0500	0.0495		mg/L		99	80 - 120
Copper	0.101	0.0986		mg/L		98	80 - 120
Lead	0.500	0.514		mg/L		103	80 - 120
Magnesium	5.00	4.43		mg/L		89	80 - 120
Nickel	0.100	0.0973		mg/L		97	80 - 120
Potassium	7.00	6.86		mg/L		98	80 - 120
Selenium	0.100	0.0948		mg/L		95	80 - 120
Silver	0.0500	0.0532		mg/L		106	80 - 120
Sodium	5.00	4.73		mg/L		95	80 - 120
Thallium	0.0500	0.0493		mg/L		99	80 - 120
Vanadium	0.100	0.104		mg/L		104	80 - 120
Zinc	0.100	0.0994		mg/L		99	80 - 120

Lab Sample ID: LCS 680-877299/2-A
Matrix: Water
Analysis Batch: 877797

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 877299

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Beryllium	0.0500	0.0525		mg/L		105	80 - 120

Lab Sample ID: 680-262285-C-26-A MS
Matrix: Water
Analysis Batch: 877677

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 877299

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.00034		0.0500	0.0511		mg/L		102	75 - 125
Arsenic	0.00096	J	0.100	0.106		mg/L		105	75 - 125
Barium	0.052		0.100	0.150		mg/L		98	75 - 125
Boron	0.026	J	0.400	0.403		mg/L		94	75 - 125
Cadmium	<0.000078		0.0500	0.0532		mg/L		106	75 - 125
Calcium	8.2		5.00	12.9		mg/L		95	75 - 125
Chromium	<0.0012		0.100	0.108		mg/L		108	75 - 125
Cobalt	<0.00022		0.0500	0.0504		mg/L		101	75 - 125
Copper	0.0016	J	0.101	0.101		mg/L		99	75 - 125
Lead	<0.00021		0.500	0.524		mg/L		105	75 - 125
Magnesium	1.5		5.00	5.98		mg/L		89	75 - 125
Nickel	0.0010		0.100	0.0982		mg/L		97	75 - 125
Potassium	3.0		7.00	9.88		mg/L		98	75 - 125
Selenium	<0.00099		0.100	0.103		mg/L		103	75 - 125
Silver	<0.00039		0.0500	0.0542		mg/L		108	75 - 125
Sodium	1.8		5.00	6.54		mg/L		96	75 - 125
Thallium	<0.00026		0.0500	0.0506		mg/L		101	75 - 125

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 680-262285-C-26-A MS
Matrix: Water
Analysis Batch: 877677

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 877299

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Vanadium	0.0031		0.100	0.108		mg/L		105	75 - 125
Zinc	0.0054		0.100	0.103		mg/L		97	75 - 125

Lab Sample ID: 680-262285-C-26-A MS
Matrix: Water
Analysis Batch: 877797

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 877299

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Beryllium	<0.00020		0.0500	0.0520		mg/L		104	75 - 125

Lab Sample ID: 680-262285-C-26-B MSD
Matrix: Water
Analysis Batch: 877677

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 877299

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.00034		0.0500	0.0526		mg/L		105	75 - 125	3	20
Arsenic	0.00096	J	0.100	0.111		mg/L		110	75 - 125	5	20
Barium	0.052		0.100	0.156		mg/L		104	75 - 125	4	20
Boron	0.026	J	0.400	0.419		mg/L		98	75 - 125	4	20
Cadmium	<0.000078		0.0500	0.0566		mg/L		113	75 - 125	6	20
Calcium	8.2		5.00	13.6		mg/L		109	75 - 125	5	20
Chromium	<0.0012		0.100	0.113		mg/L		113	75 - 125	5	20
Cobalt	<0.00022		0.0500	0.0534		mg/L		107	75 - 125	6	20
Copper	0.0016	J	0.101	0.107		mg/L		104	75 - 125	6	20
Lead	<0.00021		0.500	0.553		mg/L		111	75 - 125	6	20
Magnesium	1.5		5.00	6.32		mg/L		96	75 - 125	6	20
Nickel	0.0010		0.100	0.104		mg/L		103	75 - 125	6	20
Potassium	3.0		7.00	10.4		mg/L		105	75 - 125	5	20
Selenium	<0.00099		0.100	0.104		mg/L		104	75 - 125	1	20
Silver	<0.00039		0.0500	0.0574		mg/L		115	75 - 125	6	20
Sodium	1.8		5.00	6.61		mg/L		97	75 - 125	1	20
Thallium	<0.00026		0.0500	0.0529		mg/L		106	75 - 125	4	20
Vanadium	0.0031		0.100	0.113		mg/L		110	75 - 125	4	20
Zinc	0.0054		0.100	0.110		mg/L		105	75 - 125	7	20

Lab Sample ID: 680-262285-C-26-B MSD
Matrix: Water
Analysis Batch: 877797

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 877299

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Beryllium	<0.00020		0.0500	0.0554		mg/L		111	75 - 125	6	20

Lab Sample ID: MB 680-877300/1-A
Matrix: Water
Analysis Batch: 877677

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 877300

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/28/25 04:52	03/04/25 09:57	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/28/25 04:52	03/04/25 09:57	1
Barium	<0.00089		0.010	0.00089	mg/L		02/28/25 04:52	03/04/25 09:57	1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 680-877300/1-A
Matrix: Water
Analysis Batch: 877677

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 877300

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.022		0.080	0.022	mg/L		02/28/25 04:52	03/04/25 09:57	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/28/25 04:52	03/04/25 09:57	1
Calcium	<0.14		0.50	0.14	mg/L		02/28/25 04:52	03/04/25 09:57	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/28/25 04:52	03/04/25 09:57	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/28/25 04:52	03/04/25 09:57	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/28/25 04:52	03/04/25 09:57	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/28/25 04:52	03/04/25 09:57	1
Magnesium	<0.023		0.50	0.023	mg/L		02/28/25 04:52	03/04/25 09:57	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/28/25 04:52	03/04/25 09:57	1
Potassium	<0.044		0.50	0.044	mg/L		02/28/25 04:52	03/04/25 09:57	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/28/25 04:52	03/04/25 09:57	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/28/25 04:52	03/04/25 09:57	1
Sodium	<0.20		0.50	0.20	mg/L		02/28/25 04:52	03/04/25 09:57	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/28/25 04:52	03/04/25 09:57	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/28/25 04:52	03/04/25 09:57	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/28/25 04:52	03/04/25 09:57	1

Lab Sample ID: LCS 680-877300/2-A
Matrix: Water
Analysis Batch: 877677

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 877300

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.0500	0.0527		mg/L		105	80 - 120
Arsenic	0.100	0.105		mg/L		105	80 - 120
Barium	0.100	0.102		mg/L		102	80 - 120
Beryllium	0.0500	0.0539		mg/L		108	80 - 120
Boron	0.400	0.400		mg/L		100	80 - 120
Cadmium	0.0500	0.0537		mg/L		107	80 - 120
Calcium	5.00	5.07		mg/L		101	80 - 120
Chromium	0.100	0.110		mg/L		110	80 - 120
Cobalt	0.0500	0.0520		mg/L		104	80 - 120
Copper	0.101	0.105		mg/L		104	80 - 120
Lead	0.500	0.522		mg/L		104	80 - 120
Magnesium	5.00	4.56		mg/L		91	80 - 120
Nickel	0.100	0.102		mg/L		102	80 - 120
Potassium	7.00	7.16		mg/L		102	80 - 120
Selenium	0.100	0.0932		mg/L		93	80 - 120
Silver	0.0500	0.0545		mg/L		109	80 - 120
Sodium	5.00	5.04		mg/L		101	80 - 120
Thallium	0.0500	0.0505		mg/L		101	80 - 120
Vanadium	0.100	0.107		mg/L		107	80 - 120
Zinc	0.100	0.110		mg/L		110	80 - 120

Lab Sample ID: 680-262287-A-3-B MS
Matrix: Water
Analysis Batch: 877677

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 877300

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.00034		0.0500	0.0503		mg/L		101	75 - 125

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 680-262287-A-3-B MS
Matrix: Water
Analysis Batch: 877677

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 877300

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.0024		0.100	0.106		mg/L		103	75 - 125
Barium	0.052		0.100	0.144		mg/L		92	75 - 125
Beryllium	<0.00020		0.0500	0.0535		mg/L		107	75 - 125
Boron	0.12		0.400	0.493		mg/L		92	75 - 125
Cadmium	0.00049	J	0.0500	0.0536		mg/L		106	75 - 125
Calcium	40		5.00	41.1	4	mg/L		31	75 - 125
Chromium	<0.0012		0.100	0.106		mg/L		106	75 - 125
Cobalt	0.00074	J	0.0500	0.0506		mg/L		100	75 - 125
Copper	<0.0011		0.101	0.0996		mg/L		99	75 - 125
Lead	<0.00021		0.500	0.516		mg/L		103	75 - 125
Magnesium	23		5.00	26.0	4	mg/L		53	75 - 125
Nickel	0.0021		0.100	0.0994		mg/L		97	75 - 125
Potassium	0.31	J	7.00	7.30		mg/L		100	75 - 125
Selenium	0.0037	J	0.100	0.105		mg/L		102	75 - 125
Silver	<0.00039		0.0500	0.0535		mg/L		107	75 - 125
Sodium	23		5.00	25.5	4	mg/L		44	75 - 125
Thallium	<0.00026		0.0500	0.0505		mg/L		101	75 - 125
Vanadium	0.0033		0.100	0.107		mg/L		104	75 - 125
Zinc	0.0041	J	0.100	0.101		mg/L		97	75 - 125

Lab Sample ID: 680-262287-A-3-C MSD
Matrix: Water
Analysis Batch: 877677

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 877300

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.00034		0.0500	0.0522		mg/L		104	75 - 125	4	20
Arsenic	0.0024		0.100	0.106		mg/L		104	75 - 125	1	20
Barium	0.052		0.100	0.152		mg/L		100	75 - 125	5	20
Beryllium	<0.00020		0.0500	0.0575		mg/L		115	75 - 125	7	20
Boron	0.12		0.400	0.497		mg/L		93	75 - 125	1	20
Cadmium	0.00049	J	0.0500	0.0560		mg/L		111	75 - 125	5	20
Calcium	40		5.00	45.2	4	mg/L		113	75 - 125	9	20
Chromium	<0.0012		0.100	0.110		mg/L		110	75 - 125	4	20
Cobalt	0.00074	J	0.0500	0.0530		mg/L		104	75 - 125	4	20
Copper	<0.0011		0.101	0.104		mg/L		103	75 - 125	5	20
Lead	<0.00021		0.500	0.534		mg/L		107	75 - 125	3	20
Magnesium	23		5.00	28.3	4	mg/L		100	75 - 125	9	20
Nickel	0.0021		0.100	0.104		mg/L		102	75 - 125	4	20
Potassium	0.31	J	7.00	7.59		mg/L		104	75 - 125	4	20
Selenium	0.0037	J	0.100	0.101		mg/L		97	75 - 125	5	20
Silver	<0.00039		0.0500	0.0559		mg/L		112	75 - 125	4	20
Sodium	23		5.00	26.5	4	mg/L		64	75 - 125	4	20
Thallium	<0.00026		0.0500	0.0520		mg/L		104	75 - 125	3	20
Vanadium	0.0033		0.100	0.111		mg/L		108	75 - 125	4	20
Zinc	0.0041	J	0.100	0.105		mg/L		101	75 - 125	4	20

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 680-877301/1-A
Matrix: Water
Analysis Batch: 877677

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 877301

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/28/25 04:52	03/03/25 12:15	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/28/25 04:52	03/03/25 12:15	1
Barium	<0.00089		0.010	0.00089	mg/L		02/28/25 04:52	03/03/25 12:15	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/28/25 04:52	03/03/25 12:15	1
Boron	<0.022		0.080	0.022	mg/L		02/28/25 04:52	03/03/25 12:15	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/28/25 04:52	03/03/25 12:15	1
Calcium	<0.14		0.50	0.14	mg/L		02/28/25 04:52	03/03/25 12:15	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/28/25 04:52	03/03/25 12:15	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/28/25 04:52	03/03/25 12:15	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/28/25 04:52	03/03/25 12:15	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/28/25 04:52	03/03/25 12:15	1
Magnesium	<0.023		0.50	0.023	mg/L		02/28/25 04:52	03/03/25 12:15	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/28/25 04:52	03/03/25 12:15	1
Potassium	<0.044		0.50	0.044	mg/L		02/28/25 04:52	03/03/25 12:15	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/28/25 04:52	03/03/25 12:15	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/28/25 04:52	03/03/25 12:15	1
Sodium	<0.20		0.50	0.20	mg/L		02/28/25 04:52	03/03/25 12:15	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/28/25 04:52	03/03/25 12:15	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/28/25 04:52	03/03/25 12:15	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/28/25 04:52	03/03/25 12:15	1

Lab Sample ID: LCS 680-877301/2-A
Matrix: Water
Analysis Batch: 877677

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 877301

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.0500	0.0514		mg/L		103	80 - 120
Arsenic	0.100	0.100		mg/L		100	80 - 120
Barium	0.100	0.0993		mg/L		99	80 - 120
Beryllium	0.0500	0.0522		mg/L		104	80 - 120
Boron	0.400	0.380		mg/L		95	80 - 120
Cadmium	0.0500	0.0517		mg/L		103	80 - 120
Calcium	5.00	4.94		mg/L		99	80 - 120
Chromium	0.100	0.105		mg/L		105	80 - 120
Cobalt	0.0500	0.0513		mg/L		103	80 - 120
Copper	0.101	0.103		mg/L		102	80 - 120
Lead	0.500	0.500		mg/L		100	80 - 120
Magnesium	5.00	4.41		mg/L		88	80 - 120
Nickel	0.100	0.100		mg/L		100	80 - 120
Potassium	7.00	7.08		mg/L		101	80 - 120
Selenium	0.100	0.0971		mg/L		97	80 - 120
Silver	0.0500	0.0533		mg/L		107	80 - 120
Sodium	5.00	4.96		mg/L		99	80 - 120
Thallium	0.0500	0.0484		mg/L		97	80 - 120
Vanadium	0.100	0.103		mg/L		103	80 - 120
Zinc	0.100	0.102		mg/L		102	80 - 120

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 680-262287-A-4-B MS
Matrix: Water
Analysis Batch: 877677

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 877301

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.00034		0.0500	0.0549		mg/L		110	75 - 125
Arsenic	0.0013		0.100	0.114		mg/L		112	75 - 125
Barium	0.076		0.100	0.181		mg/L		105	75 - 125
Beryllium	<0.00020		0.0500	0.0556		mg/L		111	75 - 125
Boron	0.11		0.400	0.524		mg/L		103	75 - 125
Cadmium	0.000085	J	0.0500	0.0566		mg/L		113	75 - 125
Calcium	71		5.00	78.2	4	mg/L		138	75 - 125
Chromium	<0.0012		0.100	0.112		mg/L		112	75 - 125
Cobalt	<0.00022		0.0500	0.0546		mg/L		109	75 - 125
Copper	<0.0011		0.101	0.108		mg/L		107	75 - 125
Lead	<0.00021		0.500	0.548		mg/L		110	75 - 125
Magnesium	35		5.00	40.6	4	mg/L		111	75 - 125
Nickel	0.0018		0.100	0.106		mg/L		105	75 - 125
Potassium	0.31	J	7.00	7.99		mg/L		110	75 - 125
Selenium	0.0030	J	0.100	0.113		mg/L		110	75 - 125
Silver	<0.00039		0.0500	0.0570		mg/L		114	75 - 125
Sodium	110		5.00	115	4	mg/L		78	75 - 125
Thallium	<0.00026		0.0500	0.0536		mg/L		107	75 - 125
Vanadium	0.0020		0.100	0.114		mg/L		112	75 - 125
Zinc	0.0046	J	0.100	0.112		mg/L		108	75 - 125

Lab Sample ID: 680-262287-A-4-C MSD
Matrix: Water
Analysis Batch: 877677

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 877301

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.00034		0.0500	0.0551		mg/L		110	75 - 125	0	20
Arsenic	0.0013		0.100	0.111		mg/L		110	75 - 125	2	20
Barium	0.076		0.100	0.183		mg/L		107	75 - 125	1	20
Beryllium	<0.00020		0.0500	0.0576		mg/L		115	75 - 125	4	20
Boron	0.11		0.400	0.522		mg/L		102	75 - 125	0	20
Cadmium	0.000085	J	0.0500	0.0564		mg/L		113	75 - 125	0	20
Calcium	71		5.00	76.3	4	mg/L		98	75 - 125	3	20
Chromium	<0.0012		0.100	0.111		mg/L		111	75 - 125	1	20
Cobalt	<0.00022		0.0500	0.0546		mg/L		109	75 - 125	0	20
Copper	<0.0011		0.101	0.109		mg/L		108	75 - 125	1	20
Lead	<0.00021		0.500	0.565		mg/L		113	75 - 125	3	20
Magnesium	35		5.00	39.0	4	mg/L		79	75 - 125	4	20
Nickel	0.0018		0.100	0.107		mg/L		106	75 - 125	1	20
Potassium	0.31	J	7.00	8.03		mg/L		110	75 - 125	1	20
Selenium	0.0030	J	0.100	0.109		mg/L		106	75 - 125	3	20
Silver	<0.00039		0.0500	0.0564		mg/L		113	75 - 125	1	20
Sodium	110		5.00	114	4	mg/L		64	75 - 125	1	20
Thallium	<0.00026		0.0500	0.0530		mg/L		106	75 - 125	1	20
Vanadium	0.0020		0.100	0.113		mg/L		111	75 - 125	1	20
Zinc	0.0046	J	0.100	0.115		mg/L		110	75 - 125	2	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 680-878147/1-A
Matrix: Water
Analysis Batch: 878262

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 878147

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/07/25 11:00	03/07/25 14:36	1

Lab Sample ID: LCS 680-878147/2-A
Matrix: Water
Analysis Batch: 878262

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 878147

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00250	0.00261		mg/L		104	80 - 120

Lab Sample ID: 680-262339-F-5-C MS
Matrix: Water
Analysis Batch: 878262

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 878147

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.000080		0.00100	0.00101		mg/L		101	80 - 120

Lab Sample ID: 680-262339-F-5-D MSD
Matrix: Water
Analysis Batch: 878262

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 878147

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.000080		0.00100	0.000990		mg/L		99	80 - 120	2	20

Lab Sample ID: MB 680-878173/1-A
Matrix: Water
Analysis Batch: 878262

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 878173

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/07/25 12:30	03/07/25 16:45	1

Lab Sample ID: LCS 680-878173/2-A
Matrix: Water
Analysis Batch: 878262

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 878173

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00250	0.00254		mg/L		101	80 - 120

Lab Sample ID: 400-271705-C-1-C MS
Matrix: Water
Analysis Batch: 878262

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 878173

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.000080		0.00100	0.00100		mg/L		100	80 - 120

Lab Sample ID: 400-271705-C-1-D MSD
Matrix: Water
Analysis Batch: 878262

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 878173

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.000080		0.00100	0.000990		mg/L		99	80 - 120	1	20

Method: 2320B-2011 - Alkalinity, Total

Lab Sample ID: MB 680-877565/4
Matrix: Water
Analysis Batch: 877565

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5	<2.2		5.0	2.2	mg/L			02/28/25 20:18	1
Bicarbonate Alkalinity as CaCO3	<2.2		5.0	2.2	mg/L			02/28/25 20:18	1
Carbonate Alkalinity as CaCO3	<2.2		5.0	2.2	mg/L			02/28/25 20:18	1

Lab Sample ID: LCS 680-877565/6
Matrix: Water
Analysis Batch: 877565

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Alkalinity as CaCO3 to pH 4.5			250	241		mg/L		96	90 - 112		

Lab Sample ID: 680-262298-8 DU
Matrix: Water
Analysis Batch: 877565

Client Sample ID: SCH-GWC-51
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	43			38.1		mg/L				11	30
Bicarbonate Alkalinity as CaCO3	43			38.1		mg/L				11	30
Carbonate Alkalinity as CaCO3	<2.2			<2.2		mg/L				NC	30

Method: 2540C-2011 - Total Dissolved Solids (Dried at 180 °C)

Lab Sample ID: MB 680-877383/1
Matrix: Water
Analysis Batch: 877383

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			02/28/25 14:16	1

Lab Sample ID: LCS 680-877383/2
Matrix: Water
Analysis Batch: 877383

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids			2440	2390		mg/L		98	80 - 120		

Lab Sample ID: LCSD 680-877383/3
Matrix: Water
Analysis Batch: 877383

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids			2440	2360		mg/L		97	80 - 120	1	25

Lab Sample ID: 680-262298-2 DU
Matrix: Water
Analysis Batch: 877383

Client Sample ID: SCH-GWA-45
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	280			274		mg/L				3	5

HPLC/IC

Analysis Batch: 878052

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262298-1	SCH-GWC-29	Total/NA	Water	300.0-1993 R2.1	
MB 680-878052/49	Method Blank	Total/NA	Water	300.0-1993 R2.1	
LCS 680-878052/57	Lab Control Sample	Total/NA	Water	300.0-1993 R2.1	
LCSD 680-878052/58	Lab Control Sample Dup	Total/NA	Water	300.0-1993 R2.1	
752-30046-A-1 MS	Matrix Spike	Total/NA	Water	300.0-1993 R2.1	
752-30046-A-1 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0-1993 R2.1	

Analysis Batch: 878139

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262298-2	SCH-GWA-45	Total/NA	Water	300.0-1993 R2.1	
680-262298-3	SCH-GWA-46	Total/NA	Water	300.0-1993 R2.1	
680-262298-4	SCH-GWA-47	Total/NA	Water	300.0-1993 R2.1	
680-262298-5	SCH-GWA-48	Total/NA	Water	300.0-1993 R2.1	
680-262298-6	SCH-GWA-49	Total/NA	Water	300.0-1993 R2.1	
680-262298-7	SCH-GWC-50	Total/NA	Water	300.0-1993 R2.1	
680-262298-8	SCH-GWC-51	Total/NA	Water	300.0-1993 R2.1	
680-262298-9	SCH-GWC-52	Total/NA	Water	300.0-1993 R2.1	
680-262298-10	SCH-PAC-FB-7	Total/NA	Water	300.0-1993 R2.1	
MB 680-878139/2	Method Blank	Total/NA	Water	300.0-1993 R2.1	
LCS 680-878139/3	Lab Control Sample	Total/NA	Water	300.0-1993 R2.1	
LCSD 680-878139/4	Lab Control Sample Dup	Total/NA	Water	300.0-1993 R2.1	
680-262298-4 MS	SCH-GWA-47	Total/NA	Water	300.0-1993 R2.1	
680-262298-4 MSD	SCH-GWA-47	Total/NA	Water	300.0-1993 R2.1	

Analysis Batch: 878140

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262298-11	SCH-PAC-EB-7	Total/NA	Water	300.0-1993 R2.1	
680-262298-13	SCH-PAC-FB-8	Total/NA	Water	300.0-1993 R2.1	
680-262298-14	SCH-PAC-EB-8	Total/NA	Water	300.0-1993 R2.1	
MB 680-878140/48	Method Blank	Total/NA	Water	300.0-1993 R2.1	
LCS 680-878140/49	Lab Control Sample	Total/NA	Water	300.0-1993 R2.1	
LCSD 680-878140/50	Lab Control Sample Dup	Total/NA	Water	300.0-1993 R2.1	
680-262298-11 MS	SCH-PAC-EB-7	Total/NA	Water	300.0-1993 R2.1	
680-262298-11 MSD	SCH-PAC-EB-7	Total/NA	Water	300.0-1993 R2.1	

Analysis Batch: 878211

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262298-12	SCH-PAC-FD-8	Total/NA	Water	300.0-1993 R2.1	
MB 680-878211/2	Method Blank	Total/NA	Water	300.0-1993 R2.1	
LCS 680-878211/3	Lab Control Sample	Total/NA	Water	300.0-1993 R2.1	
LCSD 680-878211/4	Lab Control Sample Dup	Total/NA	Water	300.0-1993 R2.1	
680-262298-12 MS	SCH-PAC-FD-8	Total/NA	Water	300.0-1993 R2.1	
680-262298-12 MSD	SCH-PAC-FD-8	Total/NA	Water	300.0-1993 R2.1	

Analysis Batch: 878279

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262298-9	SCH-GWC-52	Total/NA	Water	300.0-1993 R2.1	
MB 680-878279/2	Method Blank	Total/NA	Water	300.0-1993 R2.1	
LCS 680-878279/3	Lab Control Sample	Total/NA	Water	300.0-1993 R2.1	
LCSD 680-878279/4	Lab Control Sample Dup	Total/NA	Water	300.0-1993 R2.1	
680-262298-9 MS	SCH-GWC-52	Total/NA	Water	300.0-1993 R2.1	

HPLC/IC (Continued)

Analysis Batch: 878279 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262298-9 MSD	SCH-GWC-52	Total/NA	Water	300.0-1993 R2.1	

Metals

Prep Batch: 877298

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262298-9	SCH-GWC-52	Total Recoverable	Water	3005A	
680-262298-10	SCH-PAC-FB-7	Total Recoverable	Water	3005A	
MB 680-877298/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-877298/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
680-262300-E-4-B MS	Matrix Spike	Total Recoverable	Water	3005A	
680-262300-E-4-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Prep Batch: 877299

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262298-13	SCH-PAC-FB-8	Total Recoverable	Water	3005A	
680-262298-14	SCH-PAC-EB-8	Total Recoverable	Water	3005A	
MB 680-877299/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-877299/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
680-262285-C-26-A MS	Matrix Spike	Total Recoverable	Water	3005A	
680-262285-C-26-B MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Prep Batch: 877300

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262298-2	SCH-GWA-45	Total Recoverable	Water	3005A	
680-262298-3	SCH-GWA-46	Total Recoverable	Water	3005A	
680-262298-6	SCH-GWA-49	Total Recoverable	Water	3005A	
680-262298-7	SCH-GWC-50	Total Recoverable	Water	3005A	
680-262298-8	SCH-GWC-51	Total Recoverable	Water	3005A	
MB 680-877300/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-877300/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
680-262287-A-3-B MS	Matrix Spike	Total Recoverable	Water	3005A	
680-262287-A-3-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Prep Batch: 877301

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262298-1	SCH-GWC-29	Total Recoverable	Water	3005A	
680-262298-4	SCH-GWA-47	Total Recoverable	Water	3005A	
680-262298-5	SCH-GWA-48	Total Recoverable	Water	3005A	
680-262298-11	SCH-PAC-EB-7	Total Recoverable	Water	3005A	
680-262298-12	SCH-PAC-FD-8	Total Recoverable	Water	3005A	
MB 680-877301/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-877301/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
680-262287-A-4-B MS	Matrix Spike	Total Recoverable	Water	3005A	
680-262287-A-4-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Analysis Batch: 877677

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262298-1	SCH-GWC-29	Total Recoverable	Water	6020B	877301
680-262298-2	SCH-GWA-45	Total Recoverable	Water	6020B	877300
680-262298-2	SCH-GWA-45	Total Recoverable	Water	6020B	877300

Metals (Continued)

Analysis Batch: 877677 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262298-3	SCH-GWA-46	Total Recoverable	Water	6020B	877300
680-262298-3	SCH-GWA-46	Total Recoverable	Water	6020B	877300
680-262298-4	SCH-GWA-47	Total Recoverable	Water	6020B	877301
680-262298-5	SCH-GWA-48	Total Recoverable	Water	6020B	877301
680-262298-6	SCH-GWA-49	Total Recoverable	Water	6020B	877300
680-262298-6	SCH-GWA-49	Total Recoverable	Water	6020B	877300
680-262298-7	SCH-GWC-50	Total Recoverable	Water	6020B	877300
680-262298-7	SCH-GWC-50	Total Recoverable	Water	6020B	877300
680-262298-8	SCH-GWC-51	Total Recoverable	Water	6020B	877300
680-262298-8	SCH-GWC-51	Total Recoverable	Water	6020B	877300
680-262298-9	SCH-GWC-52	Total Recoverable	Water	6020B	877298
680-262298-10	SCH-PAC-FB-7	Total Recoverable	Water	6020B	877298
680-262298-11	SCH-PAC-EB-7	Total Recoverable	Water	6020B	877301
680-262298-12	SCH-PAC-FD-8	Total Recoverable	Water	6020B	877301
680-262298-13	SCH-PAC-FB-8	Total Recoverable	Water	6020B	877299
680-262298-14	SCH-PAC-EB-8	Total Recoverable	Water	6020B	877299
MB 680-877298/1-A	Method Blank	Total Recoverable	Water	6020B	877298
MB 680-877299/1-A	Method Blank	Total Recoverable	Water	6020B	877299
MB 680-877300/1-A	Method Blank	Total Recoverable	Water	6020B	877300
MB 680-877301/1-A	Method Blank	Total Recoverable	Water	6020B	877301
LCS 680-877298/2-A	Lab Control Sample	Total Recoverable	Water	6020B	877298
LCS 680-877299/2-A	Lab Control Sample	Total Recoverable	Water	6020B	877299
LCS 680-877300/2-A	Lab Control Sample	Total Recoverable	Water	6020B	877300
LCS 680-877301/2-A	Lab Control Sample	Total Recoverable	Water	6020B	877301
680-262285-C-26-A MS	Matrix Spike	Total Recoverable	Water	6020B	877299
680-262285-C-26-B MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020B	877299
680-262287-A-3-B MS	Matrix Spike	Total Recoverable	Water	6020B	877300
680-262287-A-3-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020B	877300
680-262287-A-4-B MS	Matrix Spike	Total Recoverable	Water	6020B	877301
680-262287-A-4-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020B	877301
680-262300-E-4-B MS	Matrix Spike	Total Recoverable	Water	6020B	877298
680-262300-E-4-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020B	877298

Analysis Batch: 877797

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262298-13	SCH-PAC-FB-8	Total Recoverable	Water	6020B	877299
680-262298-14	SCH-PAC-EB-8	Total Recoverable	Water	6020B	877299
MB 680-877299/1-A	Method Blank	Total Recoverable	Water	6020B	877299
LCS 680-877299/2-A	Lab Control Sample	Total Recoverable	Water	6020B	877299
680-262285-C-26-A MS	Matrix Spike	Total Recoverable	Water	6020B	877299
680-262285-C-26-B MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020B	877299

Prep Batch: 878147

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262298-2	SCH-GWA-45	Total/NA	Water	7470A	
680-262298-3	SCH-GWA-46	Total/NA	Water	7470A	
680-262298-4	SCH-GWA-47	Total/NA	Water	7470A	
680-262298-5	SCH-GWA-48	Total/NA	Water	7470A	
680-262298-6	SCH-GWA-49	Total/NA	Water	7470A	
680-262298-7	SCH-GWC-50	Total/NA	Water	7470A	
680-262298-8	SCH-GWC-51	Total/NA	Water	7470A	

Metals (Continued)

Prep Batch: 878147 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262298-9	SCH-GWC-52	Total/NA	Water	7470A	
680-262298-10	SCH-PAC-FB-7	Total/NA	Water	7470A	
680-262298-11	SCH-PAC-EB-7	Total/NA	Water	7470A	
680-262298-12	SCH-PAC-FD-8	Total/NA	Water	7470A	
680-262298-13	SCH-PAC-FB-8	Total/NA	Water	7470A	
MB 680-878147/1-A	Method Blank	Total/NA	Water	7470A	
LCS 680-878147/2-A	Lab Control Sample	Total/NA	Water	7470A	
680-262339-F-5-C MS	Matrix Spike	Total/NA	Water	7470A	
680-262339-F-5-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Prep Batch: 878173

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262298-1	SCH-GWC-29	Total/NA	Water	7470A	
680-262298-14	SCH-PAC-EB-8	Total/NA	Water	7470A	
MB 680-878173/1-A	Method Blank	Total/NA	Water	7470A	
LCS 680-878173/2-A	Lab Control Sample	Total/NA	Water	7470A	
400-271705-C-1-C MS	Matrix Spike	Total/NA	Water	7470A	
400-271705-C-1-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Analysis Batch: 878262

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262298-1	SCH-GWC-29	Total/NA	Water	7470A	878173
680-262298-2	SCH-GWA-45	Total/NA	Water	7470A	878147
680-262298-3	SCH-GWA-46	Total/NA	Water	7470A	878147
680-262298-4	SCH-GWA-47	Total/NA	Water	7470A	878147
680-262298-5	SCH-GWA-48	Total/NA	Water	7470A	878147
680-262298-6	SCH-GWA-49	Total/NA	Water	7470A	878147
680-262298-7	SCH-GWC-50	Total/NA	Water	7470A	878147
680-262298-8	SCH-GWC-51	Total/NA	Water	7470A	878147
680-262298-9	SCH-GWC-52	Total/NA	Water	7470A	878147
680-262298-10	SCH-PAC-FB-7	Total/NA	Water	7470A	878147
680-262298-11	SCH-PAC-EB-7	Total/NA	Water	7470A	878147
680-262298-12	SCH-PAC-FD-8	Total/NA	Water	7470A	878147
680-262298-13	SCH-PAC-FB-8	Total/NA	Water	7470A	878147
680-262298-14	SCH-PAC-EB-8	Total/NA	Water	7470A	878173
MB 680-878147/1-A	Method Blank	Total/NA	Water	7470A	878147
MB 680-878173/1-A	Method Blank	Total/NA	Water	7470A	878173
LCS 680-878147/2-A	Lab Control Sample	Total/NA	Water	7470A	878147
LCS 680-878173/2-A	Lab Control Sample	Total/NA	Water	7470A	878173
400-271705-C-1-C MS	Matrix Spike	Total/NA	Water	7470A	878173
400-271705-C-1-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	878173
680-262339-F-5-C MS	Matrix Spike	Total/NA	Water	7470A	878147
680-262339-F-5-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	878147

General Chemistry

Analysis Batch: 877383

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262298-1	SCH-GWC-29	Total/NA	Water	2540C-2011	
680-262298-2	SCH-GWA-45	Total/NA	Water	2540C-2011	
680-262298-3	SCH-GWA-46	Total/NA	Water	2540C-2011	

General Chemistry (Continued)

Analysis Batch: 877383 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262298-4	SCH-GWA-47	Total/NA	Water	2540C-2011	
680-262298-5	SCH-GWA-48	Total/NA	Water	2540C-2011	
680-262298-6	SCH-GWA-49	Total/NA	Water	2540C-2011	
680-262298-7	SCH-GWC-50	Total/NA	Water	2540C-2011	
680-262298-8	SCH-GWC-51	Total/NA	Water	2540C-2011	
680-262298-9	SCH-GWC-52	Total/NA	Water	2540C-2011	
680-262298-10	SCH-PAC-FB-7	Total/NA	Water	2540C-2011	
680-262298-11	SCH-PAC-EB-7	Total/NA	Water	2540C-2011	
680-262298-12	SCH-PAC-FD-8	Total/NA	Water	2540C-2011	
680-262298-13	SCH-PAC-FB-8	Total/NA	Water	2540C-2011	
680-262298-14	SCH-PAC-EB-8	Total/NA	Water	2540C-2011	
MB 680-877383/1	Method Blank	Total/NA	Water	2540C-2011	
LCS 680-877383/2	Lab Control Sample	Total/NA	Water	2540C-2011	
LCSD 680-877383/3	Lab Control Sample Dup	Total/NA	Water	2540C-2011	
680-262298-2 DU	SCH-GWA-45	Total/NA	Water	2540C-2011	

Analysis Batch: 877565

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262298-1	SCH-GWC-29	Total/NA	Water	2320B-2011	
680-262298-2	SCH-GWA-45	Total/NA	Water	2320B-2011	
680-262298-3	SCH-GWA-46	Total/NA	Water	2320B-2011	
680-262298-4	SCH-GWA-47	Total/NA	Water	2320B-2011	
680-262298-5	SCH-GWA-48	Total/NA	Water	2320B-2011	
680-262298-6	SCH-GWA-49	Total/NA	Water	2320B-2011	
680-262298-7	SCH-GWC-50	Total/NA	Water	2320B-2011	
680-262298-8	SCH-GWC-51	Total/NA	Water	2320B-2011	
680-262298-9	SCH-GWC-52	Total/NA	Water	2320B-2011	
680-262298-10	SCH-PAC-FB-7	Total/NA	Water	2320B-2011	
680-262298-11	SCH-PAC-EB-7	Total/NA	Water	2320B-2011	
680-262298-12	SCH-PAC-FD-8	Total/NA	Water	2320B-2011	
680-262298-13	SCH-PAC-FB-8	Total/NA	Water	2320B-2011	
680-262298-14	SCH-PAC-EB-8	Total/NA	Water	2320B-2011	
MB 680-877565/4	Method Blank	Total/NA	Water	2320B-2011	
LCS 680-877565/6	Lab Control Sample	Total/NA	Water	2320B-2011	
680-262298-8 DU	SCH-GWC-51	Total/NA	Water	2320B-2011	

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-262298-1

Client Sample ID: SCH-GWC-29

Lab Sample ID: 680-262298-1

Date Collected: 02/26/25 14:13

Matrix: Water

Date Received: 02/27/25 11:31

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	878052	03/07/25 01:16	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877301	02/28/25 04:52	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877677	03/03/25 12:40	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	878173	03/07/25 12:30	MG	EET SAV
Total/NA	Analysis	7470A		1			878262	03/07/25 17:46	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877565	02/28/25 21:01	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877383	02/28/25 14:16	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-GWA-45

Lab Sample ID: 680-262298-2

Date Collected: 02/26/25 10:25

Matrix: Water

Date Received: 02/27/25 11:31

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		10	5 mL	5 mL	878139	03/07/25 14:54	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877300	02/28/25 04:52	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877677	03/03/25 14:07	BWR	EET SAV
	Instrument ID: ICPMSG									
Total Recoverable	Prep	3005A			25 mL	125 mL	877300	02/28/25 04:52	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877677	03/04/25 10:01	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	878147	03/07/25 11:00	MG	EET SAV
Total/NA	Analysis	7470A		1			878262	03/07/25 15:33	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877565	02/28/25 21:55	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	50 mL	200 mL	877383	02/28/25 14:16	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-GWA-46

Lab Sample ID: 680-262298-3

Date Collected: 02/26/25 09:46

Matrix: Water

Date Received: 02/27/25 11:31

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	878139	03/07/25 15:04	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877300	02/28/25 04:52	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877677	03/03/25 14:01	BWR	EET SAV
	Instrument ID: ICPMSG									

Lab Chronicle

Client: Southern Company
Job ID: 680-262298-1
Project/Site: CCR - Plant Scherer PAC Ash Cell

Client Sample ID: SCH-GWA-46
Lab Sample ID: 680-262298-3
Date Collected: 02/26/25 09:46
Matrix: Water
Date Received: 02/27/25 11:31

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			25 mL	125 mL	877300	02/28/25 04:52	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877677	03/04/25 10:05	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	878147	03/07/25 11:00	MG	EET SAV
Total/NA	Analysis	7470A		1			878262	03/07/25 14:57	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877565	02/28/25 21:32	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877383	02/28/25 14:16	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-GWA-47
Lab Sample ID: 680-262298-4
Date Collected: 02/26/25 11:01
Matrix: Water
Date Received: 02/27/25 11:31

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	878139	03/07/25 15:33	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877301	02/28/25 04:52	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877677	03/03/25 13:04	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	878147	03/07/25 11:00	MG	EET SAV
Total/NA	Analysis	7470A		1			878262	03/07/25 15:30	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877565	02/28/25 22:04	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877383	02/28/25 14:16	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-GWA-48
Lab Sample ID: 680-262298-5
Date Collected: 02/26/25 12:24
Matrix: Water
Date Received: 02/27/25 11:31

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	878139	03/07/25 16:12	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877301	02/28/25 04:52	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877677	03/03/25 13:06	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	878147	03/07/25 11:00	MG	EET SAV
Total/NA	Analysis	7470A		1			878262	03/07/25 15:23	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877565	02/28/25 21:24	PG	EET SAV
	Instrument ID: MANTECH 2									

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-262298-1

Client Sample ID: SCH-GWA-48

Date Collected: 02/26/25 12:24
Date Received: 02/27/25 11:31

Lab Sample ID: 680-262298-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877383	02/28/25 14:16	PG	EET SAV

Client Sample ID: SCH-GWA-49

Date Collected: 02/26/25 14:11
Date Received: 02/27/25 11:31

Lab Sample ID: 680-262298-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	878139	03/07/25 16:22	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877300	02/28/25 04:52	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877677	03/03/25 14:03	BWR	EET SAV
	Instrument ID: ICPMSG									
Total Recoverable	Prep	3005A			25 mL	125 mL	877300	02/28/25 04:52	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877677	03/04/25 10:07	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	878147	03/07/25 11:00	MG	EET SAV
Total/NA	Analysis	7470A		1			878262	03/07/25 15:37	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877565	02/28/25 21:10	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877383	02/28/25 14:16	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-GWC-50

Date Collected: 02/26/25 15:27
Date Received: 02/27/25 11:31

Lab Sample ID: 680-262298-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	878139	03/07/25 16:32	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877300	02/28/25 04:52	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877677	03/03/25 14:05	BWR	EET SAV
	Instrument ID: ICPMSG									
Total Recoverable	Prep	3005A			25 mL	125 mL	877300	02/28/25 04:52	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877677	03/04/25 10:09	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	878147	03/07/25 11:00	MG	EET SAV
Total/NA	Analysis	7470A		1			878262	03/07/25 14:50	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877565	02/28/25 23:05	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877383	02/28/25 14:16	PG	EET SAV
	Instrument ID: NOEQUIP									

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-262298-1

Client Sample ID: SCH-GWC-51

Lab Sample ID: 680-262298-8

Date Collected: 02/26/25 12:45

Matrix: Water

Date Received: 02/27/25 11:31

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	878139	03/07/25 16:41	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877300	02/28/25 04:52	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877677	03/03/25 13:55	BWR	EET SAV
	Instrument ID: ICPMSG									
Total Recoverable	Prep	3005A			25 mL	125 mL	877300	02/28/25 04:52	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877677	03/04/25 10:03	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	878147	03/07/25 11:00	MG	EET SAV
Total/NA	Analysis	7470A		1			878262	03/07/25 15:11	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877565	02/28/25 22:34	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877383	02/28/25 14:16	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-GWC-52

Lab Sample ID: 680-262298-9

Date Collected: 02/26/25 11:40

Matrix: Water

Date Received: 02/27/25 11:31

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		2	5 mL	5 mL	878139	03/07/25 16:51	BS	EET SAV
	Instrument ID: CICP									
Total/NA	Analysis	300.0-1993 R2.1		5	5 mL	5 mL	878279	03/10/25 12:14	AF	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877298	02/28/25 04:52	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877677	03/03/25 14:29	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	878147	03/07/25 11:00	MG	EET SAV
Total/NA	Analysis	7470A		1			878262	03/07/25 14:53	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877565	02/28/25 21:46	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	50 mL	200 mL	877383	02/28/25 14:16	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-PAC-FB-7

Lab Sample ID: 680-262298-10

Date Collected: 02/26/25 13:00

Matrix: Water

Date Received: 02/27/25 11:31

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	878139	03/07/25 17:01	BS	EET SAV
	Instrument ID: CICP									

Lab Chronicle

Client: Southern Company
Job ID: 680-262298-1
Project/Site: CCR - Plant Scherer PAC Ash Cell

Client Sample ID: SCH-PAC-FB-7
Lab Sample ID: 680-262298-10
Date Collected: 02/26/25 13:00
Matrix: Water
Date Received: 02/27/25 11:31

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			25 mL	125 mL	877298	02/28/25 04:52	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877677	03/03/25 14:49	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	878147	03/07/25 11:00	MG	EET SAV
Total/NA	Analysis	7470A		1			878262	03/07/25 15:16	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877565	02/28/25 21:16	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877383	02/28/25 14:16	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-PAC-EB-7
Lab Sample ID: 680-262298-11
Date Collected: 02/26/25 10:45
Matrix: Water
Date Received: 02/27/25 11:31

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	878140	03/07/25 18:39	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877301	02/28/25 04:52	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877677	03/03/25 12:42	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	878147	03/07/25 11:00	MG	EET SAV
Total/NA	Analysis	7470A		1			878262	03/07/25 15:35	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877565	02/28/25 22:56	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877383	02/28/25 14:16	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-PAC-FD-8
Lab Sample ID: 680-262298-12
Date Collected: 02/26/25 00:00
Matrix: Water
Date Received: 02/27/25 11:31

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	878211	03/08/25 14:10	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877301	02/28/25 04:52	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877677	03/03/25 12:46	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	878147	03/07/25 11:00	MG	EET SAV
Total/NA	Analysis	7470A		1			878262	03/07/25 14:55	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877565	02/28/25 22:51	PG	EET SAV
	Instrument ID: MANTECH 2									

Lab Chronicle

Client: Southern Company
Job ID: 680-262298-1
Project/Site: CCR - Plant Scherer PAC Ash Cell

Client Sample ID: SCH-PAC-FD-8
Lab Sample ID: 680-262298-12
Date Collected: 02/26/25 00:00
Matrix: Water
Date Received: 02/27/25 11:31

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877383	02/28/25 14:16	PG	EET SAV

Client Sample ID: SCH-PAC-FB-8
Lab Sample ID: 680-262298-13
Date Collected: 02/26/25 14:25
Matrix: Water
Date Received: 02/27/25 11:31

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	878140	03/07/25 19:28	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877299	02/28/25 04:52	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877797	03/04/25 14:09	BWR	EET SAV
	Instrument ID: ICPMSD									
Total Recoverable	Prep	3005A			25 mL	125 mL	877299	02/28/25 04:52	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877677	03/03/25 15:32	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	878147	03/07/25 11:00	MG	EET SAV
Total/NA	Analysis	7470A		1			878262	03/07/25 15:14	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877565	02/28/25 21:38	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877383	02/28/25 14:16	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-PAC-EB-8
Lab Sample ID: 680-262298-14
Date Collected: 02/26/25 09:56
Matrix: Water
Date Received: 02/27/25 11:31

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	878140	03/07/25 19:37	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877299	02/28/25 04:52	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877797	03/04/25 14:11	BWR	EET SAV
	Instrument ID: ICPMSD									
Total Recoverable	Prep	3005A			25 mL	125 mL	877299	02/28/25 04:52	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877677	03/03/25 15:34	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	878173	03/07/25 12:30	MG	EET SAV
Total/NA	Analysis	7470A		1			878262	03/07/25 17:48	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877565	02/28/25 23:51	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877383	02/28/25 14:16	PG	EET SAV
	Instrument ID: NOEQUIP									

Laboratory References:
EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Accreditation/Certification Summary

Client: Southern Company
Job ID: 680-262298-1
Project/Site: CCR - Plant Scherer PAC Ash Cell

Laboratory: Eurofins Savannah

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87052	06-30-25
Georgia	State	E87052	06-30-25

Method Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-262298-1

Method	Method Description	Protocol	Laboratory
300.0-1993 R2.1	Anions, Ion Chromatography	MCAWW	EET SAV
6020B	Metals (ICP/MS)	SW846	EET SAV
7470A	Mercury (CVAA)	SW846	EET SAV
2320B-2011	Alkalinity, Total	SM	EET SAV
2540C-2011	Total Dissolved Solids (Dried at 180 °C)	SM	EET SAV
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET SAV
7470A	Preparation, Mercury	SW846	EET SAV

Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Phone (912) 354-7858 Phone (912) 352-0165

Chain of Custody Record

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Client Information	Sampler(s): Mark Mann	Lab PM / Phone: David Fuller / 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: Joju Abraham	Site-Project Manager / Phone: Dawn Prell / 248-536-5445	E-Mail: David.Fuller@et.eurofinsus.com	State of Origin: GA	Page: Page 1 of 2
Company: Southern Company				Job #:
Address: 241 Ralph McGill Blvd SE B10185	Due Date Requested:			
City: Atlanta	TAT Requested (days): 2 weeks			
State, Zip: GA, 30308	Compliance Project: Δ Yes Δ No			
Phone:	Lab Project #: (DO NOT REMOVE) 68027798			
Email: JAbraham@southernco.com	Lab PO #: GPC82130-0006 / PO Line #4			
Project Name: CCR - Plant Scherer PAC Ash Cell	Project #:			
Site:				

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)
Other:

Task_Code: SCH-CCR-ASSMT-2025S1
Special Instructions/Notes:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C - Solids, Total Dissolved (TDS)	6020B - App III, State (15) Metals + Cations (Mg, K, Na)	7470A - Mercury	2320B - Alkalinity, Total, Carb/Bicarb	Total Number of containers
			Preservation Code:				N	N	D	D	N	
SCH-GWC-29	2/26/25	14:13	G	WG	N	N	X	X	X	X	X	4
SCH-GWA-45	2/26/25	10:25	G	WG	N	N	X	X	X	X	X	4
SCH-GWA-46	2/26/25	9:46	G	WG	N	N	X	X	X	X	X	4
SCH-GWA-47	2/26/25	11:01	G	WG	N	N	X	X	X	X	X	4
SCH-GWA-48	2/26/25	12:24	G	WG	N	N	X	X	X	X	X	4
SCH-GWA-49	2/26/25	14:11	G	WG	N	N	X	X	X	X	X	4
SCH-GWC-50	2/26/25	15:27	G	WG	N	N	X	X	X	X	X	4
SCH-GWC-51	2/26/25	12:45	G	WG	N	N	X	X	X	X	X	4
SCH-GWC-52	2/26/25	11:40	G	WG	N	N	X	X	X	X	X	4
SCH-PAC-FB-7	2/26/25	13:00	G	WQ	N	N	X	X	X	X	X	4
SCH-PAC-EB-7	2/26/25	10:45	G	WQ	N	N	X	X	X	X	X	4

680-262298 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
MARK MANN	2/27/25 830	WSP	Wanda Mercer	2/27/25 830	COURIERNOW
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 2/27/25 1131	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 3.4/3.4 2.0/2.0 2.1/2.1 0.9/0.9 4.2/4.2

Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Phone (912) 354-7858 Phone (912) 352-0165

Chain of Custody Record

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Client Information	Sampler(s): Mark Mann	Lab PM / Phone: David Fuller / 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: Joju Abraham	Site-Project Manager / Phone: Dawn Prell / 248-536-5445	E-Mail: David.Fuller@et.eurofinsus.com	State of Origin: GA	Page: Page 2 of 2
Company: Southern Company				Job #:
Address: 241 Ralph McGill Blvd SE B10185	Due Date Requested:			
City: Atlanta	TAT Requested (days): 2 weeks			
State, Zip: GA, 30308	Compliance Project: Δ Yes Δ No			
Phone:	Lab Project #: (DO NOT REMOVE) 68027798			
Email: JAbraham@southernco.com	Lab PO #: GPC82130-0006 / PO Line #4			
Project Name: CCR - Plant Scherer PAC Ash Cell	Project #:			
Site:				

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)
Other:

Task_Code: SCH-CCR-ASSMT-2025S1
Special Instructions/Notes:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C - Solids, Total Dissolved (TDS)	6020B - App III, State (15) Metals + Cations (Mg, K, Na)	7470A - Mercury	2320B - Alkalinity, Total, Carb/Bicarb	Total Number of containers
			Preservation Code:				N	N	D	D	N	
SCH-PAC-FD-8	2/26/25	-	G	WG	N	N	X	X	X	X	X	4
SCH-PAC-FB-8	2/26/25	14:25	G	WQ	N	N	X	X	X	X	X	4
SCH-PAC-EB-8	2/26/25	9:56	G	WQ	N	N	X	X	X	X	X	4

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
MARK MANN /	2/27/25 830	WSP	Yolanda Lucear	2/27/25 830	Courier/now
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 2/27/25 1131	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:
		3.4/3.4 2.0/2.0 2.1/2.1 0.7/0.9 4.2/4.2

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-262298-1

Login Number: 262298
List Number: 1
Creator: Johnson, Corey M

List Source: Eurofins Savannah

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Joju Abraham
Southern Company
241 Ralph McGill Blvd SE
B10185
Atlanta, Georgia 30308

Generated 3/7/2025 5:58:37 PM

JOB DESCRIPTION

CCR - Plant Scherer PAC Ash Cell

JOB NUMBER

680-262251-1

Eurofins Savannah
5102 LaRoche Avenue
Savannah GA 31404

See page two for job notes and contact information.

myEOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization



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3/7/2025 5:58:37 PM

Authorized for release by
David Fuller, Project Manager
David.Fuller@et.eurofinsus.com
(770)344-8986

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.

Metals

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
F5	Duplicate RPD exceeds limit, and one or both sample results are less than 5 times RL, and the absolute difference between results is < the upper reporting limits for both.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Sample Summary

Client: Southern Company
Job ID: 680-262251-1
Project/Site: CCR - Plant Scherer PAC Ash Cell

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-262251-1	SCH-GWA-22	Water	02/25/25 12:35	02/26/25 12:00
680-262251-2	SCH-GWA-21	Water	02/25/25 11:00	02/26/25 12:00
680-262251-3	SCH-GWC-53	Water	02/25/25 15:32	02/26/25 12:00
680-262251-4	SCH-PAC-FD-7	Water	02/25/25 00:00	02/26/25 12:00

Job ID: 680-262251-1 Eurofins Savannah

Job Narrative
680-262251-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Receipt
The samples were received on 2/26/2025 12:00 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 5 coolers at receipt time were 1.9°C, 2.1°C, 3.3°C, 3.4°C and 4.0°C.

HPLC/IC
Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 680-877805 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
Method 2320B: The sample duplicate precision for the following sample associated with analytical batch 680-877284 was outside control limits: (680-262251-C-4 DU). The associated Laboratory Control Sample / Laboratory Control Sample Duplicate (LCS/LCSD) precision met acceptance criteria.

Method 2540C: A lesser volume of sample was used for the following samples due to the nature of the sample matrix resulting in elevated reporting limits: SCH-GWC-53 (680-262251-3) and SCH-PAC-FD-7 (680-262185-4).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client Sample ID: SCH-GWA-22

Lab Sample ID: 680-262251-1

Date Collected: 02/25/25 12:35

Matrix: Water

Date Received: 02/26/25 12:00

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.40	F1	1.0	0.40	mg/L			03/05/25 16:14	1
Fluoride	<0.040	F1	0.10	0.040	mg/L			03/05/25 16:14	1
Chloride	**1.8**	**F1**	1.0	0.20	mg/L			03/05/25 16:14	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/27/25 05:17	02/27/25 18:55	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/27/25 05:17	02/27/25 18:55	1
Barium	**0.024**		0.010	0.00089	mg/L		02/27/25 05:17	02/27/25 18:55	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/27/25 05:17	02/27/25 18:55	1
Boron	<0.022		0.080	0.022	mg/L		02/27/25 05:17	02/27/25 18:55	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/27/25 05:17	02/27/25 18:55	1
Calcium	**11**		0.50	0.14	mg/L		02/27/25 05:17	02/27/25 18:55	1
Chromium	**0.010**		0.0020	0.0012	mg/L		02/27/25 05:17	02/27/25 18:55	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/27/25 05:17	02/27/25 18:55	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/27/25 05:17	02/27/25 18:55	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/27/25 05:17	02/27/25 18:55	1
Magnesium	**5.9**		0.50	0.023	mg/L		02/27/25 05:17	02/27/25 18:55	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/27/25 05:17	02/27/25 18:55	1
Potassium	**0.85**		0.50	0.044	mg/L		02/27/25 05:17	02/27/25 18:55	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/27/25 05:17	02/27/25 18:55	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/27/25 05:17	02/27/25 18:55	1
Sodium	**5.5**		0.50	0.20	mg/L		02/27/25 05:17	02/27/25 18:55	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/27/25 05:17	02/27/25 18:55	1
Vanadium	**0.0080**		0.0020	0.00063	mg/L		02/27/25 05:17	02/27/25 18:55	1
Zinc	**0.0076**		0.0050	0.0028	mg/L		02/27/25 05:17	02/27/25 18:55	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/06/25 12:57	03/07/25 08:10	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**61**		5.0	2.2	mg/L			02/27/25 01:27	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**61**		5.0	2.2	mg/L			02/27/25 01:27	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/27/25 01:27	1
Total Dissolved Solids (SM 2540C-2011)	**98**		10	10	mg/L			02/27/25 20:38	1

Client Sample ID: SCH-GWA-21

Lab Sample ID: 680-262251-2

Date Collected: 02/25/25 11:00

Matrix: Water

Date Received: 02/26/25 12:00

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**2.0**		1.0	0.40	mg/L			03/05/25 16:43	1
Fluoride	<0.040		0.10	0.040	mg/L			03/05/25 16:43	1
Chloride	**3.0**		1.0	0.20	mg/L			03/05/25 16:43	1

Client: Southern Company
Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-262251-1

Client Sample ID: SCH-GWA-21

Lab Sample ID: 680-262251-2

Date Collected: 02/25/25 11:00

Matrix: Water

Date Received: 02/26/25 12:00

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/27/25 05:17	02/27/25 18:47	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/27/25 05:17	02/27/25 18:47	1
Barium	**0.019**		0.010	0.00089	mg/L		02/27/25 05:17	02/27/25 18:47	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/27/25 05:17	02/27/25 18:47	1
Boron	<0.022		0.080	0.022	mg/L		02/27/25 05:17	02/27/25 18:47	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/27/25 05:17	02/27/25 18:47	1
Calcium	**5.8**		0.50	0.14	mg/L		02/27/25 05:17	02/27/25 18:47	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/27/25 05:17	02/27/25 18:47	1
Cobalt	**0.00023**	**J**	0.0025	0.00022	mg/L		02/27/25 05:17	02/27/25 18:47	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/27/25 05:17	02/27/25 18:47	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/27/25 05:17	02/27/25 18:47	1
Magnesium	**4.0**		0.50	0.023	mg/L		02/27/25 05:17	02/27/25 18:47	1
Nickel	**0.00099**	**J**	0.0010	0.00042	mg/L		02/27/25 05:17	02/27/25 18:47	1
Potassium	**0.47**	**J**	0.50	0.044	mg/L		02/27/25 05:17	02/27/25 18:47	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/27/25 05:17	02/27/25 18:47	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/27/25 05:17	02/27/25 18:47	1
Sodium	**7.7**		0.50	0.20	mg/L		02/27/25 05:17	02/27/25 18:47	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/27/25 05:17	02/27/25 18:47	1
Vanadium	**0.0014**	**J**	0.0020	0.00063	mg/L		02/27/25 05:17	02/27/25 18:47	1
Zinc	**0.0028**	**J**	0.0050	0.0028	mg/L		02/27/25 05:17	02/27/25 18:47	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/06/25 12:57	03/07/25 08:15	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**40**		5.0	2.2	mg/L			02/27/25 01:35	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**40**		5.0	2.2	mg/L			02/27/25 01:35	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/27/25 01:35	1
Total Dissolved Solids (SM 2540C-2011)	**90**		10	10	mg/L			02/27/25 20:38	1

Client Sample ID: SCH-GWC-53

Lab Sample ID: 680-262251-3

Date Collected: 02/25/25 15:32

Matrix: Water

Date Received: 02/26/25 12:00

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**190**		10	4.0	mg/L			03/05/25 16:53	10
Fluoride	<0.40		1.0	0.40	mg/L			03/05/25 16:53	10
Chloride	**14**		10	2.0	mg/L			03/05/25 16:53	10

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/27/25 05:17	02/27/25 18:45	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/27/25 05:17	02/27/25 18:45	1
Barium	**0.032**		0.010	0.00089	mg/L		02/27/25 05:17	02/27/25 18:45	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/27/25 05:17	02/27/25 18:45	1

Client: Southern Company
Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-262251-1

Client Sample ID: SCH-GWC-53

Lab Sample ID: 680-262251-3

Date Collected: 02/25/25 15:32

Matrix: Water

Date Received: 02/26/25 12:00

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**1.1**		0.080	0.022	mg/L		02/27/25 05:17	02/27/25 18:45	1
Cadmium	**0.000090**	**J**	0.0025	0.000078	mg/L		02/27/25 05:17	02/27/25 18:45	1
Calcium	**20**		0.50	0.14	mg/L		02/27/25 05:17	02/27/25 18:45	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/27/25 05:17	02/27/25 18:45	1
Cobalt	**0.012**		0.0025	0.00022	mg/L		02/27/25 05:17	02/27/25 18:45	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/27/25 05:17	02/27/25 18:45	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/27/25 05:17	02/27/25 18:45	1
Magnesium	**12**		0.50	0.023	mg/L		02/27/25 05:17	02/27/25 18:45	1
Nickel	**0.0078**		0.0010	0.00042	mg/L		02/27/25 05:17	02/27/25 18:45	1
Potassium	**1.7**		0.50	0.044	mg/L		02/27/25 05:17	02/27/25 18:45	1
Selenium	**0.0011**	**J B**	0.0050	0.00099	mg/L		02/27/25 05:17	02/27/25 18:45	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/27/25 05:17	02/27/25 18:45	1
Sodium	**51**		0.50	0.20	mg/L		02/27/25 05:17	02/27/25 18:45	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/27/25 05:17	02/27/25 18:45	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/27/25 05:17	02/27/25 18:45	1
Zinc	**0.018**		0.0050	0.0028	mg/L		02/27/25 05:17	02/27/25 18:45	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/06/25 12:57	03/07/25 08:13	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**8.2**		5.0	2.2	mg/L			02/27/25 03:41	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**8.2**		5.0	2.2	mg/L			02/27/25 03:41	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/27/25 03:41	1
Total Dissolved Solids (SM 2540C-2011)	**310**		40	40	mg/L			02/27/25 20:38	1

Client Sample ID: SCH-PAC-FD-7

Lab Sample ID: 680-262251-4

Date Collected: 02/25/25 00:00

Matrix: Water

Date Received: 02/26/25 12:00

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**170**		5.0	2.0	mg/L			03/05/25 17:03	5
Fluoride	<0.20		0.50	0.20	mg/L			03/05/25 17:03	5
Chloride	**12**		5.0	1.0	mg/L			03/05/25 17:03	5

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/27/25 05:17	02/27/25 21:22	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/27/25 05:17	02/27/25 21:22	1
Barium	**0.034**		0.010	0.00089	mg/L		02/27/25 05:17	02/27/25 21:22	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/27/25 05:17	02/27/25 21:22	1
Boron	**1.2**		0.080	0.022	mg/L		02/27/25 05:17	02/27/25 21:22	1
Cadmium	**0.00010**	**J**	0.0025	0.000078	mg/L		02/27/25 05:17	02/27/25 21:22	1
Calcium	**21**		0.50	0.14	mg/L		02/27/25 05:17	02/27/25 21:22	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/27/25 05:17	02/27/25 21:22	1

Client: Southern Company
Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-262251-1

Client Sample ID: SCH-PAC-FD-7
Date Collected: 02/25/25 00:00
Date Received: 02/26/25 12:00

Lab Sample ID: 680-262251-4
Matrix: Water

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	**0.013**		0.0025	0.00022	mg/L		02/27/25 05:17	02/27/25 21:22	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/27/25 05:17	02/27/25 21:22	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/27/25 05:17	02/27/25 21:22	1
Magnesium	**13**		0.50	0.023	mg/L		02/27/25 05:17	02/27/25 21:22	1
Nickel	**0.0083**		0.0010	0.00042	mg/L		02/27/25 05:17	02/27/25 21:22	1
Potassium	**1.7**		0.50	0.044	mg/L		02/27/25 05:17	02/27/25 21:22	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/27/25 05:17	02/27/25 21:22	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/27/25 05:17	02/27/25 21:22	1
Sodium	**55**		0.50	0.20	mg/L		02/27/25 05:17	02/27/25 21:22	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/27/25 05:17	02/27/25 21:22	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/27/25 05:17	02/27/25 21:22	1
Zinc	**0.018**		0.0050	0.0028	mg/L		02/27/25 05:17	02/27/25 21:22	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/06/25 12:57	03/07/25 08:08	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**12**		5.0	2.2	mg/L			02/27/25 03:27	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**12**		5.0	2.2	mg/L			02/27/25 03:27	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/27/25 03:27	1
Total Dissolved Solids (SM 2540C-2011)	**280**		40	40	mg/L			02/27/25 20:38	1

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography

Lab Sample ID: MB 680-877805/2
Matrix: Water
Analysis Batch: 877805

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.40		1.0	0.40	mg/L			03/05/25 10:00	1
Fluoride	<0.040		0.10	0.040	mg/L			03/05/25 10:00	1
Chloride	<0.20		1.0	0.20	mg/L			03/05/25 10:00	1

Lab Sample ID: LCS 680-877805/3
Matrix: Water
Analysis Batch: 877805

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfate			10.0	10.5		mg/L		105	90 - 110		
Fluoride			2.00	1.96		mg/L		98	90 - 110		
Chloride			10.0	9.98		mg/L		100	90 - 110		

Lab Sample ID: LCSD 680-877805/4
Matrix: Water
Analysis Batch: 877805

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate			10.0	10.5		mg/L		105	90 - 110	0	15
Fluoride			2.00	1.96		mg/L		98	90 - 110	0	15
Chloride			10.0	10.0		mg/L		100	90 - 110	0	15

Lab Sample ID: 680-262251-1 MS
Matrix: Water
Analysis Batch: 877805

Client Sample ID: SCH-GWA-22
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfate	<0.40	F1	10.0	3.37	F1	mg/L		34	80 - 120		
Fluoride	<0.040	F1	2.00	0.774	F1	mg/L		39	80 - 120		
Chloride	1.8	F1	10.0	6.01	F1	mg/L		42	80 - 120		

Lab Sample ID: 680-262251-1 MSD
Matrix: Water
Analysis Batch: 877805

Client Sample ID: SCH-GWA-22
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	<0.40	F1	10.0	3.18	F1	mg/L		32	80 - 120	6	15
Fluoride	<0.040	F1	2.00	0.753	F1	mg/L		38	80 - 120	3	15
Chloride	1.8	F1	10.0	5.91	F1	mg/L		41	80 - 120	2	15

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 680-877177/1-A
Matrix: Water
Analysis Batch: 878157

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 877177

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/27/25 05:17	02/27/25 18:24	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/27/25 05:17	02/27/25 18:24	1
Barium	<0.00089		0.010	0.00089	mg/L		02/27/25 05:17	02/27/25 18:24	1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 680-877177/1-A
Matrix: Water
Analysis Batch: 878157

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 877177

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/27/25 05:17	02/27/25 18:24	1
Boron	<0.022		0.080	0.022	mg/L		02/27/25 05:17	02/27/25 18:24	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/27/25 05:17	02/27/25 18:24	1
Calcium	<0.14		0.50	0.14	mg/L		02/27/25 05:17	02/27/25 18:24	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/27/25 05:17	02/27/25 18:24	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/27/25 05:17	02/27/25 18:24	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/27/25 05:17	02/27/25 18:24	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/27/25 05:17	02/27/25 18:24	1
Magnesium	<0.023		0.50	0.023	mg/L		02/27/25 05:17	02/27/25 18:24	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/27/25 05:17	02/27/25 18:24	1
Potassium	<0.044		0.50	0.044	mg/L		02/27/25 05:17	02/27/25 18:24	1
Selenium	0.00140	J	0.0050	0.00099	mg/L		02/27/25 05:17	02/27/25 18:24	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/27/25 05:17	02/27/25 18:24	1
Sodium	<0.20		0.50	0.20	mg/L		02/27/25 05:17	02/27/25 18:24	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/27/25 05:17	02/27/25 18:24	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/27/25 05:17	02/27/25 18:24	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/27/25 05:17	02/27/25 18:24	1

Lab Sample ID: LCS 680-877177/2-A
Matrix: Water
Analysis Batch: 878157

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 877177

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.0500	0.0497		mg/L		99	80 - 120
Arsenic	0.100	0.103		mg/L		103	80 - 120
Barium	0.100	0.104		mg/L		104	80 - 120
Beryllium	0.0500	0.0507		mg/L		101	80 - 120
Boron	0.400	0.387		mg/L		97	80 - 120
Cadmium	0.0500	0.0528		mg/L		106	80 - 120
Calcium	5.00	5.07		mg/L		101	80 - 120
Chromium	0.100	0.104		mg/L		104	80 - 120
Cobalt	0.0500	0.0544		mg/L		109	80 - 120
Copper	0.101	0.108		mg/L		107	80 - 120
Lead	0.500	0.523		mg/L		105	80 - 120
Magnesium	5.00	4.81		mg/L		96	80 - 120
Nickel	0.100	0.105		mg/L		105	80 - 120
Potassium	7.00	7.51		mg/L		107	80 - 120
Selenium	0.100	0.104		mg/L		104	80 - 120
Silver	0.0500	0.0525		mg/L		105	80 - 120
Sodium	5.00	4.99		mg/L		100	80 - 120
Thallium	0.0500	0.0515		mg/L		103	80 - 120
Vanadium	0.100	0.103		mg/L		103	80 - 120
Zinc	0.100	0.108		mg/L		108	80 - 120

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 680-262261-E-7-B MS
Matrix: Water
Analysis Batch: 878157

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 877177

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.00034		0.0500	0.0515		mg/L		103	75 - 125
Arsenic	<0.00086		0.100	0.104		mg/L		104	75 - 125
Barium	0.014		0.100	0.118		mg/L		104	75 - 125
Beryllium	<0.00020		0.0500	0.0543		mg/L		109	75 - 125
Boron	<0.022		0.400	0.424		mg/L		106	75 - 125
Cadmium	<0.000078		0.0500	0.0534		mg/L		107	75 - 125
Calcium	17		5.00	21.3		mg/L		95	75 - 125
Chromium	0.0025		0.100	0.109		mg/L		106	75 - 125
Cobalt	<0.00022		0.0500	0.0546		mg/L		109	75 - 125
Copper	<0.0011		0.101	0.108		mg/L		107	75 - 125
Lead	<0.00021		0.500	0.522		mg/L		104	75 - 125
Magnesium	8.3		5.00	12.6		mg/L		87	75 - 125
Nickel	<0.00042		0.100	0.106		mg/L		106	75 - 125
Potassium	1.1		7.00	8.73		mg/L		109	75 - 125
Selenium	0.0012	J B	0.100	0.105		mg/L		104	75 - 125
Silver	<0.00039	F1	0.0500	0.0632	F1	mg/L		126	75 - 125
Sodium	15		5.00	19.9		mg/L		89	75 - 125
Thallium	<0.00026		0.0500	0.0522		mg/L		104	75 - 125
Vanadium	0.015		0.100	0.120		mg/L		105	75 - 125
Zinc	<0.0028		0.100	0.107		mg/L		107	75 - 125

Lab Sample ID: 680-262261-E-7-C MSD
Matrix: Water
Analysis Batch: 878157

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 877177

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.00034		0.0500	0.0501		mg/L		100	75 - 125	3	20
Arsenic	<0.00086		0.100	0.100		mg/L		100	75 - 125	4	20
Barium	0.014		0.100	0.117		mg/L		103	75 - 125	1	20
Beryllium	<0.00020		0.0500	0.0518		mg/L		104	75 - 125	5	20
Boron	<0.022		0.400	0.407		mg/L		102	75 - 125	4	20
Cadmium	<0.000078		0.0500	0.0528		mg/L		106	75 - 125	1	20
Calcium	17		5.00	20.8		mg/L		84	75 - 125	2	20
Chromium	0.0025		0.100	0.107		mg/L		105	75 - 125	1	20
Cobalt	<0.00022		0.0500	0.0528		mg/L		106	75 - 125	3	20
Copper	<0.0011		0.101	0.105		mg/L		104	75 - 125	3	20
Lead	<0.00021		0.500	0.513		mg/L		103	75 - 125	2	20
Magnesium	8.3		5.00	12.5		mg/L		83	75 - 125	1	20
Nickel	<0.00042		0.100	0.105		mg/L		105	75 - 125	1	20
Potassium	1.1		7.00	8.54		mg/L		107	75 - 125	2	20
Selenium	0.0012	J B	0.100	0.102		mg/L		101	75 - 125	3	20
Silver	<0.00039	F1	0.0500	0.0608		mg/L		122	75 - 125	4	20
Sodium	15		5.00	19.8		mg/L		88	75 - 125	0	20
Thallium	<0.00026		0.0500	0.0516		mg/L		103	75 - 125	1	20
Vanadium	0.015		0.100	0.116		mg/L		101	75 - 125	4	20
Zinc	<0.0028		0.100	0.103		mg/L		103	75 - 125	4	20

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 680-877179/1-A
Matrix: Water
Analysis Batch: 878157

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 877179

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/27/25 05:17	02/27/25 20:48	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/27/25 05:17	02/27/25 20:48	1
Barium	<0.00089		0.010	0.00089	mg/L		02/27/25 05:17	02/27/25 20:48	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/27/25 05:17	02/27/25 20:48	1
Boron	<0.022		0.080	0.022	mg/L		02/27/25 05:17	02/27/25 20:48	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/27/25 05:17	02/27/25 20:48	1
Calcium	<0.14		0.50	0.14	mg/L		02/27/25 05:17	02/27/25 20:48	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/27/25 05:17	02/27/25 20:48	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/27/25 05:17	02/27/25 20:48	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/27/25 05:17	02/27/25 20:48	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/27/25 05:17	02/27/25 20:48	1
Magnesium	<0.023		0.50	0.023	mg/L		02/27/25 05:17	02/27/25 20:48	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/27/25 05:17	02/27/25 20:48	1
Potassium	<0.044		0.50	0.044	mg/L		02/27/25 05:17	02/27/25 20:48	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/27/25 05:17	02/27/25 20:48	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/27/25 05:17	02/27/25 20:48	1
Sodium	<0.20		0.50	0.20	mg/L		02/27/25 05:17	02/27/25 20:48	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/27/25 05:17	02/27/25 20:48	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/27/25 05:17	02/27/25 20:48	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/27/25 05:17	02/27/25 20:48	1

Lab Sample ID: LCS 680-877179/2-A
Matrix: Water
Analysis Batch: 878157

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 877179

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.0500	0.0485		mg/L		97	80 - 120
Arsenic	0.100	0.0975		mg/L		98	80 - 120
Barium	0.100	0.101		mg/L		101	80 - 120
Beryllium	0.0500	0.0528		mg/L		106	80 - 120
Boron	0.400	0.406		mg/L		101	80 - 120
Cadmium	0.0500	0.0519		mg/L		104	80 - 120
Calcium	5.00	4.89		mg/L		98	80 - 120
Chromium	0.100	0.101		mg/L		101	80 - 120
Cobalt	0.0500	0.0514		mg/L		103	80 - 120
Copper	0.101	0.103		mg/L		102	80 - 120
Lead	0.500	0.500		mg/L		100	80 - 120
Magnesium	5.00	4.56		mg/L		91	80 - 120
Nickel	0.100	0.102		mg/L		102	80 - 120
Potassium	7.00	7.22		mg/L		103	80 - 120
Selenium	0.100	0.0996		mg/L		100	80 - 120
Silver	0.0500	0.0529		mg/L		106	80 - 120
Sodium	5.00	4.91		mg/L		98	80 - 120
Thallium	0.0500	0.0488		mg/L		98	80 - 120
Vanadium	0.100	0.0976		mg/L		98	80 - 120
Zinc	0.100	0.102		mg/L		102	80 - 120

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 680-878032/1-A
Matrix: Water
Analysis Batch: 878134

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 878032

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/06/25 12:57	03/06/25 18:19	1

Lab Sample ID: LCS 680-878032/2-A
Matrix: Water
Analysis Batch: 878134

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 878032

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00250	0.00248		mg/L		99	80 - 120

Lab Sample ID: 400-271525-A-1-C MS
Matrix: Water
Analysis Batch: 878134

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 878032

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.000080		0.00100	0.00101		mg/L		101	80 - 120

Lab Sample ID: 400-271525-A-1-D MSD
Matrix: Water
Analysis Batch: 878134

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 878032

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.000080		0.00100	0.00104		mg/L		104	80 - 120	2	20

Method: 2320B-2011 - Alkalinity, Total

Lab Sample ID: MB 680-877284/4
Matrix: Water
Analysis Batch: 877284

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5	<2.2		5.0	2.2	mg/L			02/27/25 00:44	1
Bicarbonate Alkalinity as CaCO3	<2.2		5.0	2.2	mg/L			02/27/25 00:44	1
Carbonate Alkalinity as CaCO3	<2.2		5.0	2.2	mg/L			02/27/25 00:44	1

Lab Sample ID: LCS 680-877284/6
Matrix: Water
Analysis Batch: 877284

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity as CaCO3 to pH 4.5	250	248		mg/L		99	90 - 112

Lab Sample ID: LCSD 680-877284/31
Matrix: Water
Analysis Batch: 877284

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	250	253		mg/L		101	90 - 112	2	30

Method: 2320B-2011 - Alkalinity, Total (Continued)

Lab Sample ID: 680-262251-4 DU
Matrix: Water
Analysis Batch: 877284

Client Sample ID: SCH-PAC-FD-7
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	12			8.39	F5	mg/L				34	30
Bicarbonate Alkalinity as CaCO3	12			8.39	F5	mg/L				34	30
Carbonate Alkalinity as CaCO3	<2.2			<2.2		mg/L				NC	30

Method: 2540C-2011 - Total Dissolved Solids (Dried at 180 °C)

Lab Sample ID: MB 680-877297/1
Matrix: Water
Analysis Batch: 877297

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			02/27/25 20:38	1

Lab Sample ID: LCS 680-877297/2
Matrix: Water
Analysis Batch: 877297

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids			2440	2380		mg/L		98	80 - 120		

Lab Sample ID: LCSD 680-877297/3
Matrix: Water
Analysis Batch: 877297

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids			2440	2390		mg/L		98	80 - 120	0	25

Lab Sample ID: 680-262223-D-14 DU
Matrix: Water
Analysis Batch: 877297

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	480			468		mg/L				3	5

Lab Sample ID: 680-262223-D-16 DU
Matrix: Water
Analysis Batch: 877297

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	490			486		mg/L				0.8	5

HPLC/IC

Analysis Batch: 877805

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262251-1	SCH-GWA-22	Total/NA	Water	300.0-1993 R2.1	
680-262251-2	SCH-GWA-21	Total/NA	Water	300.0-1993 R2.1	
680-262251-3	SCH-GWC-53	Total/NA	Water	300.0-1993 R2.1	
680-262251-4	SCH-PAC-FD-7	Total/NA	Water	300.0-1993 R2.1	
MB 680-877805/2	Method Blank	Total/NA	Water	300.0-1993 R2.1	
LCS 680-877805/3	Lab Control Sample	Total/NA	Water	300.0-1993 R2.1	
LCSD 680-877805/4	Lab Control Sample Dup	Total/NA	Water	300.0-1993 R2.1	
680-262251-1 MS	SCH-GWA-22	Total/NA	Water	300.0-1993 R2.1	
680-262251-1 MSD	SCH-GWA-22	Total/NA	Water	300.0-1993 R2.1	

Metals

Prep Batch: 877177

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262251-1	SCH-GWA-22	Total Recoverable	Water	3005A	
680-262251-2	SCH-GWA-21	Total Recoverable	Water	3005A	
680-262251-3	SCH-GWC-53	Total Recoverable	Water	3005A	
MB 680-877177/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-877177/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
680-262261-E-7-B MS	Matrix Spike	Total Recoverable	Water	3005A	
680-262261-E-7-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Prep Batch: 877179

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262251-4	SCH-PAC-FD-7	Total Recoverable	Water	3005A	
MB 680-877179/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-877179/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Prep Batch: 878032

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262251-1	SCH-GWA-22	Total/NA	Water	7470A	
680-262251-2	SCH-GWA-21	Total/NA	Water	7470A	
680-262251-3	SCH-GWC-53	Total/NA	Water	7470A	
680-262251-4	SCH-PAC-FD-7	Total/NA	Water	7470A	
MB 680-878032/1-A	Method Blank	Total/NA	Water	7470A	
LCS 680-878032/2-A	Lab Control Sample	Total/NA	Water	7470A	
400-271525-A-1-C MS	Matrix Spike	Total/NA	Water	7470A	
400-271525-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Analysis Batch: 878134

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262251-1	SCH-GWA-22	Total/NA	Water	7470A	878032
680-262251-2	SCH-GWA-21	Total/NA	Water	7470A	878032
680-262251-3	SCH-GWC-53	Total/NA	Water	7470A	878032
680-262251-4	SCH-PAC-FD-7	Total/NA	Water	7470A	878032
MB 680-878032/1-A	Method Blank	Total/NA	Water	7470A	878032
LCS 680-878032/2-A	Lab Control Sample	Total/NA	Water	7470A	878032
400-271525-A-1-C MS	Matrix Spike	Total/NA	Water	7470A	878032
400-271525-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	878032

Metals

Analysis Batch: 878157

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262251-1	SCH-GWA-22	Total Recoverable	Water	6020B	877177
680-262251-2	SCH-GWA-21	Total Recoverable	Water	6020B	877177
680-262251-3	SCH-GWC-53	Total Recoverable	Water	6020B	877177
680-262251-4	SCH-PAC-FD-7	Total Recoverable	Water	6020B	877179
MB 680-877177/1-A	Method Blank	Total Recoverable	Water	6020B	877177
MB 680-877179/1-A	Method Blank	Total Recoverable	Water	6020B	877179
LCS 680-877177/2-A	Lab Control Sample	Total Recoverable	Water	6020B	877177
LCS 680-877179/2-A	Lab Control Sample	Total Recoverable	Water	6020B	877179
680-262261-E-7-B MS	Matrix Spike	Total Recoverable	Water	6020B	877177
680-262261-E-7-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020B	877177

General Chemistry

Analysis Batch: 877284

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262251-1	SCH-GWA-22	Total/NA	Water	2320B-2011	
680-262251-2	SCH-GWA-21	Total/NA	Water	2320B-2011	
680-262251-3	SCH-GWC-53	Total/NA	Water	2320B-2011	
680-262251-4	SCH-PAC-FD-7	Total/NA	Water	2320B-2011	
MB 680-877284/4	Method Blank	Total/NA	Water	2320B-2011	
LCS 680-877284/6	Lab Control Sample	Total/NA	Water	2320B-2011	
LCSD 680-877284/31	Lab Control Sample Dup	Total/NA	Water	2320B-2011	
680-262251-4 DU	SCH-PAC-FD-7	Total/NA	Water	2320B-2011	

Analysis Batch: 877297

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262251-1	SCH-GWA-22	Total/NA	Water	2540C-2011	
680-262251-2	SCH-GWA-21	Total/NA	Water	2540C-2011	
680-262251-3	SCH-GWC-53	Total/NA	Water	2540C-2011	
680-262251-4	SCH-PAC-FD-7	Total/NA	Water	2540C-2011	
MB 680-877297/1	Method Blank	Total/NA	Water	2540C-2011	
LCS 680-877297/2	Lab Control Sample	Total/NA	Water	2540C-2011	
LCSD 680-877297/3	Lab Control Sample Dup	Total/NA	Water	2540C-2011	
680-262223-D-14 DU	Duplicate	Total/NA	Water	2540C-2011	
680-262223-D-16 DU	Duplicate	Total/NA	Water	2540C-2011	

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-262251-1

Client Sample ID: SCH-GWA-22

Lab Sample ID: 680-262251-1

Date Collected: 02/25/25 12:35
Matrix: Water
Date Received: 02/26/25 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	877805	03/05/25 16:14	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877177	02/27/25 05:17	RR	EET SAV
Total Recoverable	Analysis	6020B		1			878157	02/27/25 18:55	BCB	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	878032	03/06/25 12:57	MG	EET SAV
Total/NA	Analysis	7470A		1			878134	03/07/25 08:10	BCB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877284	02/27/25 01:27	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877297	02/27/25 20:38	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-GWA-21

Lab Sample ID: 680-262251-2

Date Collected: 02/25/25 11:00
Matrix: Water
Date Received: 02/26/25 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	877805	03/05/25 16:43	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877177	02/27/25 05:17	RR	EET SAV
Total Recoverable	Analysis	6020B		1			878157	02/27/25 18:47	BCB	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	878032	03/06/25 12:57	MG	EET SAV
Total/NA	Analysis	7470A		1			878134	03/07/25 08:15	BCB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877284	02/27/25 01:35	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877297	02/27/25 20:38	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-GWC-53

Lab Sample ID: 680-262251-3

Date Collected: 02/25/25 15:32
Matrix: Water
Date Received: 02/26/25 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		10	5 mL	5 mL	877805	03/05/25 16:53	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877177	02/27/25 05:17	RR	EET SAV
Total Recoverable	Analysis	6020B		1			878157	02/27/25 18:45	BCB	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	878032	03/06/25 12:57	MG	EET SAV
Total/NA	Analysis	7470A		1			878134	03/07/25 08:13	BCB	EET SAV
	Instrument ID: QuickTrace3									

Lab Chronicle

Client: Southern Company
Job ID: 680-262251-1
Project/Site: CCR - Plant Scherer PAC Ash Cell

Client Sample ID: SCH-GWC-53
Lab Sample ID: 680-262251-3
Date Collected: 02/25/25 15:32
Matrix: Water
Date Received: 02/26/25 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2320B-2011		1			877284	02/27/25 03:41	PG	EET SAV
Total/NA	Analysis	2540C-2011		1	50 mL	200 mL	877297	02/27/25 20:38	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-PAC-FD-7
Lab Sample ID: 680-262251-4
Date Collected: 02/25/25 00:00
Matrix: Water
Date Received: 02/26/25 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		5	5 mL	5 mL	877805	03/05/25 17:03	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877179	02/27/25 05:17	RR	EET SAV
Total Recoverable	Analysis	6020B		1			878157	02/27/25 21:22	BCB	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	878032	03/06/25 12:57	MG	EET SAV
Total/NA	Analysis	7470A		1			878134	03/07/25 08:08	BCB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877284	02/27/25 03:27	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	50 mL	200 mL	877297	02/27/25 20:38	PG	EET SAV
	Instrument ID: NOEQUIP									

Laboratory References:

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Accreditation/Certification Summary

Client: Southern Company
Job ID: 680-262251-1
Project/Site: CCR - Plant Scherer PAC Ash Cell

Laboratory: Eurofins Savannah

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87052	06-30-25
Georgia	State	E87052	06-30-25

Method Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer PAC Ash Cell

Job ID: 680-262251-1

Method	Method Description	Protocol	Laboratory
300.0-1993 R2.1	Anions, Ion Chromatography	MCAWW	EET SAV
6020B	Metals (ICP/MS)	SW846	EET SAV
7470A	Mercury (CVAA)	SW846	EET SAV
2320B-2011	Alkalinity, Total	SM	EET SAV
2540C-2011	Total Dissolved Solids (Dried at 180 °C)	SM	EET SAV
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET SAV
7470A	Preparation, Mercury	SW846	EET SAV

Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Phone (912) 354-7858 Phone (912) 352-0165

Chain of Custody Record

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Client Information	Sampler(s): Mark Mann	Lab PM / Phone: David Fuller / 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: Joju Abraham	Site-Project Manager / Phone: Dawn Prell / 248-536-5445	E-Mail: David.Fuller@et.eurofinsus.com	State of Origin: GA	Page: Page 1 of 1
Company: Southern Company				Job #:
Address: 241 Ralph McGill Blvd SE B10185	Due Date Requested:			
City: Atlanta	TAT Requested (days): 2 weeks			
State, Zip: GA, 30308	Compliance Project: Δ Yes Δ No			
Phone:	Lab Project #: (DO NOT REMOVE) 68027798			
Email: JAbraham@southernco.com	Lab PO #: GPC82130-0006 / PO Line #4			
Project Name: CCR - Plant Scherer PAC Ash Cell	Project #:			
Site:				

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)
Other:

Task_Code: SCH-CCR-ASSMT-2025S1

Special Instructions/Notes:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C - Solids, Total Dissolved (TDS)	6020B - App III, State (15) Metals + Cations (Mg, K, Na)	7470A - Mercury	2320B - Alkalinity, Total, Carb/Bicarb	Total Number of containers
			Preservation Code:				N	N	D	D	N	
SCH-GWA-22	2/25/25	12:35	G	WG	N	N	X	X	X	X	X	4
SCH-GWA-21	2/25/25	11:00	G	WG	N	N	X	X	X	X	X	4
SCH-GWC-53	2/25/25	15:32	G	WG	N	N	X	X	X	X	X	4
SCH-PAC-FD-7	2/25/25	-	G	WG	N	N	X	X	X	X	X	4

680-262251 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
MARK MANN	2/26/25 840	WSP	Yolanda Jurnear	2/26/25 840	COURIER
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 2/26/25 1200	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 2.1/2.1 3.4/3.4 3.3/3.3 1.9/1.9 4.0/4.0

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-262251-1

Login Number: 262251

List Source: Eurofins Savannah

List Number: 1

Creator: Johnson, Corey M

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Joju Abraham
Southern Company
241 Ralph McGill Blvd SE
B10185
Atlanta, Georgia 30308

Generated 3/31/2025 2:12:24 PM

JOB DESCRIPTION

CCR - Plant Scherer Cell 3

JOB NUMBER

680-262300-2

Eurofins Savannah
5102 LaRoche Avenue
Savannah GA 31404

See page two for job notes and contact information.

my EOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization



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3/31/2025 2:12:24 PM

Authorized for release by
David Fuller, Project Manager
David.Fuller@et.eurofinsus.com
(770)344-8986

Definitions/Glossary

Client: Southern Company
Job ID: 680-262300-2
Project/Site: CCR - Plant Scherer Cell 3

Qualifiers

Rad

Qualifier	Qualifier Description
U	Result is less than the sample detection limit.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Sample Summary

Client: Southern Company
Job ID: 680-262300-2
Project/Site: CCR - Plant Scherer Cell 3

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-262300-1	SCH-GWC-30	Water	02/26/25 12:15	02/27/25 11:31
680-262300-2	SCH-GWC-36	Water	02/26/25 09:33	02/27/25 11:31
680-262300-3	SCH-GWA-41	Water	02/26/25 13:50	02/27/25 11:31
680-262300-4	SCH-GWA-42	Water	02/26/25 14:45	02/27/25 11:31
680-262300-5	SCH-GWA-43	Water	02/26/25 13:00	02/27/25 11:31
680-262300-6	SCH-GWA-44A	Water	02/26/25 10:44	02/27/25 11:31
680-262300-7	SCH-GWA-54	Water	02/26/25 12:00	02/27/25 11:31
680-262300-8	SCH-CELL3-EB-9	Water	02/26/25 09:40	02/27/25 11:31
680-262300-9	SCH-CELL3-FB-9	Water	02/26/25 10:30	02/27/25 11:31
680-262300-10	SCH-CELL3-EB-10	Water	02/26/25 13:23	02/27/25 11:31
680-262300-11	SCH-CELL3-FB-10	Water	02/26/25 09:25	02/27/25 11:31

Job ID: 680-262300-2 — Eurofins Savannah

Job Narrative
680-262300-2

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Receipt
The samples were received on 2/27/2025 11:31 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 5 coolers at receipt time were 0.9°C, 2.0°C, 2.1°C, 3.4°C and 4.2°C.

Gas Flow Proportional Counter
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Rad
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client Sample ID: SCH-GWC-30

Lab Sample ID: 680-262300-1

Date Collected: 02/26/25 12:15

Matrix: Water

Date Received: 02/27/25 11:31

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0178	U	0.0630	0.0630	1.00	0.120	pCi/L	03/03/25 07:29	03/30/25 09:16	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*96.3*		*30 - 110*	*03/03/25 07:29*	*03/30/25 09:16*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.270	U	0.323	0.324	1.00	0.534	pCi/L	03/03/25 07:31	03/24/25 12:09	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*96.3*		*30 - 110*	*03/03/25 07:31*	*03/24/25 12:09*	*1*
Y Carrier	*84.5*		*30 - 110*	*03/03/25 07:31*	*03/24/25 12:09*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.287	U	0.329	0.330	5.00	0.534	pCi/L		03/31/25 09:41	1

Client Sample ID: SCH-GWC-36

Lab Sample ID: 680-262300-2

Date Collected: 02/26/25 09:33

Matrix: Water

Date Received: 02/27/25 11:31

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0829	U	0.0815	0.0819	1.00	0.127	pCi/L	03/03/25 07:29	03/30/25 09:16	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.3*		*30 - 110*	*03/03/25 07:29*	*03/30/25 09:16*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.216	U	0.303	0.303	1.00	0.508	pCi/L	03/03/25 07:31	03/24/25 12:09	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.3*		*30 - 110*	*03/03/25 07:31*	*03/24/25 12:09*	*1*
Y Carrier	*88.2*		*30 - 110*	*03/03/25 07:31*	*03/24/25 12:09*	*1*

Client Sample ID: SCH-GWC-36

Lab Sample ID: 680-262300-2

Date Collected: 02/26/25 09:33

Matrix: Water

Date Received: 02/27/25 11:31

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.299	U	0.314	0.314	5.00	0.508	pCi/L		03/31/25 09:41	1

Client Sample ID: SCH-GWA-41

Lab Sample ID: 680-262300-3

Date Collected: 02/26/25 13:50

Matrix: Water

Date Received: 02/27/25 11:31

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.00171	U	0.0537	0.0537	1.00	0.113	pCi/L	03/03/25 07:29	03/30/25 10:14	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.0*		*30 - 110*	*03/03/25 07:29*	*03/30/25 10:14*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.364	U	0.403	0.405	1.00	0.660	pCi/L	03/03/25 07:31	03/24/25 12:09	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.0*		*30 - 110*	*03/03/25 07:31*	*03/24/25 12:09*	*1*
Y Carrier	*74.4*		*30 - 110*	*03/03/25 07:31*	*03/24/25 12:09*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.366	U	0.407	0.409	5.00	0.660	pCi/L		03/31/25 09:41	1

Client Sample ID: SCH-GWA-42

Lab Sample ID: 680-262300-4

Date Collected: 02/26/25 14:45

Matrix: Water

Date Received: 02/27/25 11:31

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0470	U	0.0647	0.0649	1.00	0.109	pCi/L	03/03/25 07:29	03/30/25 10:14	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*94.5*		*30 - 110*	*03/03/25 07:29*	*03/30/25 10:14*	*1*

Client Sample ID: SCH-GWA-42

Lab Sample ID: 680-262300-4

Date Collected: 02/26/25 14:45

Matrix: Water

Date Received: 02/27/25 11:31

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.662		0.342	0.347	1.00	0.478	pCi/L	03/03/25 07:31	03/24/25 12:09	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*94.5*		*30 - 110*	*03/03/25 07:31*	*03/24/25 12:09*	*1*
Y Carrier	*90.1*		*30 - 110*	*03/03/25 07:31*	*03/24/25 12:09*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.709		0.348	0.353	5.00	0.478	pCi/L		03/31/25 09:41	1

Client Sample ID: SCH-GWA-43

Lab Sample ID: 680-262300-5

Date Collected: 02/26/25 13:00

Matrix: Water

Date Received: 02/27/25 11:31

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.00421	U	0.0661	0.0661	1.00	0.136	pCi/L	03/03/25 07:29	03/30/25 10:14	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.5*		*30 - 110*	*03/03/25 07:29*	*03/30/25 10:14*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.524	U	0.358	0.361	1.00	0.529	pCi/L	03/03/25 07:31	03/24/25 12:09	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.5*		*30 - 110*	*03/03/25 07:31*	*03/24/25 12:09*	*1*
Y Carrier	*80.0*		*30 - 110*	*03/03/25 07:31*	*03/24/25 12:09*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.520	U	0.364	0.367	5.00	0.529	pCi/L		03/31/25 09:41	1

Client Sample ID: SCH-GWA-44A

Lab Sample ID: 680-262300-6

Date Collected: 02/26/25 10:44

Matrix: Water

Date Received: 02/27/25 11:31

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0582	U	0.0770	0.0772	1.00	0.129	pCi/L	03/03/25 07:33	03/28/25 10:30	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.6*		*30 - 110*	*03/03/25 07:33*	*03/28/25 10:30*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.189	U	0.328	0.329	1.00	0.661	pCi/L	03/03/25 07:37	03/21/25 12:37	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.6*		*30 - 110*	*03/03/25 07:37*	*03/21/25 12:37*	*1*
Y Carrier	*80.7*		*30 - 110*	*03/03/25 07:37*	*03/21/25 12:37*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	-0.130	U	0.337	0.338	5.00	0.661	pCi/L		03/31/25 09:41	1

Client Sample ID: SCH-GWA-54

Lab Sample ID: 680-262300-7

Date Collected: 02/26/25 12:00

Matrix: Water

Date Received: 02/27/25 11:31

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.106	U	0.103	0.104	1.00	0.164	pCi/L	03/03/25 07:33	03/28/25 10:30	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.8*		*30 - 110*	*03/03/25 07:33*	*03/28/25 10:30*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.317	U	0.383	0.384	1.00	0.632	pCi/L	03/03/25 07:37	03/21/25 12:38	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.8*		*30 - 110*	*03/03/25 07:37*	*03/21/25 12:38*	*1*
Y Carrier	*83.4*		*30 - 110*	*03/03/25 07:37*	*03/21/25 12:38*	*1*

Client Sample ID: SCH-GWA-54

Lab Sample ID: 680-262300-7

Date Collected: 02/26/25 12:00

Matrix: Water

Date Received: 02/27/25 11:31

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.423	U	0.397	0.398	5.00	0.632	pCi/L		03/31/25 09:41	1

Client Sample ID: SCH-CELL3-EB-9

Lab Sample ID: 680-262300-8

Date Collected: 02/26/25 09:40

Matrix: Water

Date Received: 02/27/25 11:31

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.00321	U	0.0607	0.0607	1.00	0.123	pCi/L	03/03/25 07:33	03/28/25 10:21	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*86.9*		*30 - 110*	*03/03/25 07:33*	*03/28/25 10:21*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.284	U	0.356	0.357	1.00	0.591	pCi/L	03/03/25 07:37	03/21/25 12:38	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*86.9*		*30 - 110*	*03/03/25 07:37*	*03/21/25 12:38*	*1*
Y Carrier	*75.9*		*30 - 110*	*03/03/25 07:37*	*03/21/25 12:38*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.287	U	0.361	0.362	5.00	0.591	pCi/L		03/31/25 09:41	1

Client Sample ID: SCH-CELL3-FB-9

Lab Sample ID: 680-262300-9

Date Collected: 02/26/25 10:30

Matrix: Water

Date Received: 02/27/25 11:31

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0147	U	0.0375	0.0376	1.00	0.0747	pCi/L	03/03/25 07:33	03/28/25 10:21	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.7*		*30 - 110*	*03/03/25 07:33*	*03/28/25 10:21*	*1*

Client Sample ID: SCH-CELL3-FB-9

Lab Sample ID: 680-262300-9

Date Collected: 02/26/25 10:30

Matrix: Water

Date Received: 02/27/25 11:31

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.175	U	0.350	0.350	1.00	0.606	pCi/L	03/03/25 07:37	03/21/25 12:38	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.7*		*30 - 110*	*03/03/25 07:37*	*03/21/25 12:38*	*1*
Y Carrier	*82.2*		*30 - 110*	*03/03/25 07:37*	*03/21/25 12:38*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.190	U	0.352	0.352	5.00	0.606	pCi/L		03/31/25 09:41	1

Client Sample ID: SCH-CELL3-EB-10

Lab Sample ID: 680-262300-10

Date Collected: 02/26/25 13:23

Matrix: Water

Date Received: 02/27/25 11:31

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.0626	U	0.0365	0.0370	1.00	0.119	pCi/L	03/03/25 07:33	03/28/25 10:21	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.6*		*30 - 110*	*03/03/25 07:33*	*03/28/25 10:21*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.291	U	0.334	0.335	1.00	0.547	pCi/L	03/03/25 07:37	03/21/25 12:38	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.6*		*30 - 110*	*03/03/25 07:37*	*03/21/25 12:38*	*1*
Y Carrier	*82.6*		*30 - 110*	*03/03/25 07:37*	*03/21/25 12:38*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.229	U	0.336	0.337	5.00	0.547	pCi/L		03/31/25 09:41	1

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-262300-2

Client Sample ID: SCH-CELL3-FB-10

Date Collected: 02/26/25 09:25
Date Received: 02/27/25 11:31

Lab Sample ID: 680-262300-11

Matrix: Water

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0326	U	0.0757	0.0758	1.00	0.137	pCi/L	03/03/25 07:33	03/28/25 10:21	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.8*		*30 - 110*	*03/03/25 07:33*	*03/28/25 10:21*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.0892	U	0.315	0.315	1.00	0.569	pCi/L	03/03/25 07:37	03/21/25 12:38	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.8*		*30 - 110*	*03/03/25 07:37*	*03/21/25 12:38*	*1*
Y Carrier	*81.9*		*30 - 110*	*03/03/25 07:37*	*03/21/25 12:38*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.122	U	0.324	0.324	5.00	0.569	pCi/L		03/31/25 09:41	1

Tracer/Carrier Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-262300-2

Method: 9315 - Radium-226 (GFPC)

Matrix: Water | **Prep Type: Total/NA**

		Percent Yield (Acceptance Limits)
		Ba
Lab Sample ID	Client Sample ID	(30-110)
680-262261-A-9-A DU	Duplicate	86.9
680-262300-1	SCH-GWC-30	96.3
680-262300-2	SCH-GWC-36	90.3
680-262300-3	SCH-GWA-41	89.0
680-262300-4	SCH-GWA-42	94.5
680-262300-5	SCH-GWA-43	89.5
680-262300-6	SCH-GWA-44A	84.6
680-262300-7	SCH-GWA-54	84.8
680-262300-8	SCH-CELL3-EB-9	86.9
680-262300-8 DU	SCH-CELL3-EB-9	90.3
680-262300-9	SCH-CELL3-FB-9	87.7
680-262300-10	SCH-CELL3-EB-10	90.6
680-262300-11	SCH-CELL3-FB-10	84.8
LCS 160-705654/2-A	Lab Control Sample	90.6
LCS 160-705657/2-A	Lab Control Sample	81.7
MB 160-705654/1-A	Method Blank	89.3
MB 160-705657/1-A	Method Blank	85.6

Tracer/Carrier Legend

Ba = Ba Carrier

Method: 9320 - Radium-228 (GFPC)

Matrix: Water | **Prep Type: Total/NA**

		Percent Yield (Acceptance Limits)	
		Ba	Y
Lab Sample ID	Client Sample ID	(30-110)	(30-110)
680-262261-A-9-B DU	Duplicate	86.9	79.6
680-262300-1	SCH-GWC-30	96.3	84.5
680-262300-2	SCH-GWC-36	90.3	88.2
680-262300-3	SCH-GWA-41	89.0	74.4
680-262300-4	SCH-GWA-42	94.5	90.1
680-262300-5	SCH-GWA-43	89.5	80.0
680-262300-6	SCH-GWA-44A	84.6	80.7
680-262300-7	SCH-GWA-54	84.8	83.4
680-262300-8	SCH-CELL3-EB-9	86.9	75.9
680-262300-8 DU	SCH-CELL3-EB-9	90.3	85.2
680-262300-9	SCH-CELL3-FB-9	87.7	82.2
680-262300-10	SCH-CELL3-EB-10	90.6	82.6
680-262300-11	SCH-CELL3-FB-10	84.8	81.9
LCS 160-705656/2-A	Lab Control Sample	90.6	84.1
LCS 160-705658/2-A	Lab Control Sample	81.7	83.7
MB 160-705656/1-A	Method Blank	89.3	85.6
MB 160-705658/1-A	Method Blank	85.6	78.1

Tracer/Carrier Legend

Ba = Ba Carrier
Y = Y Carrier

Method: 9315 - Radium-226 (GFPC)

Lab Sample ID: MB 160-705654/1-A
Matrix: Water
Analysis Batch: 709930

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 705654

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.01292	U	0.0864	0.0864	1.00	0.164	pCi/L	03/03/25 07:29	03/30/25 09:09	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.3*		*30 - 110*	*03/03/25 07:29*	*03/30/25 09:09*	*1*

Lab Sample ID: LCS 160-705654/2-A
Matrix: Water
Analysis Batch: 709931

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 705654

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			9.58	8.302		0.922	1.00	0.140	pCi/L	87	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*90.6*		*30 - 110*

Lab Sample ID: 680-262261-A-9-A DU
Matrix: Water
Analysis Batch: 709931

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 705654

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-226	0.112	U		0.05626	U	0.0982	1.00	0.170	pCi/L			0.30	1

Carrier	*DU %Yield*	*DU Qualifier*	*Limits*
Ba Carrier	*86.9*		*30 - 110*

Lab Sample ID: MB 160-705657/1-A
Matrix: Water
Analysis Batch: 709817

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 705657

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.03032	U	0.0619	0.0619	1.00	0.143	pCi/L	03/03/25 07:33	03/28/25 10:30	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*85.6*		*30 - 110*	*03/03/25 07:33*	*03/28/25 10:30*	*1*

Lab Sample ID: LCS 160-705657/2-A
Matrix: Water
Analysis Batch: 709817

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 705657

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			9.58	9.467		1.03	1.00	0.123	pCi/L	99	75 - 125		

Method: 9315 - Radium-226 (GFPC) (Continued)

Lab Sample ID: LCS 160-705657/2-A
Matrix: Water
Analysis Batch: 709817

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 705657

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	81.7		30 - 110

Lab Sample ID: 680-262300-8 DU
Matrix: Water
Analysis Batch: 709819

Client Sample ID: SCH-CELL3-EB-9
Prep Type: Total/NA
Prep Batch: 705657

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-226	0.00321	U		0.05920	U	0.0711	1.00	0.116	pCi/L			0.42	1

Carrier	DU %Yield	DU Qualifier	Limits
Ba Carrier	90.3		30 - 110

Method: 9320 - Radium-228 (GFPC)

Lab Sample ID: MB 160-705656/1-A
Matrix: Water
Analysis Batch: 709069

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 705656

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.3853	U	0.322	0.324	1.00	0.500	pCi/L	03/03/25 07:31	03/24/25 12:02	1

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	89.3		30 - 110	03/03/25 07:31	03/24/25 12:02	1
Y Carrier	85.6		30 - 110	03/03/25 07:31	03/24/25 12:02	1

Lab Sample ID: LCS 160-705656/2-A
Matrix: Water
Analysis Batch: 709069

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 705656

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			7.99	9.055		1.25	1.00	0.498	pCi/L	113	75 - 125		

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	90.6		30 - 110
Y Carrier	84.1		30 - 110

Lab Sample ID: 680-262261-A-9-B DU
Matrix: Water
Analysis Batch: 709096

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 705656

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-228	0.315	U		-0.02906	U	0.322	1.00	0.609	pCi/L			0.53	1

Method: 9320 - Radium-228 (GFPC) (Continued)

Lab Sample ID: 680-262261-A-9-B DU
Matrix: Water
Analysis Batch: 709096

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 705656

Carrier	DU %Yield	DU Qualifier	Limits
Ba Carrier	86.9		30 - 110
Y Carrier	79.6		30 - 110

Lab Sample ID: MB 160-705658/1-A
Matrix: Water
Analysis Batch: 708880

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 705658

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.3382	U	0.406	0.407	1.00	0.669	pCi/L	03/03/25 07:37	03/21/25 12:36	1

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	85.6		30 - 110	03/03/25 07:37	03/21/25 12:36	1
Y Carrier	78.1		30 - 110	03/03/25 07:37	03/21/25 12:36	1

Lab Sample ID: LCS 160-705658/2-A
Matrix: Water
Analysis Batch: 708880

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 705658

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			8.00	8.294		1.23	1.00	0.610	pCi/L	104	75 - 125		

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	81.7		30 - 110
Y Carrier	83.7		30 - 110

Lab Sample ID: 680-262300-8 DU
Matrix: Water
Analysis Batch: 708880

Client Sample ID: SCH-CELL3-EB-9
Prep Type: Total/NA
Prep Batch: 705658

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-228	0.284	U		0.4312	U	0.343	1.00	0.525	pCi/L			0.21	1

Carrier	DU %Yield	DU Qualifier	Limits
Ba Carrier	90.3		30 - 110
Y Carrier	85.2		30 - 110

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Prep Batch: 705654

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262300-1	SCH-GWC-30	Total/NA	Water	PrecSep-21	
680-262300-2	SCH-GWC-36	Total/NA	Water	PrecSep-21	
680-262300-3	SCH-GWA-41	Total/NA	Water	PrecSep-21	
680-262300-4	SCH-GWA-42	Total/NA	Water	PrecSep-21	
680-262300-5	SCH-GWA-43	Total/NA	Water	PrecSep-21	
MB 160-705654/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-705654/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
680-262261-A-9-A DU	Duplicate	Total/NA	Water	PrecSep-21	

Prep Batch: 705656

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262300-1	SCH-GWC-30	Total/NA	Water	PrecSep_0	
680-262300-2	SCH-GWC-36	Total/NA	Water	PrecSep_0	
680-262300-3	SCH-GWA-41	Total/NA	Water	PrecSep_0	
680-262300-4	SCH-GWA-42	Total/NA	Water	PrecSep_0	
680-262300-5	SCH-GWA-43	Total/NA	Water	PrecSep_0	
MB 160-705656/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-705656/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
680-262261-A-9-B DU	Duplicate	Total/NA	Water	PrecSep_0	

Prep Batch: 705657

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262300-6	SCH-GWA-44A	Total/NA	Water	PrecSep-21	
680-262300-7	SCH-GWA-54	Total/NA	Water	PrecSep-21	
680-262300-8	SCH-CELL3-EB-9	Total/NA	Water	PrecSep-21	
680-262300-9	SCH-CELL3-FB-9	Total/NA	Water	PrecSep-21	
680-262300-10	SCH-CELL3-EB-10	Total/NA	Water	PrecSep-21	
680-262300-11	SCH-CELL3-FB-10	Total/NA	Water	PrecSep-21	
MB 160-705657/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-705657/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
680-262300-8 DU	SCH-CELL3-EB-9	Total/NA	Water	PrecSep-21	

Prep Batch: 705658

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262300-6	SCH-GWA-44A	Total/NA	Water	PrecSep_0	
680-262300-7	SCH-GWA-54	Total/NA	Water	PrecSep_0	
680-262300-8	SCH-CELL3-EB-9	Total/NA	Water	PrecSep_0	
680-262300-9	SCH-CELL3-FB-9	Total/NA	Water	PrecSep_0	
680-262300-10	SCH-CELL3-EB-10	Total/NA	Water	PrecSep_0	
680-262300-11	SCH-CELL3-FB-10	Total/NA	Water	PrecSep_0	
MB 160-705658/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-705658/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
680-262300-8 DU	SCH-CELL3-EB-9	Total/NA	Water	PrecSep_0	

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-262300-2

Client Sample ID: SCH-GWC-30

Lab Sample ID: 680-262300-1

Date Collected: 02/26/25 12:15

Matrix: Water

Date Received: 02/27/25 11:31

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1005.19 mL	1.0 g	705654	03/03/25 07:29	OGC	EET SL
Total/NA	Analysis	9315		1			709932	03/30/25 09:16	SWS	EET SL
	Instrument ID: GFPCPURPLE									
Total/NA	Prep	PrecSep_0			1005.19 mL	1.0 g	705656	03/03/25 07:31	OGC	EET SL
Total/NA	Analysis	9320		1			709097	03/24/25 12:09	CMM	EET SL
	Instrument ID: GFPCPURPLE									
Total/NA	Analysis	Ra226_Ra228		1			710056	03/31/25 09:41	FLC	EET SL
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-GWC-36

Lab Sample ID: 680-262300-2

Date Collected: 02/26/25 09:33

Matrix: Water

Date Received: 02/27/25 11:31

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1002.64 mL	1.0 g	705654	03/03/25 07:29	OGC	EET SL
Total/NA	Analysis	9315		1			709932	03/30/25 09:16	SWS	EET SL
	Instrument ID: GFPCPURPLE									
Total/NA	Prep	PrecSep_0			1002.64 mL	1.0 g	705656	03/03/25 07:31	OGC	EET SL
Total/NA	Analysis	9320		1			709097	03/24/25 12:09	CMM	EET SL
	Instrument ID: GFPCPURPLE									
Total/NA	Analysis	Ra226_Ra228		1			710056	03/31/25 09:41	FLC	EET SL
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-GWA-41

Lab Sample ID: 680-262300-3

Date Collected: 02/26/25 13:50

Matrix: Water

Date Received: 02/27/25 11:31

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1001.53 mL	1.0 g	705654	03/03/25 07:29	OGC	EET SL
Total/NA	Analysis	9315		1			709930	03/30/25 10:14	SWS	EET SL
	Instrument ID: GFPCRED									
Total/NA	Prep	PrecSep_0			1001.53 mL	1.0 g	705656	03/03/25 07:31	OGC	EET SL
Total/NA	Analysis	9320		1			709097	03/24/25 12:09	CMM	EET SL
	Instrument ID: GFPCPURPLE									
Total/NA	Analysis	Ra226_Ra228		1			710056	03/31/25 09:41	FLC	EET SL
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-GWA-42

Lab Sample ID: 680-262300-4

Date Collected: 02/26/25 14:45

Matrix: Water

Date Received: 02/27/25 11:31

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1004.77 mL	1.0 g	705654	03/03/25 07:29	OGC	EET SL
Total/NA	Analysis	9315		1			709930	03/30/25 10:14	SWS	EET SL
	Instrument ID: GFPCRED									

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-262300-2

Client Sample ID: SCH-GWA-42

Lab Sample ID: 680-262300-4

Date Collected: 02/26/25 14:45

Matrix: Water

Date Received: 02/27/25 11:31

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep_0			1004.77 mL	1.0 g	705656	03/03/25 07:31	OGC	EET SL
Total/NA	Analysis	9320		1			709097	03/24/25 12:09	CMM	EET SL
	Instrument ID: GFPCPURPLE									
Total/NA	Analysis	Ra226_Ra228		1			710056	03/31/25 09:41	FLC	EET SL
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-GWA-43

Lab Sample ID: 680-262300-5

Date Collected: 02/26/25 13:00

Matrix: Water

Date Received: 02/27/25 11:31

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1003.02 mL	1.0 g	705654	03/03/25 07:29	OGC	EET SL
Total/NA	Analysis	9315		1			709930	03/30/25 10:14	SWS	EET SL
	Instrument ID: GFPCRED									
Total/NA	Prep	PrecSep_0			1003.02 mL	1.0 g	705656	03/03/25 07:31	OGC	EET SL
Total/NA	Analysis	9320		1			709097	03/24/25 12:09	CMM	EET SL
	Instrument ID: GFPCPURPLE									
Total/NA	Analysis	Ra226_Ra228		1			710056	03/31/25 09:41	FLC	EET SL
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-GWA-44A

Lab Sample ID: 680-262300-6

Date Collected: 02/26/25 10:44

Matrix: Water

Date Received: 02/27/25 11:31

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1000.12 mL	1.0 g	705657	03/03/25 07:33	OGC	EET SL
Total/NA	Analysis	9315		1			709817	03/28/25 10:30	FLC	EET SL
	Instrument ID: GFPCBLUE									
Total/NA	Prep	PrecSep_0			1000.12 mL	1.0 g	705658	03/03/25 07:37	OGC	EET SL
Total/NA	Analysis	9320		1			708880	03/21/25 12:37	FLC	EET SL
	Instrument ID: GFPCPURPLE									
Total/NA	Analysis	Ra226_Ra228		1			710056	03/31/25 09:41	FLC	EET SL
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-GWA-54

Lab Sample ID: 680-262300-7

Date Collected: 02/26/25 12:00

Matrix: Water

Date Received: 02/27/25 11:31

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1003.87 mL	1.0 g	705657	03/03/25 07:33	OGC	EET SL
Total/NA	Analysis	9315		1			709817	03/28/25 10:30	FLC	EET SL
	Instrument ID: GFPCBLUE									
Total/NA	Prep	PrecSep_0			1003.87 mL	1.0 g	705658	03/03/25 07:37	OGC	EET SL
Total/NA	Analysis	9320		1			708880	03/21/25 12:38	FLC	EET SL
	Instrument ID: GFPCPURPLE									

Client Sample ID: SCH-GWA-54

Lab Sample ID: 680-262300-7

Date Collected: 02/26/25 12:00

Matrix: Water

Date Received: 02/27/25 11:31

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Ra226_Ra228		1			710056	03/31/25 09:41	FLC	EET SL

Client Sample ID: SCH-CELL3-EB-9

Lab Sample ID: 680-262300-8

Date Collected: 02/26/25 09:40

Matrix: Water

Date Received: 02/27/25 11:31

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1001.51 mL	1.0 g	705657	03/03/25 07:33	OGC	EET SL
Total/NA	Analysis	9315		1			709819	03/28/25 10:21	FLC	EET SL
	Instrument ID: GFPCPURPLE									
Total/NA	Prep	PrecSep_0			1001.51 mL	1.0 g	705658	03/03/25 07:37	OGC	EET SL
Total/NA	Analysis	9320		1			708880	03/21/25 12:38	FLC	EET SL
	Instrument ID: GFPCPURPLE									
Total/NA	Analysis	Ra226_Ra228		1			710056	03/31/25 09:41	FLC	EET SL
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-CELL3-FB-9

Lab Sample ID: 680-262300-9

Date Collected: 02/26/25 10:30

Matrix: Water

Date Received: 02/27/25 11:31

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1003.90 mL	1.0 g	705657	03/03/25 07:33	OGC	EET SL
Total/NA	Analysis	9315		1			709819	03/28/25 10:21	FLC	EET SL
	Instrument ID: GFPCPURPLE									
Total/NA	Prep	PrecSep_0			1003.90 mL	1.0 g	705658	03/03/25 07:37	OGC	EET SL
Total/NA	Analysis	9320		1			708880	03/21/25 12:38	FLC	EET SL
	Instrument ID: GFPCPURPLE									
Total/NA	Analysis	Ra226_Ra228		1			710056	03/31/25 09:41	FLC	EET SL
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-CELL3-EB-10

Lab Sample ID: 680-262300-10

Date Collected: 02/26/25 13:23

Matrix: Water

Date Received: 02/27/25 11:31

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1004.43 mL	1.0 g	705657	03/03/25 07:33	OGC	EET SL
Total/NA	Analysis	9315		1			709819	03/28/25 10:21	FLC	EET SL
	Instrument ID: GFPCPURPLE									
Total/NA	Prep	PrecSep_0			1004.43 mL	1.0 g	705658	03/03/25 07:37	OGC	EET SL
Total/NA	Analysis	9320		1			708880	03/21/25 12:38	FLC	EET SL
	Instrument ID: GFPCPURPLE									
Total/NA	Analysis	Ra226_Ra228		1			710056	03/31/25 09:41	FLC	EET SL
	Instrument ID: NOEQUIP									

Lab Chronicle

Client: Southern Company
Job ID: 680-262300-2
Project/Site: CCR - Plant Scherer Cell 3

Client Sample ID: SCH-CELL3-FB-10
Lab Sample ID: 680-262300-11
Date Collected: 02/26/25 09:25
Matrix: Water
Date Received: 02/27/25 11:31

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1005.93 mL	1.0 g	705657	03/03/25 07:33	OGC	EET SL
Total/NA	Analysis	9315		1			709819	03/28/25 10:21	FLC	EET SL
	Instrument ID: GFPCPURPLE									
Total/NA	Prep	PrecSep_0			1005.93 mL	1.0 g	705658	03/03/25 07:37	OGC	EET SL
Total/NA	Analysis	9320		1			708880	03/21/25 12:38	FLC	EET SL
	Instrument ID: GFPCPURPLE									
Total/NA	Analysis	Ra226_Ra228		1			710056	03/31/25 09:41	FLC	EET SL
	Instrument ID: NOEQUIP									

Laboratory References:

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Accreditation/Certification Summary

Client: Southern Company
Job ID: 680-262300-2
Project/Site: CCR - Plant Scherer Cell 3

Laboratory: Eurofins St. Louis

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87689	06-30-25

Method Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-262300-2

Method	Method Description	Protocol	Laboratory
9315	Radium-226 (GFPC)	SW846	EET SL
9320	Radium-228 (GFPC)	SW846	EET SL
Ra226_Ra228	Combined Radium-226 and Radium-228	TAL-STL	EET SL
PrecSep_0	Preparation, Precipitate Separation	None	EET SL
PrecSep-21	Preparation, Precipitate Separation (21-Day In-Growth)	None	EET SL

Protocol References:

None = None

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL-STL = TestAmerica Laboratories, St. Louis, Facility Standard Operating Procedure.

Laboratory References:

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Phone (912) 354-7858 Phone (912) 352-0165

Chain of Custody Record

eurofins Environment Testing

Client Information	Sampler(s): Mark Mann	Lab PM / Phone: David Fuller / 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: Joju Abraham	Site-Project Manager / Phone: Dawn Prell / 248-536-5445	E-Mail: David.Fuller@et.eurofinsus.com	State of Origin: GA	Page: Page 1 of 1
Company: Southern Company				Job #:
Address: 241 Ralph McGill Blvd SE B10185	Due Date Requested:			
City: Atlanta	TAT Requested (days): 2 weeks			
State, Zip: GA, 30308	Compliance Project: Δ Yes Δ No			
Phone:	Lab Project #: (DO NOT REMOVE) 68027798			
Email: JAbraham@southernco.com	Lab PO #: GPC82130-0006 / PO Line #5			
Project Name: CCR - Plant Scherer Cell 3	Project #:			
Site:				

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)
Other:

Task_Code: SCH-CCR-ASSMT-2025S1

Special Instructions/Notes:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C - Solids, Total Dissolved (TDS)	6020B - App III/IV, State (15) Metals + Cations (Mg, K, Na)	7470A - App IV Mercury	9315_Ra226 - Radium 226	9320_Ra228 - Radium 228	Ra226Ra228_GFPC - Combined Radium 226 and 228	2320B - Alkalinity, Total, Carb/Bicarb						Total Number of containers
			Preservation Code:				N	N	D	D	D	D	D							
SCH-GWC-30	2/26/25	12:15	G	WG	N	N	X	X	X	X	X	X	X	X						6
SCH-GWC-36	2/26/25	09:33	G	WG	N	N	X	X	X	X	X	X	X	X						6
SCH-GWA-41	2/26/25	13:50	G	WG	N	N	X	X	X	X	X	X	X	X						6
SCH-GWA-42	2/26/25	14:45	G	WG	N	N	X	X	X	X	X	X	X	X						6
SCH-GWA-43	2/26/25	13:00	G	WG	N	N	X	X	X	X	X	X	X	X						6
SCH-GWA-44A	2/26/25	10:44	G	WG	N	N	X	X	X	X	X	X	X	X						6
SCH-GWA-54	2/26/25	12:00	G	WG	N	N	X	X	X	X	X	X	X	X						6
SCH-CELL3-EB-9	2/26/25	09:40	G	WQ	N	N	X	X	X	X	X	X	X	X						6
SCH-CELL3-FB-9	2/26/25	10:30	G	WQ	N	N	X	X	X	X	X	X	X	X						6
SCH-CELL3-EB-10	2/26/25	13:23	G	WQ	N	N	X	X	X	X	X	X	X	X						6
SCH-CELL3-FB-10	2/26/25	09:25	G	WQ	N	N	X	X	X	X	X	X	X	X						6

680-262300 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Mark Mann / MARK MANN	2/27/25 830	WSP	Yolanda Duncan	2/27/25 830	COURIER NOW
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 2/27/25 1131	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 3.4/3.4 2.0/2.0 2.1/2.1 0.9/0.9 4.2/4.2

Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Phone: 912-354-7858 Fax: 912-352-0165

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Fuller, David	Carrier Tracking No(s): N/A	COC No: 680-795363.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: David.Fuller@et.eurofinsus.com	State of Origin: Georgia	Page: Page 1 of 2
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Florida; State - Georgia		Job #: 680-262300-1
Address: 13715 Rider Trail North, ,	Due Date Requested: 3/11/2025			Preservation Codes: -
City: Earth City	TAT Requested (days): N/A			
State, Zip: MO, 63045				
Phone: 314-298-8566(Tel) 314-298-8757(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: CCR - Plant Scherer Cell 3	Project #: 68027798			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	9315_Ra226/PrecSep_21 Radium-226 (GFPC) - 21 day decay	9320_Ra228/PrecSep_0 Radium-228 (GFPC)	Ra226Ra228_GFPC/ Combined Radium-226 and Radium-228	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
SCH-GWC-30 (680-262300-1)	2/26/25	12:15 Eastern	G	Water			X	X	X	2	
SCH-GWC-36 (680-262300-2)	2/26/25	09:33 Eastern	G	Water			X	X	X	2	
SCH-GWA-41 (680-262300-3)	2/26/25	13:50 Eastern	G	Water			X	X	X	2	
SCH-GWA-42 (680-262300-4)	2/26/25	14:45 Eastern	G	Water			X	X	X	2	
SCH-GWA-43 (680-262300-5)	2/26/25	13:00 Eastern	G	Water			X	X	X	2	
SCH-GWA-44A (680-262300-6)	2/26/25	10:44 Eastern	G	Water			X	X	X	2	
SCH-GWA-54 (680-262300-7)	2/26/25	12:00 Eastern	G	Water			X	X	X	2	
SCH-CELL3-EB-9 (680-262300-8)	2/26/25	09:40 Eastern	G	Water			X	X	X	2	
SCH-CELL3-FB-9 (680-262300-9)	2/26/25	10:30 Eastern	G	Water			X	X	X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Southeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Southeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Southeast, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	2/27/25 1553	E-Sav	M. Pinette	FEB 28 2025 0830	
Relinquished by:	Date/Time:	Company	Received by: Meadow Pinette	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 10/10/2024

Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Phone: 912-354-7858 Fax: 912-352-0165

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Fuller, David	Carrier Tracking No(s): N/A	COC No: 680-795363.2
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: David.Fuller@et.eurofinsus.com	State of Origin: Georgia	Page: Page 2 of 2
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Florida; State - Georgia		Job #: 680-262300-1
Address: 13715 Rider Trail North, ,	Due Date Requested: 3/11/2025			
City: Earth City	TAT Requested (days): N/A			
State, Zip: MO, 63045				
Phone: 314-298-8566(Tel) 314-298-8757(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: CCR - Plant Scherer Cell 3	Project #: 68027798			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes: -

Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	9315_Ra226/PrecSep_21 Radium-226 (GFPC) - 21 day decay	9320_Ra228/PrecSep_0 Radium-228 (GFPC)	Ra226Ra228_GFPC/ Combined Radium-226 and Radium-228	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
SCH-CELL3-EB-10 (680-262300-10)	2/26/25	13:23 Eastern	G	Water			X	X	X	2	
SCH-CELL3-FB-10 (680-262300-11)	2/26/25	09:25 Eastern	G	Water			X	X	X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Southeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Southeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Southeast, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	2/27/25 1553	E-Sav	M. Pinette	FEB 28 2025 0830	
Relinquished by:	Date/Time:	Company	Received by: Meadow Pinette	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-262300-2

Login Number: 262300

List Source: Eurofins Savannah

List Number: 1

Creator: Johnson, Corey M

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-262300-2

Login Number: 262300
List Number: 2
Creator: Pinette, Meadow L

List Source: Eurofins St. Louis
List Creation: 02/28/25 11:33 AM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	N/A	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Joju Abraham
Southern Company
241 Ralph McGill Blvd SE
B10185
Atlanta, Georgia 30308

Generated 3/31/2025 12:51:12 PM

JOB DESCRIPTION

CCR - Plant Scherer Cell 3

JOB NUMBER

680-262261-2

Eurofins Savannah
5102 LaRoche Avenue
Savannah GA 31404

See page two for job notes and contact information.

my EOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization



Generated
3/31/2025 12:51:12 PM

Authorized for release by
David Fuller, Project Manager
David.Fuller@et.eurofinsus.com
(770)344-8986

Definitions/Glossary

Client: Southern Company
Job ID: 680-262261-2
Project/Site: CCR - Plant Scherer Cell 3

Qualifiers

Rad

Qualifier	Qualifier Description
U	Result is less than the sample detection limit.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Sample Summary

Client: Southern Company
Job ID: 680-262261-2
Project/Site: CCR - Plant Scherer Cell 3

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-262261-1	SCH-GWC-38	Water	02/25/25 14:55	02/26/25 12:00
680-262261-2	SCH-GWC-37	Water	02/25/25 13:10	02/26/25 12:00
680-262261-3	SCH-GWC-35	Water	02/25/25 10:27	02/26/25 12:00
680-262261-4	SCH-GWC-34	Water	02/25/25 13:40	02/26/25 12:00
680-262261-5	SCH-GWC-33A	Water	02/25/25 12:26	02/26/25 12:00
680-262261-6	SCH-GWC-32	Water	02/25/25 10:24	02/26/25 12:00
680-262261-7	SCH-GWC-31	Water	02/25/25 15:11	02/26/25 12:00
680-262261-8	SCH-CELL3-FD-9	Water	02/25/25 00:00	02/26/25 12:00
680-262261-9	SCH-CELL3-FD-10	Water	02/25/25 00:00	02/26/25 12:00

Job ID: 680-262261-2 — Eurofins Savannah

Job Narrative
680-262261-2

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Receipt
The samples were received on 2/26/2025 12:00 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 5 coolers at receipt time were 1.9°C, 2.1°C, 3.3°C, 3.4°C and 4.0°C.

Gas Flow Proportional Counter
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Rad
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client Sample ID: SCH-GWC-38

Lab Sample ID: 680-262261-1

Date Collected: 02/25/25 14:55

Matrix: Water

Date Received: 02/26/25 12:00

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0308	U	0.0649	0.0650	1.00	0.119	pCi/L	03/03/25 07:29	03/30/25 09:24	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.8*		*30 - 110*	*03/03/25 07:29*	*03/30/25 09:24*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.0587	U	0.286	0.286	1.00	0.525	pCi/L	03/03/25 07:31	03/24/25 12:02	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.8*		*30 - 110*	*03/03/25 07:31*	*03/24/25 12:02*	*1*
Y Carrier	*83.7*		*30 - 110*	*03/03/25 07:31*	*03/24/25 12:02*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.0895	U	0.293	0.293	5.00	0.525	pCi/L		03/31/25 09:41	1

Client Sample ID: SCH-GWC-37

Lab Sample ID: 680-262261-2

Date Collected: 02/25/25 13:10

Matrix: Water

Date Received: 02/26/25 12:00

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0607	U	0.0706	0.0708	1.00	0.114	pCi/L	03/03/25 07:29	03/30/25 09:25	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.8*		*30 - 110*	*03/03/25 07:29*	*03/30/25 09:25*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.452	U	0.354	0.357	1.00	0.541	pCi/L	03/03/25 07:31	03/24/25 12:02	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.8*		*30 - 110*	*03/03/25 07:31*	*03/24/25 12:02*	*1*
Y Carrier	*80.0*		*30 - 110*	*03/03/25 07:31*	*03/24/25 12:02*	*1*

Client Sample ID: SCH-GWC-37

Lab Sample ID: 680-262261-2

Date Collected: 02/25/25 13:10

Matrix: Water

Date Received: 02/26/25 12:00

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.512	U	0.361	0.364	5.00	0.541	pCi/L		03/31/25 09:41	1

Client Sample ID: SCH-GWC-35

Lab Sample ID: 680-262261-3

Date Collected: 02/25/25 10:27

Matrix: Water

Date Received: 02/26/25 12:00

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0688	U	0.0646	0.0649	1.00	0.0974	pCi/L	03/03/25 07:29	03/30/25 09:25	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*98.7*		*30 - 110*	*03/03/25 07:29*	*03/30/25 09:25*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.245	U	0.325	0.326	1.00	0.544	pCi/L	03/03/25 07:31	03/24/25 12:12	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*98.7*		*30 - 110*	*03/03/25 07:31*	*03/24/25 12:12*	*1*
Y Carrier	*74.0*		*30 - 110*	*03/03/25 07:31*	*03/24/25 12:12*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.313	U	0.331	0.332	5.00	0.544	pCi/L		03/31/25 09:41	1

Client Sample ID: SCH-GWC-34

Lab Sample ID: 680-262261-4

Date Collected: 02/25/25 13:40

Matrix: Water

Date Received: 02/26/25 12:00

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0177	U	0.0553	0.0553	1.00	0.107	pCi/L	03/03/25 07:29	03/30/25 09:25	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*92.9*		*30 - 110*	*03/03/25 07:29*	*03/30/25 09:25*	*1*

Client Sample ID: SCH-GWC-34

Lab Sample ID: 680-262261-4

Date Collected: 02/25/25 13:40

Matrix: Water

Date Received: 02/26/25 12:00

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.410	U	0.340	0.342	1.00	0.532	pCi/L	03/03/25 07:31	03/24/25 12:12	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*92.9*		*30 - 110*	*03/03/25 07:31*	*03/24/25 12:12*	*1*
Y Carrier	*87.9*		*30 - 110*	*03/03/25 07:31*	*03/24/25 12:12*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.428	U	0.344	0.346	5.00	0.532	pCi/L		03/31/25 09:41	1

Client Sample ID: SCH-GWC-33A

Lab Sample ID: 680-262261-5

Date Collected: 02/25/25 12:26

Matrix: Water

Date Received: 02/26/25 12:00

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0189	U	0.0804	0.0804	1.00	0.151	pCi/L	03/03/25 07:29	03/30/25 09:25	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*99.0*		*30 - 110*	*03/03/25 07:29*	*03/30/25 09:25*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.466	U	0.325	0.328	1.00	0.492	pCi/L	03/03/25 07:31	03/24/25 12:13	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*99.0*		*30 - 110*	*03/03/25 07:31*	*03/24/25 12:13*	*1*
Y Carrier	*88.2*		*30 - 110*	*03/03/25 07:31*	*03/24/25 12:13*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.485	U	0.335	0.338	5.00	0.492	pCi/L		03/31/25 09:41	1

Client Sample ID: SCH-GWC-32

Lab Sample ID: 680-262261-6

Date Collected: 02/25/25 10:24

Matrix: Water

Date Received: 02/26/25 12:00

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0257	U	0.0643	0.0644	1.00	0.119	pCi/L	03/03/25 07:29	03/30/25 09:25	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.8*		*30 - 110*	*03/03/25 07:29*	*03/30/25 09:25*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.418	U	0.346	0.349	1.00	0.540	pCi/L	03/03/25 07:31	03/24/25 12:13	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.8*		*30 - 110*	*03/03/25 07:31*	*03/24/25 12:13*	*1*
Y Carrier	*84.1*		*30 - 110*	*03/03/25 07:31*	*03/24/25 12:13*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.443	U	0.352	0.355	5.00	0.540	pCi/L		03/31/25 09:41	1

Client Sample ID: SCH-GWC-31

Lab Sample ID: 680-262261-7

Date Collected: 02/25/25 15:11

Matrix: Water

Date Received: 02/26/25 12:00

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.0217	U	0.0664	0.0664	1.00	0.147	pCi/L	03/03/25 07:29	03/30/25 09:25	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.5*		*30 - 110*	*03/03/25 07:29*	*03/30/25 09:25*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.316	U	0.386	0.388	1.00	0.639	pCi/L	03/03/25 07:31	03/24/25 12:13	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.5*		*30 - 110*	*03/03/25 07:31*	*03/24/25 12:13*	*1*
Y Carrier	*72.5*		*30 - 110*	*03/03/25 07:31*	*03/24/25 12:13*	*1*

Client Sample ID: SCH-GWC-31

Lab Sample ID: 680-262261-7

Date Collected: 02/25/25 15:11

Matrix: Water

Date Received: 02/26/25 12:00

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.294	U	0.392	0.394	5.00	0.639	pCi/L		03/31/25 09:41	1

Client Sample ID: SCH-CELL3-FD-9

Lab Sample ID: 680-262261-8

Date Collected: 02/25/25 00:00

Matrix: Water

Date Received: 02/26/25 12:00

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.00790	U	0.0500	0.0500	1.00	0.110	pCi/L	03/03/25 07:29	03/30/25 09:25	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*100*		*30 - 110*	*03/03/25 07:29*	*03/30/25 09:25*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.482	U	0.353	0.356	1.00	0.540	pCi/L	03/03/25 07:31	03/24/25 12:13	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*100*		*30 - 110*	*03/03/25 07:31*	*03/24/25 12:13*	*1*
Y Carrier	*81.1*		*30 - 110*	*03/03/25 07:31*	*03/24/25 12:13*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.474	U	0.357	0.359	5.00	0.540	pCi/L		03/31/25 09:41	1

Client Sample ID: SCH-CELL3-FD-10

Lab Sample ID: 680-262261-9

Date Collected: 02/25/25 00:00

Matrix: Water

Date Received: 02/26/25 12:00

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.112	U	0.0897	0.0903	1.00	0.132	pCi/L	03/03/25 07:29	03/30/25 09:25	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.0*		*30 - 110*	*03/03/25 07:29*	*03/30/25 09:25*	*1*

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-262261-2

Client Sample ID: SCH-CELL3-FD-10
Date Collected: 02/25/25 00:00
Date Received: 02/26/25 12:00

Lab Sample ID: 680-262261-9
Matrix: Water

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.315	U	0.320	0.322	1.00	0.516	pCi/L	03/03/25 07:31	03/24/25 12:13	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.0*		*30 - 110*	*03/03/25 07:31*	*03/24/25 12:13*	*1*
Y Carrier	*85.2*		*30 - 110*	*03/03/25 07:31*	*03/24/25 12:13*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.427	U	0.332	0.334	5.00	0.516	pCi/L		03/31/25 09:41	1

Tracer/Carrier Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-262261-2

Method: 9315 - Radium-226 (GFPC)

Matrix: Water

Prep Type: Total/NA

		Percent Yield (Acceptance Limits)
		Ba
Lab Sample ID	Client Sample ID	(30-110)
680-262261-1	SCH-GWC-38	84.8
680-262261-2	SCH-GWC-37	84.8
680-262261-3	SCH-GWC-35	98.7
680-262261-4	SCH-GWC-34	92.9
680-262261-5	SCH-GWC-33A	99.0
680-262261-6	SCH-GWC-32	90.8
680-262261-7	SCH-GWC-31	88.5
680-262261-8	SCH-CELL3-FD-9	100
680-262261-9	SCH-CELL3-FD-10	88.0
680-262261-9 DU	SCH-CELL3-FD-10	86.9
LCS 160-705654/2-A	Lab Control Sample	90.6
MB 160-705654/1-A	Method Blank	89.3

Tracer/Carrier Legend

Ba = Ba Carrier

Method: 9320 - Radium-228 (GFPC)

Matrix: Water

Prep Type: Total/NA

		Percent Yield (Acceptance Limits)	
		Ba	Y
Lab Sample ID	Client Sample ID	(30-110)	(30-110)
680-262261-1	SCH-GWC-38	84.8	83.7
680-262261-2	SCH-GWC-37	84.8	80.0
680-262261-3	SCH-GWC-35	98.7	74.0
680-262261-4	SCH-GWC-34	92.9	87.9
680-262261-5	SCH-GWC-33A	99.0	88.2
680-262261-6	SCH-GWC-32	90.8	84.1
680-262261-7	SCH-GWC-31	88.5	72.5
680-262261-8	SCH-CELL3-FD-9	100	81.1
680-262261-9	SCH-CELL3-FD-10	88.0	85.2
680-262261-9 DU	SCH-CELL3-FD-10	86.9	79.6
LCS 160-705656/2-A	Lab Control Sample	90.6	84.1
MB 160-705656/1-A	Method Blank	89.3	85.6

Tracer/Carrier Legend

Ba = Ba Carrier

Y = Y Carrier

Method: 9315 - Radium-226 (GFPC)

Lab Sample ID: MB 160-705654/1-A
Matrix: Water
Analysis Batch: 709930

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 705654

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.01292	U	0.0864	0.0864	1.00	0.164	pCi/L	03/03/25 07:29	03/30/25 09:09	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.3*		*30 - 110*	*03/03/25 07:29*	*03/30/25 09:09*	*1*

Lab Sample ID: LCS 160-705654/2-A
Matrix: Water
Analysis Batch: 709931

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 705654

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			9.58	8.302		0.922	1.00	0.140	pCi/L	87	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*90.6*		*30 - 110*

Lab Sample ID: 680-262261-9 DU
Matrix: Water
Analysis Batch: 709931

Client Sample ID: SCH-CELL3-FD-10
Prep Type: Total/NA
Prep Batch: 705654

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-226	0.112	U		0.05626	U	0.0982	1.00	0.170	pCi/L			0.30	1

Carrier	*DU %Yield*	*DU Qualifier*	*Limits*
Ba Carrier	*86.9*		*30 - 110*

Method: 9320 - Radium-228 (GFPC)

Lab Sample ID: MB 160-705656/1-A
Matrix: Water
Analysis Batch: 709069

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 705656

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.3853	U	0.322	0.324	1.00	0.500	pCi/L	03/03/25 07:31	03/24/25 12:02	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.3*		*30 - 110*	*03/03/25 07:31*	*03/24/25 12:02*	*1*
Y Carrier	*85.6*		*30 - 110*	*03/03/25 07:31*	*03/24/25 12:02*	*1*

Method: 9320 - Radium-228 (GFPC) (Continued)

Lab Sample ID: LCS 160-705656/2-A
Matrix: Water
Analysis Batch: 709069

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 705656

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			7.99	9.055		1.25	1.00	0.498	pCi/L	113	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*90.6*		*30 - 110*
Y Carrier	*84.1*		*30 - 110*

Lab Sample ID: 680-262261-9 DU
Matrix: Water
Analysis Batch: 709096

Client Sample ID: SCH-CELL3-FD-10
Prep Type: Total/NA
Prep Batch: 705656

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-228	0.315	U		-0.02906	U	0.322	1.00	0.609	pCi/L			0.53	1

Carrier	*DU %Yield*	*DU Qualifier*	*Limits*
Ba Carrier	*86.9*		*30 - 110*
Y Carrier	*79.6*		*30 - 110*

QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-262261-2

Rad

Prep Batch: 705654

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262261-1	SCH-GWC-38	Total/NA	Water	PrecSep-21	
680-262261-2	SCH-GWC-37	Total/NA	Water	PrecSep-21	
680-262261-3	SCH-GWC-35	Total/NA	Water	PrecSep-21	
680-262261-4	SCH-GWC-34	Total/NA	Water	PrecSep-21	
680-262261-5	SCH-GWC-33A	Total/NA	Water	PrecSep-21	
680-262261-6	SCH-GWC-32	Total/NA	Water	PrecSep-21	
680-262261-7	SCH-GWC-31	Total/NA	Water	PrecSep-21	
680-262261-8	SCH-CELL3-FD-9	Total/NA	Water	PrecSep-21	
680-262261-9	SCH-CELL3-FD-10	Total/NA	Water	PrecSep-21	
MB 160-705654/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-705654/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
680-262261-9 DU	SCH-CELL3-FD-10	Total/NA	Water	PrecSep-21	

Prep Batch: 705656

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262261-1	SCH-GWC-38	Total/NA	Water	PrecSep_0	
680-262261-2	SCH-GWC-37	Total/NA	Water	PrecSep_0	
680-262261-3	SCH-GWC-35	Total/NA	Water	PrecSep_0	
680-262261-4	SCH-GWC-34	Total/NA	Water	PrecSep_0	
680-262261-5	SCH-GWC-33A	Total/NA	Water	PrecSep_0	
680-262261-6	SCH-GWC-32	Total/NA	Water	PrecSep_0	
680-262261-7	SCH-GWC-31	Total/NA	Water	PrecSep_0	
680-262261-8	SCH-CELL3-FD-9	Total/NA	Water	PrecSep_0	
680-262261-9	SCH-CELL3-FD-10	Total/NA	Water	PrecSep_0	
MB 160-705656/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-705656/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
680-262261-9 DU	SCH-CELL3-FD-10	Total/NA	Water	PrecSep_0	

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-262261-2

Client Sample ID: SCH-GWC-38

Lab Sample ID: 680-262261-1

Date Collected: 02/25/25 14:55

Matrix: Water

Date Received: 02/26/25 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1004.91 mL	1.0 g	705654	03/03/25 07:29	OGC	EET SL
Total/NA	Analysis	9315		1			709931	03/30/25 09:24	SWS	EET SL
	Instrument ID: GFPCBLUE									
Total/NA	Prep	PrecSep_0			1004.91 mL	1.0 g	705656	03/03/25 07:31	OGC	EET SL
Total/NA	Analysis	9320		1			709069	03/24/25 12:02	SWS	EET SL
	Instrument ID: GFPCRED									
Total/NA	Analysis	Ra226_Ra228		1			710056	03/31/25 09:41	FLC	EET SL
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-GWC-37

Lab Sample ID: 680-262261-2

Date Collected: 02/25/25 13:10

Matrix: Water

Date Received: 02/26/25 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1000.54 mL	1.0 g	705654	03/03/25 07:29	OGC	EET SL
Total/NA	Analysis	9315		1			709931	03/30/25 09:25	SWS	EET SL
	Instrument ID: GFPCBLUE									
Total/NA	Prep	PrecSep_0			1000.54 mL	1.0 g	705656	03/03/25 07:31	OGC	EET SL
Total/NA	Analysis	9320		1			709069	03/24/25 12:02	SWS	EET SL
	Instrument ID: GFPCRED									
Total/NA	Analysis	Ra226_Ra228		1			710056	03/31/25 09:41	FLC	EET SL
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-GWC-35

Lab Sample ID: 680-262261-3

Date Collected: 02/25/25 10:27

Matrix: Water

Date Received: 02/26/25 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1008.35 mL	1.0 g	705654	03/03/25 07:29	OGC	EET SL
Total/NA	Analysis	9315		1			709931	03/30/25 09:25	SWS	EET SL
	Instrument ID: GFPCBLUE									
Total/NA	Prep	PrecSep_0			1008.35 mL	1.0 g	705656	03/03/25 07:31	OGC	EET SL
Total/NA	Analysis	9320		1			709096	03/24/25 12:12	CMM	EET SL
	Instrument ID: GFPCBLUE									
Total/NA	Analysis	Ra226_Ra228		1			710056	03/31/25 09:41	FLC	EET SL
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-GWC-34

Lab Sample ID: 680-262261-4

Date Collected: 02/25/25 13:40

Matrix: Water

Date Received: 02/26/25 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1006.01 mL	1.0 g	705654	03/03/25 07:29	OGC	EET SL
Total/NA	Analysis	9315		1			709931	03/30/25 09:25	SWS	EET SL
	Instrument ID: GFPCBLUE									

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-262261-2

Client Sample ID: SCH-GWC-34

Lab Sample ID: 680-262261-4

Date Collected: 02/25/25 13:40
Matrix: Water
Date Received: 02/26/25 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep_0			1006.01 mL	1.0 g	705656	03/03/25 07:31	OGC	EET SL
Total/NA	Analysis	9320		1			709096	03/24/25 12:12	CMM	EET SL
	Instrument ID: GFPCBLUE									
Total/NA	Analysis	Ra226_Ra228		1			710056	03/31/25 09:41	FLC	EET SL
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-GWC-33A

Lab Sample ID: 680-262261-5

Date Collected: 02/25/25 12:26
Matrix: Water
Date Received: 02/26/25 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1006.96 mL	1.0 g	705654	03/03/25 07:29	OGC	EET SL
Total/NA	Analysis	9315		1			709931	03/30/25 09:25	SWS	EET SL
	Instrument ID: GFPCBLUE									
Total/NA	Prep	PrecSep_0			1006.96 mL	1.0 g	705656	03/03/25 07:31	OGC	EET SL
Total/NA	Analysis	9320		1			709096	03/24/25 12:13	CMM	EET SL
	Instrument ID: GFPCBLUE									
Total/NA	Analysis	Ra226_Ra228		1			710056	03/31/25 09:41	FLC	EET SL
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-GWC-32

Lab Sample ID: 680-262261-6

Date Collected: 02/25/25 10:24
Matrix: Water
Date Received: 02/26/25 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1002.87 mL	1.0 g	705654	03/03/25 07:29	OGC	EET SL
Total/NA	Analysis	9315		1			709931	03/30/25 09:25	SWS	EET SL
	Instrument ID: GFPCBLUE									
Total/NA	Prep	PrecSep_0			1002.87 mL	1.0 g	705656	03/03/25 07:31	OGC	EET SL
Total/NA	Analysis	9320		1			709096	03/24/25 12:13	CMM	EET SL
	Instrument ID: GFPCBLUE									
Total/NA	Analysis	Ra226_Ra228		1			710056	03/31/25 09:41	FLC	EET SL
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-GWC-31

Lab Sample ID: 680-262261-7

Date Collected: 02/25/25 15:11
Matrix: Water
Date Received: 02/26/25 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1001.37 mL	1.0 g	705654	03/03/25 07:29	OGC	EET SL
Total/NA	Analysis	9315		1			709931	03/30/25 09:25	SWS	EET SL
	Instrument ID: GFPCBLUE									
Total/NA	Prep	PrecSep_0			1001.37 mL	1.0 g	705656	03/03/25 07:31	OGC	EET SL
Total/NA	Analysis	9320		1			709096	03/24/25 12:13	CMM	EET SL
	Instrument ID: GFPCBLUE									

Lab Chronicle

Client: Southern Company
Job ID: 680-262261-2
Project/Site: CCR - Plant Scherer Cell 3

Client Sample ID: SCH-GWC-31
Lab Sample ID: 680-262261-7
Date Collected: 02/25/25 15:11
Matrix: Water
Date Received: 02/26/25 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Ra226_Ra228		1			710056	03/31/25 09:41	FLC	EET SL

Client Sample ID: SCH-CELL3-FD-9
Lab Sample ID: 680-262261-8
Date Collected: 02/25/25 00:00
Matrix: Water
Date Received: 02/26/25 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1000.72 mL	1.0 g	705654	03/03/25 07:29	OGC	EET SL
Total/NA	Analysis	9315		1			709931	03/30/25 09:25	SWS	EET SL
	Instrument ID: GFPCBLUE									
Total/NA	Prep	PrecSep_0			1000.72 mL	1.0 g	705656	03/03/25 07:31	OGC	EET SL
Total/NA	Analysis	9320		1			709096	03/24/25 12:13	CMM	EET SL
	Instrument ID: GFPCBLUE									
Total/NA	Analysis	Ra226_Ra228		1			710056	03/31/25 09:41	FLC	EET SL
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-CELL3-FD-10
Lab Sample ID: 680-262261-9
Date Collected: 02/25/25 00:00
Matrix: Water
Date Received: 02/26/25 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1000.89 mL	1.0 g	705654	03/03/25 07:29	OGC	EET SL
Total/NA	Analysis	9315		1			709931	03/30/25 09:25	SWS	EET SL
	Instrument ID: GFPCBLUE									
Total/NA	Prep	PrecSep_0			1000.89 mL	1.0 g	705656	03/03/25 07:31	OGC	EET SL
Total/NA	Analysis	9320		1			709096	03/24/25 12:13	CMM	EET SL
	Instrument ID: GFPCBLUE									
Total/NA	Analysis	Ra226_Ra228		1			710056	03/31/25 09:41	FLC	EET SL
	Instrument ID: NOEQUIP									

Laboratory References:

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Accreditation/Certification Summary

Client: Southern Company
Job ID: 680-262261-2
Project/Site: CCR - Plant Scherer Cell 3

Laboratory: Eurofins St. Louis

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87689	06-30-25

Method Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-262261-2

Method	Method Description	Protocol	Laboratory
9315	Radium-226 (GFPC)	SW846	EET SL
9320	Radium-228 (GFPC)	SW846	EET SL
Ra226_Ra228	Combined Radium-226 and Radium-228	TAL-STL	EET SL
PrecSep_0	Preparation, Precipitate Separation	None	EET SL
PrecSep-21	Preparation, Precipitate Separation (21-Day In-Growth)	None	EET SL

Protocol References:

None = None

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL-STL = TestAmerica Laboratories, St. Louis, Facility Standard Operating Procedure.

Laboratory References:

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Phone (912) 354-7858 Phone (912) 352-0165

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler(s): Mark Mann	Lab PM / Phone: David Fuller / 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: Joju Abraham	Site-Project Manager / Phone: Dawn Prell / 248-536-5445	E-Mail: David.Fuller@et.eurofinsus.com	State of Origin: GA	Page: Page 1 of 1
Company: Southern Company		Analysis Requested		Job #:
Address: 241 Ralph McGill Blvd SE B10185	Due Date Requested:			
City: Atlanta	TAT Requested (days): 2 weeks			
State, Zip: GA, 30308	Compliance Project: Δ Yes Δ No			
Phone:	Lab Project #: (DO NOT REMOVE) 68027798			
Email: JAbraham@southernco.com	Lab PO #: GPC82130-0006 / PO Line #5			
Project Name: CCR - Plant Scherer Cell 3	Project #:			
Site:				

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)
Other:

Task_Code: SCH-CCR-ASSMT-2025S1
Special Instructions/Notes:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C - Solids, Total Dissolved (TDS)	6020B - App III/IV, State (15) Metals + Cations (Mg, K, Na)	7470A - App IV Mercury	9315_Ra226 - Radium 226	9320_Ra228 - Radium 228	Ra226Ra228_GFPC - Combined Radium 226 and 228	2320B - Alkalinity, Total, Carb/Bicarb						Total Number of containers	
			Preservation Code:				N	N	D	D	D	D	D								
SCH-GWC-38	2/25/25	14:55	G	WG	N	N	X	X	X	X	X	X	X	X						6	
SCH-GWC-37	2/25/25	13:10	G	WG	N	N	X	X	X	X	X	X	X	X						6	
SCH-GWC-35	2/25/25	10:27	G	WG	N	N	X	X	X	X	X	X	X	X						8	Extra radium
SCH-GWC-34	2/25/25	13:40	G	WG	N	N	X	X	X	X	X	X	X	X						6	
SCH-GWC-33A	2/25/25	12:26	G	WG	N	N	X	X	X	X	X	X	X	X						8	Extra radium
SCH-GWC-32	2/25/25	10:24	G	WG	N	N	X	X	X	X	X	X	X	X						6	
SCH-GWC-31	2/25/25	15:11	G	WG	N	N	X	X	X	X	X	X	X	X						6	
SCH-CELL3-FD-9	2/25/25	-	G	WG	N	N	X	X	X	X	X	X	X	X						6	
SCH-CELL3-FD-10	2/25/25	-	G	WG	N	N	X	X	X	X	X	X	X	X						6	

680-262261 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by: | Date: | Time: | Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
MARK MANN	2/26/25 840	WSP	Yolanda Duncan	2/26/25 840	COURIERNOW
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 2/26/25 1200	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 2.1/2.1 3.4/3.4 3.3/3.3 1.9/1.9 4.0/4.0

Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Phone: 912-354-7858 Fax: 912-352-0165

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Fuller, David	Carrier Tracking No(s): N/A	COC No: 680-795344.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: David.Fuller@et.eurofinsus.com	State of Origin: Georgia	Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Florida; State - Georgia		Job #: 680-262261-1
Address: 13715 Rider Trail North, ,	Due Date Requested: 3/10/2025			
City: Earth City	TAT Requested (days): N/A			
State, Zip: MO, 63045				
Phone: 314-298-8566(Tel) 314-298-8757(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: CCR - Plant Scherer Cell 3	Project #: 68027798			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes: -

Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	9315_Ra226/PrecSep_21 Radium-226 (GFPC) - 21 day decay	9320_Ra228/PrecSep_0 Radium-228 (GFPC)	Ra226Ra228_GFPC/ Combined Radium-226 and Radium-228	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
SCH-GWC-38 (680-262261-1)	2/25/25	14:55 Eastern	G	Water			X	X	X	2	
SCH-GWC-37 (680-262261-2)	2/25/25	13:10 Eastern	G	Water			X	X	X	2	
SCH-GWC-35 (680-262261-3)	2/25/25	10:27 Eastern	G	Water			X	X	X	4	
SCH-GWC-34 (680-262261-4)	2/25/25	13:40 Eastern	G	Water			X	X	X	2	
SCH-GWC-33A (680-262261-5)	2/25/25	12:26 Eastern	G	Water			X	X	X	4	
SCH-GWC-32 (680-262261-6)	2/25/25	10:24 Eastern	G	Water			X	X	X	2	
SCH-GWC-31 (680-262261-7)	2/25/25	15:11 Eastern	G	Water			X	X	X	2	
SCH-CELL3-FD-9 (680-262261-8)	2/25/25	Eastern	G	Water			X	X	X	2	
SCH-CELL3-FD-10 (680-262261-9)	2/25/25	Eastern	G	Water			X	X	X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Southeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Southeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Southeast, LLC.

Possible Hazard Identification *Unconfirmed*	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*** ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	2/27/25 1400	Eurofins	M. Pinette	FEB 28 2025 0830	
Relinquished by:	Date/Time:	Company	Received by: Meadow Pinette	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 10/10/2024

3/31/2025

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-262261-2

Login Number: 262261

List Source: Eurofins Savannah

List Number: 1

Creator: Johnson, Corey M

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-262261-2

Login Number: 262261
List Number: 2
Creator: Pinette, Meadow L

List Source: Eurofins St. Louis
List Creation: 02/28/25 11:33 AM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	N/A	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

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1 2 3 4 5 6 7 8 9 10 11 12 13

ANALYTICAL REPORT

PREPARED FOR

Attn: Joju Abraham
Southern Company
241 Ralph McGill Blvd SE
B10185
Atlanta, Georgia 30308

Generated 4/22/2025 12:11:21 PM

JOB DESCRIPTION

CCR - Plant Scherer Cell 3

JOB NUMBER

680-262184-2

Eurofins Savannah
5102 LaRoche Avenue
Savannah GA 31404

See page two for job notes and contact information.

myEOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization



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4/22/2025 12:11:21 PM

Authorized for release by
David Fuller, Project Manager
David.Fuller@et.eurofinsus.com
(770)344-8986

Definitions/Glossary

Client: Southern Company
Job ID: 680-262184-2
Project/Site: CCR - Plant Scherer Cell 3

Qualifiers

Rad

Qualifier	Qualifier Description
U	Result is less than the sample detection limit.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Sample Summary

Client: Southern Company
Job ID: 680-262184-2
Project/Site: CCR - Plant Scherer Cell 3

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-262184-1	SCH-GWA-39	Water	02/24/25 13:25	02/25/25 11:30
680-262184-2	SCH-GWA-40	Water	02/24/25 15:35	02/25/25 11:30

Job ID: 680-262184-2 — Eurofins Savannah

Job Narrative
680-262184-2

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Receipt
The samples were received on 2/25/2025 11:30 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.5°C.

Gas Flow Proportional Counter
Method 9320_Ra228: Radium 228 batch 705316
The LCS recovered at (74%). The limits in our LIMS system at 75-125 reflect the requirements of a regulatory agency that represents a large amount of our work. However the samples associated with this LCS are not from this agency and are therefore held to our in-house statistical limits of (68-154%) per method requirements. The LCS passes, no further action is required (LCS 160-705316/2-A)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Rad
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client Sample ID: SCH-GWA-39

Lab Sample ID: 680-262184-1

Date Collected: 02/24/25 13:25

Matrix: Water

Date Received: 02/25/25 11:30

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0678	U	0.0631	0.0634	1.00	0.0959	pCi/L	03/28/25 07:36	04/21/25 15:17	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.6*		*30 - 110*	*03/28/25 07:36*	*04/21/25 15:17*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.0133	U	0.309	0.309	1.00	0.585	pCi/L	02/28/25 08:15	03/20/25 14:15	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*96.1*		*30 - 110*	*02/28/25 08:15*	*03/20/25 14:15*	*1*
Y Carrier	*82.6*		*30 - 110*	*02/28/25 08:15*	*03/20/25 14:15*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.0811	U	0.315	0.315	5.00	0.585	pCi/L		04/22/25 09:26	1

Client Sample ID: SCH-GWA-40

Lab Sample ID: 680-262184-2

Date Collected: 02/24/25 15:35

Matrix: Water

Date Received: 02/25/25 11:30

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0245	U	0.0494	0.0494	1.00	0.0901	pCi/L	03/28/25 07:36	04/21/25 15:17	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*80.9*		*30 - 110*	*03/28/25 07:36*	*04/21/25 15:17*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.0408	U	0.337	0.337	1.00	0.624	pCi/L	02/28/25 08:15	03/20/25 14:16	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*94.0*		*30 - 110*	*02/28/25 08:15*	*03/20/25 14:16*	*1*
Y Carrier	*83.4*		*30 - 110*	*02/28/25 08:15*	*03/20/25 14:16*	*1*

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-262184-2

Client Sample ID: SCH-GWA-40
Date Collected: 02/24/25 15:35
Date Received: 02/25/25 11:30

Lab Sample ID: 680-262184-2
Matrix: Water

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.0652	U	0.341	0.341	5.00	0.624	pCi/L		04/22/25 09:26	1

Tracer/Carrier Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-262184-2

Method: 9315 - Radium-226 (GFPC)

Matrix: Water **Prep Type: Total/NA**

		Percent Yield (Acceptance Limits)
Lab Sample ID	Client Sample ID	Ba (30-110)
680-262184-1	SCH-GWA-39	84.6
680-262184-2	SCH-GWA-40	80.9
LCS 160-709797/2-A	Lab Control Sample	74.1
LCSD 160-709797/3-A	Lab Control Sample Dup	76.0
MB 160-709797/1-A	Method Blank	74.6

Tracer/Carrier Legend

Ba = Ba Carrier

Method: 9320 - Radium-228 (GFPC)

Matrix: Water **Prep Type: Total/NA**

		Percent Yield (Acceptance Limits)	
Lab Sample ID	Client Sample ID	Ba (30-110)	Y (30-110)
680-262176-J-2-B DU	Duplicate	91.6	83.0
680-262184-1	SCH-GWA-39	96.1	82.6
680-262184-2	SCH-GWA-40	94.0	83.4
LCS 160-705316/2-A	Lab Control Sample	92.7	80.4
MB 160-705316/1-A	Method Blank	85.3	81.9

Tracer/Carrier Legend

Ba = Ba Carrier
Y = Y Carrier

Method: 9315 - Radium-226 (GFPC)

Lab Sample ID: MB 160-709797/1-A
Matrix: Water
Analysis Batch: 713556

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 709797

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.01948	U	0.0561	0.0561	1.00	0.106	pCi/L	03/28/25 07:36	04/21/25 09:54	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*74.6*		*30 - 110*	*03/28/25 07:36*	*04/21/25 09:54*	*1*

Lab Sample ID: LCS 160-709797/2-A
Matrix: Water
Analysis Batch: 713556

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 709797

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			9.58	11.09		1.16	1.00	0.107	pCi/L	116	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*74.1*		*30 - 110*

Lab Sample ID: LCSD 160-709797/3-A
Matrix: Water
Analysis Batch: 713556

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 709797

Analyte			Spike Added	LCSD Result	LCSD Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits	RER	RER Limit
Radium-226			9.58	9.902		1.05	1.00	0.0949	pCi/L	103	75 - 125	0.54	1

Carrier	*LCSD %Yield*	*LCSD Qualifier*	*Limits*
Ba Carrier	*76.0*		*30 - 110*

Method: 9320 - Radium-228 (GFPC)

Lab Sample ID: MB 160-705316/1-A
Matrix: Water
Analysis Batch: 708686

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 705316

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.07654	U	0.344	0.344	1.00	0.661	pCi/L	02/28/25 08:15	03/20/25 12:52	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*85.3*		*30 - 110*	*02/28/25 08:15*	*03/20/25 12:52*	*1*
Y Carrier	*81.9*		*30 - 110*	*02/28/25 08:15*	*03/20/25 12:52*	*1*

Method: 9320 - Radium-228 (GFPC) (Continued)

Lab Sample ID: LCS 160-705316/2-A
Matrix: Water
Analysis Batch: 708582

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 705316

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			8.00	5.894		1.18	1.00	0.841	pCi/L	74	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*92.7*		*30 - 110*
Y Carrier	*80.4*		*30 - 110*

Lab Sample ID: 680-262176-J-2-B DU
Matrix: Water
Analysis Batch: 708686

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 705316

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-228	0.00785	U		0.04182	U	0.304	1.00	0.559	pCi/L			0.05	1

Carrier	*DU %Yield*	*DU Qualifier*	*Limits*
Ba Carrier	*91.6*		*30 - 110*
Y Carrier	*83.0*		*30 - 110*

QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-262184-2

Rad

Prep Batch: 705316

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262184-1	SCH-GWA-39	Total/NA	Water	PrecSep_0	
680-262184-2	SCH-GWA-40	Total/NA	Water	PrecSep_0	
MB 160-705316/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-705316/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
680-262176-J-2-B DU	Duplicate	Total/NA	Water	PrecSep_0	

Prep Batch: 709797

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262184-1	SCH-GWA-39	Total/NA	Water	PrecSep-21	
680-262184-2	SCH-GWA-40	Total/NA	Water	PrecSep-21	
MB 160-709797/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-709797/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
LCSD 160-709797/3-A	Lab Control Sample Dup	Total/NA	Water	PrecSep-21	

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-262184-2

Client Sample ID: SCH-GWA-39

Lab Sample ID: 680-262184-1

Date Collected: 02/24/25 13:25

Matrix: Water

Date Received: 02/25/25 11:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1004.02 mL	1.0 g	709797	03/28/25 07:36	OGC	EET SL
Total/NA	Analysis	9315		1			713556	04/21/25 15:17	SWS	EET SL
	Instrument ID: GFPCBLUE									
Total/NA	Prep	PrecSep_0			1008.83 mL	1.0 g	705316	02/28/25 08:15	OGC	EET SL
Total/NA	Analysis	9320		1			708582	03/20/25 14:15	FLC	EET SL
	Instrument ID: GFPCRED									
Total/NA	Analysis	Ra226_Ra228		1			713840	04/22/25 09:26	SCB	EET SL
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-GWA-40

Lab Sample ID: 680-262184-2

Date Collected: 02/24/25 15:35

Matrix: Water

Date Received: 02/25/25 11:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1000.36 mL	1.0 g	709797	03/28/25 07:36	OGC	EET SL
Total/NA	Analysis	9315		1			713556	04/21/25 15:17	SWS	EET SL
	Instrument ID: GFPCBLUE									
Total/NA	Prep	PrecSep_0			1002.58 mL	1.0 g	705316	02/28/25 08:15	OGC	EET SL
Total/NA	Analysis	9320		1	1.0 mL	1.0 mL	708582	03/20/25 14:16	FLC	EET SL
	Instrument ID: GFPCRED									
Total/NA	Analysis	Ra226_Ra228		1			713840	04/22/25 09:26	SCB	EET SL
	Instrument ID: NOEQUIP									

Laboratory References:

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Accreditation/Certification Summary

Client: Southern Company
Job ID: 680-262184-2
Project/Site: CCR - Plant Scherer Cell 3

Laboratory: Eurofins St. Louis

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87689	06-30-25

Method Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-262184-2

Method	Method Description	Protocol	Laboratory
9315	Radium-226 (GFPC)	SW846	EET SL
9320	Radium-228 (GFPC)	SW846	EET SL
Ra226_Ra228	Combined Radium-226 and Radium-228	TAL-STL	EET SL
PrecSep_0	Preparation, Precipitate Separation	None	EET SL
PrecSep-21	Preparation, Precipitate Separation (21-Day In-Growth)	None	EET SL

Protocol References:

None = None

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL-STL = TestAmerica Laboratories, St. Louis, Facility Standard Operating Procedure.

Laboratory References:

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Phone (912) 354-7858 Phone (912) 352-0165

Chain of Custody Record

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Client Information	Sampler(s): Mark Mann	Lab PM / Phone: David Fuller / 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: Joju Abraham	Site-Project Manager / Phone: Dawn Prell / 248-536-5445	E-Mail: David.Fuller@et.eurofinsus.com	State of Origin: GA	Page: Page 1 of 1
Company: Southern Company		Analysis Requested		Job #:
Address: 241 Ralph McGill Blvd SE B10185	Due Date Requested:			Preservation Codes: A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)
City: Atlanta	TAT Requested (days): 2 weeks			Other:
State, Zip: GA, 30308	Compliance Project: Δ Yes Δ No			
Phone:	Lab Project #: (DO NOT REMOVE) 68027798			Task_Code: SCH-CCR-ASSMT-2025S1
Email: JAbraham@southernco.com	Lab PO #: GPC82130-0006 / PO Line #5			Special Instructions/Notes:
Project Name: CCR - Plant Scherer Cell 3	Project #:			
Site:				

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C - Solids, Total Dissolved (TDS)	6020B - App III/IV, State (15) Metals + Cations (Mg, K, Na)	7470A - App IV Mercury	9315_Ra226 - Radium 226	9320_Ra228 - Radium 228	Ra226Ra228_GFPC - Combined Radium 226 and 228	2320B - Alkalinity, Total, Carb/Bicarb	Total Number of containers
			Preservation Code:				N	N	D	D	D	D	D		
SCH-GWA-39	2/24/25	13:25	G	WG	N	N	X	X	X	X	X	X	X	X	6
SCH-GWA-40	2/24/25	15:35	G	WG	N	N	X	X	X	X	X	X	X	X	6

680-262184 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by: | Date: | Time: | Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
MARK MANN/ [signature] / WSP	2/25/2025 830	WSP	[signature]	2/25/2025 830	COURIER NOW
Relinquished by:	Date/Time:	Company	Received by: [signature]	Date/Time: 2-25-25 1130	Company [signature]
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: 1.5/1.5

Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Phone: 912-354-7858 Fax: 912-352-0165

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Fuller, David	Carrier Tracking No(s): N/A	COC No: 680-795230.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: David.Fuller@et.eurofinsus.com	State of Origin: Georgia	Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Florida; State - Georgia		Job #: 680-262184-1
Address: 13715 Rider Trail North, ,	Due Date Requested: 3/7/2025	Analysis Requested		Preservation Codes: -
City: Earth City	TAT Requested (days): N/A			
State, Zip: MO, 63045				
Phone: 314-298-8566(Tel) 314-298-8757(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: CCR - Plant Scherer Cell 3	Project #: 68027798			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	9315_Ra226/PrecSep_21 Radium-226 (GFPC) - 21 day decay	9320_Ra228/PrecSep_0 Radium-228 (GFPC)	Ra226Ra228_GFPC/ Combined Radium-226 and Radium-228	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
SCH-GWA-39 (680-262184-1)	2/24/25	13:25 Eastern	G	Water			X	X	X	2	
SCH-GWA-40 (680-262184-2)	2/24/25	15:35 Eastern	G	Water			X	X	X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Southeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Southeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Southeast, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	2-26-25 1415		M. Pinette	FEB 27 2025 0825	
Relinquished by:	Date/Time:	Company	Received by: Meadow Pinette	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-262184-2

Login Number: 262184

List Source: Eurofins Savannah

List Number: 1

Creator: Sims, Robert D

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-262184-2

Login Number: 262184
List Number: 2
Creator: Pinette, Meadow L

List Source: Eurofins St. Louis
List Creation: 02/27/25 11:21 AM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	N/A	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

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ANALYTICAL REPORT

PREPARED FOR

Attn: Joju Abraham
Southern Company
241 Ralph McGill Blvd SE
B10185
Atlanta, Georgia 30308

Generated 3/11/2025 6:39:56 PM

JOB DESCRIPTION

CCR - Plant Scherer Cell 3

JOB NUMBER

680-262300-1

Eurofins Savannah
5102 LaRoche Avenue
Savannah GA 31404

See page two for job notes and contact information.

my EOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization



Generated
3/11/2025 6:39:56 PM

Authorized for release by
David Fuller, Project Manager
David.Fuller@et.eurofinsus.com
(770)344-8986

Definitions/Glossary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-262300-1

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Sample Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-262300-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-262300-1	SCH-GWC-30	Water	02/26/25 12:15	02/27/25 11:31
680-262300-2	SCH-GWC-36	Water	02/26/25 09:33	02/27/25 11:31
680-262300-3	SCH-GWA-41	Water	02/26/25 13:50	02/27/25 11:31
680-262300-4	SCH-GWA-42	Water	02/26/25 14:45	02/27/25 11:31
680-262300-5	SCH-GWA-43	Water	02/26/25 13:00	02/27/25 11:31
680-262300-6	SCH-GWA-44A	Water	02/26/25 10:44	02/27/25 11:31
680-262300-7	SCH-GWA-54	Water	02/26/25 12:00	02/27/25 11:31
680-262300-8	SCH-CELL3-EB-9	Water	02/26/25 09:40	02/27/25 11:31
680-262300-9	SCH-CELL3-FB-9	Water	02/26/25 10:30	02/27/25 11:31
680-262300-10	SCH-CELL3-EB-10	Water	02/26/25 13:23	02/27/25 11:31
680-262300-11	SCH-CELL3-FB-10	Water	02/26/25 09:25	02/27/25 11:31

Job ID: 680-262300-1 — Eurofins Savannah

Job Narrative
680-262300-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Receipt
The samples were received on 2/27/2025 11:31 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 5 coolers at receipt time were 0.9°C, 2.0°C, 2.1°C, 3.4°C and 4.2°C.

HPLC/IC
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
Method 2540C: A lesser volume of sample was used for the following samples due to the nature of the sample matrix resulting in elevated reporting limits: SCH-GWA-42 (680-262300-4) and SCH-GWA-43 (680-262300-5).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client Sample ID: SCH-GWC-30

Lab Sample ID: 680-262300-1

Date Collected: 02/26/25 12:15

Matrix: Water

Date Received: 02/27/25 11:31

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**15**		2.0	0.80	mg/L			03/07/25 19:47	2
Fluoride	<0.080		0.20	0.080	mg/L			03/07/25 19:47	2
Chloride	**16**		2.0	0.40	mg/L			03/07/25 19:47	2

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/28/25 04:52	03/03/25 15:19	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/28/25 04:52	03/03/25 15:19	1
Barium	**0.027**		0.010	0.00089	mg/L		02/28/25 04:52	03/03/25 15:19	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/28/25 04:52	03/04/25 13:54	1
Boron	<0.022		0.080	0.022	mg/L		02/28/25 04:52	03/03/25 15:19	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/28/25 04:52	03/03/25 15:19	1
Calcium	**20**		0.50	0.14	mg/L		02/28/25 04:52	03/03/25 15:19	1
Chromium	**0.0034**		0.0020	0.0012	mg/L		02/28/25 04:52	03/03/25 15:19	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/28/25 04:52	03/03/25 15:19	1
Copper	**0.0016**	**J**	0.0020	0.0011	mg/L		02/28/25 04:52	03/03/25 15:19	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/28/25 04:52	03/03/25 15:19	1
Lithium	**0.0029**	**J**	0.0050	0.0020	mg/L		02/28/25 04:52	03/04/25 13:54	1
Magnesium	**10**		0.50	0.023	mg/L		02/28/25 04:52	03/03/25 15:19	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/28/25 04:52	03/03/25 15:19	1
Nickel	**0.0013**		0.0010	0.00042	mg/L		02/28/25 04:52	03/03/25 15:19	1
Potassium	**1.1**		0.50	0.044	mg/L		02/28/25 04:52	03/03/25 15:19	1
Selenium	**0.0024**	**J**	0.0050	0.00099	mg/L		02/28/25 04:52	03/03/25 15:19	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/28/25 04:52	03/03/25 15:19	1
Sodium	**10**		0.50	0.20	mg/L		02/28/25 04:52	03/03/25 15:19	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/28/25 04:52	03/03/25 15:19	1
Vanadium	**0.015**		0.0020	0.00063	mg/L		02/28/25 04:52	03/03/25 15:19	1
Zinc	**0.0030**	**J**	0.0050	0.0028	mg/L		02/28/25 04:52	03/03/25 15:19	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/11/25 11:25	03/11/25 14:40	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**92**		5.0	2.2	mg/L			02/28/25 23:45	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**92**		5.0	2.2	mg/L			02/28/25 23:45	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/28/25 23:45	1
Total Dissolved Solids (SM 2540C-2011)	**150**		10	10	mg/L			03/05/25 11:26	1

Client Sample ID: SCH-GWC-36

Lab Sample ID: 680-262300-2

Date Collected: 02/26/25 09:33

Matrix: Water

Date Received: 02/27/25 11:31

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.40		1.0	0.40	mg/L			03/07/25 19:57	1
Fluoride	<0.040		0.10	0.040	mg/L			03/07/25 19:57	1

Client Sample ID: SCH-GWC-36

Lab Sample ID: 680-262300-2

Date Collected: 02/26/25 09:33

Matrix: Water

Date Received: 02/27/25 11:31

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**6.8**		1.0	0.20	mg/L			03/07/25 19:57	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/28/25 04:52	03/03/25 15:17	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/28/25 04:52	03/03/25 15:17	1
Barium	**0.056**		0.010	0.00089	mg/L		02/28/25 04:52	03/03/25 15:17	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/28/25 04:52	03/04/25 13:52	1
Boron	<0.022		0.080	0.022	mg/L		02/28/25 04:52	03/03/25 15:17	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/28/25 04:52	03/03/25 15:17	1
Calcium	**13**		0.50	0.14	mg/L		02/28/25 04:52	03/03/25 15:17	1
Chromium	**0.017**		0.0020	0.0012	mg/L		02/28/25 04:52	03/03/25 15:17	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/28/25 04:52	03/03/25 15:17	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/28/25 04:52	03/03/25 15:17	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/28/25 04:52	03/03/25 15:17	1
Lithium	<0.0020		0.0050	0.0020	mg/L		02/28/25 04:52	03/04/25 13:52	1
Magnesium	**11**		0.50	0.023	mg/L		02/28/25 04:52	03/03/25 15:17	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/28/25 04:52	03/03/25 15:17	1
Nickel	**0.0018**		0.0010	0.00042	mg/L		02/28/25 04:52	03/03/25 15:17	1
Potassium	**1.0**		0.50	0.044	mg/L		02/28/25 04:52	03/03/25 15:17	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/28/25 04:52	03/03/25 15:17	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/28/25 04:52	03/03/25 15:17	1
Sodium	**4.4**		0.50	0.20	mg/L		02/28/25 04:52	03/03/25 15:17	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/28/25 04:52	03/03/25 15:17	1
Vanadium	**0.0059**		0.0020	0.00063	mg/L		02/28/25 04:52	03/03/25 15:17	1
Zinc	**0.0059**		0.0050	0.0028	mg/L		02/28/25 04:52	03/03/25 15:17	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/07/25 12:30	03/07/25 17:34	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**71**		5.0	2.2	mg/L			02/28/25 23:36	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**71**		5.0	2.2	mg/L			02/28/25 23:36	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/28/25 23:36	1
Total Dissolved Solids (SM 2540C-2011)	**100**		10	10	mg/L			03/05/25 11:26	1

Client Sample ID: SCH-GWA-41

Lab Sample ID: 680-262300-3

Date Collected: 02/26/25 13:50

Matrix: Water

Date Received: 02/27/25 11:31

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.40		1.0	0.40	mg/L			03/07/25 20:07	1
Fluoride	<0.040		0.10	0.040	mg/L			03/07/25 20:07	1
Chloride	**3.3**		1.0	0.20	mg/L			03/07/25 20:07	1

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-262300-1

Client Sample ID: SCH-GWA-41

Lab Sample ID: 680-262300-3

Date Collected: 02/26/25 13:50

Matrix: Water

Date Received: 02/27/25 11:31

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/28/25 04:52	03/03/25 15:15	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/28/25 04:52	03/03/25 15:15	1
Barium	**0.017**		0.010	0.00089	mg/L		02/28/25 04:52	03/03/25 15:15	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/28/25 04:52	03/04/25 13:50	1
Boron	**0.022**	**J**	0.080	0.022	mg/L		02/28/25 04:52	03/03/25 15:15	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/28/25 04:52	03/03/25 15:15	1
Calcium	**16**		0.50	0.14	mg/L		02/28/25 04:52	03/03/25 15:15	1
Chromium	**0.0059**		0.0020	0.0012	mg/L		02/28/25 04:52	03/03/25 15:15	1
Cobalt	**0.00067**	**J**	0.0025	0.00022	mg/L		02/28/25 04:52	03/03/25 15:15	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/28/25 04:52	03/03/25 15:15	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/28/25 04:52	03/03/25 15:15	1
Lithium	<0.0020		0.0050	0.0020	mg/L		02/28/25 04:52	03/04/25 13:50	1
Magnesium	**6.6**		0.50	0.023	mg/L		02/28/25 04:52	03/03/25 15:15	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/28/25 04:52	03/03/25 15:15	1
Nickel	**0.0014**		0.0010	0.00042	mg/L		02/28/25 04:52	03/03/25 15:15	1
Potassium	**0.64**		0.50	0.044	mg/L		02/28/25 04:52	03/03/25 15:15	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/28/25 04:52	03/03/25 15:15	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/28/25 04:52	03/03/25 15:15	1
Sodium	**11**		0.50	0.20	mg/L		02/28/25 04:52	03/03/25 15:15	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/28/25 04:52	03/03/25 15:15	1
Vanadium	**0.012**		0.0020	0.00063	mg/L		02/28/25 04:52	03/03/25 15:15	1
Zinc	**0.0087**		0.0050	0.0028	mg/L		02/28/25 04:52	03/03/25 15:15	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/07/25 12:30	03/07/25 17:37	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**87**		5.0	2.2	mg/L			02/28/25 23:27	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**87**		5.0	2.2	mg/L			02/28/25 23:27	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/28/25 23:27	1
Total Dissolved Solids (SM 2540C-2011)	**140**		10	10	mg/L			03/05/25 11:26	1

Client Sample ID: SCH-GWA-42

Lab Sample ID: 680-262300-4

Date Collected: 02/26/25 14:45

Matrix: Water

Date Received: 02/27/25 11:31

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**0.69**	**J**	1.0	0.40	mg/L			03/07/25 20:16	1
Fluoride	<0.040		0.10	0.040	mg/L			03/07/25 20:16	1
Chloride	**3.8**		1.0	0.20	mg/L			03/07/25 20:16	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/28/25 04:52	03/03/25 14:17	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/28/25 04:52	03/03/25 14:17	1

Client Sample ID: SCH-GWA-42

Lab Sample ID: 680-262300-4

Date Collected: 02/26/25 14:45

Matrix: Water

Date Received: 02/27/25 11:31

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	**0.089**		0.010	0.00089	mg/L		02/28/25 04:52	03/03/25 14:17	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/28/25 04:52	03/03/25 14:17	1
Boron	**0.040**	**J**	0.080	0.022	mg/L		02/28/25 04:52	03/03/25 14:17	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/28/25 04:52	03/03/25 14:17	1
Calcium	**25**		0.50	0.14	mg/L		02/28/25 04:52	03/03/25 14:17	1
Chromium	**0.0041**		0.0020	0.0012	mg/L		02/28/25 04:52	03/03/25 14:17	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/28/25 04:52	03/03/25 14:17	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/28/25 04:52	03/03/25 14:17	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/28/25 04:52	03/03/25 14:17	1
Lithium	**0.0044**	**J B**	0.0050	0.0020	mg/L		02/28/25 04:52	03/04/25 15:10	1
Magnesium	**13**	**F1**	0.50	0.023	mg/L		02/28/25 04:52	03/03/25 14:17	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/28/25 04:52	03/03/25 14:17	1
Nickel	**0.0023**		0.0010	0.00042	mg/L		02/28/25 04:52	03/03/25 14:17	1
Potassium	**1.4**		0.50	0.044	mg/L		02/28/25 04:52	03/03/25 14:17	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/28/25 04:52	03/03/25 14:17	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/28/25 04:52	03/03/25 14:17	1
Sodium	**14**	**F1**	0.50	0.20	mg/L		02/28/25 04:52	03/03/25 14:17	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/28/25 04:52	03/03/25 14:17	1
Vanadium	**0.014**		0.0020	0.00063	mg/L		02/28/25 04:52	03/03/25 14:17	1
Zinc	**0.0035**	**J**	0.0050	0.0028	mg/L		02/28/25 04:52	03/03/25 14:17	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/07/25 12:30	03/07/25 17:20	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**130**		5.0	2.2	mg/L			03/03/25 20:23	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**130**		5.0	2.2	mg/L			03/03/25 20:23	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			03/03/25 20:23	1
Total Dissolved Solids (SM 2540C-2011)	**180**		40	40	mg/L			03/05/25 11:26	1

Client Sample ID: SCH-GWA-43

Lab Sample ID: 680-262300-5

Date Collected: 02/26/25 13:00

Matrix: Water

Date Received: 02/27/25 11:31

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.40		1.0	0.40	mg/L			03/07/25 20:26	1
Fluoride	<0.040		0.10	0.040	mg/L			03/07/25 20:26	1
Chloride	**5.2**		1.0	0.20	mg/L			03/07/25 20:26	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/28/25 04:52	03/03/25 14:23	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/28/25 04:52	03/03/25 14:23	1
Barium	**0.050**		0.010	0.00089	mg/L		02/28/25 04:52	03/03/25 14:23	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/28/25 04:52	03/03/25 14:23	1

Client Sample ID: SCH-GWA-43

Lab Sample ID: 680-262300-5

Date Collected: 02/26/25 13:00

Matrix: Water

Date Received: 02/27/25 11:31

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**0.035**	**J**	0.080	0.022	mg/L		02/28/25 04:52	03/03/25 14:23	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/28/25 04:52	03/03/25 14:23	1
Calcium	**27**		0.50	0.14	mg/L		02/28/25 04:52	03/03/25 14:23	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/28/25 04:52	03/03/25 14:23	1
Cobalt	**0.0079**		0.0025	0.00022	mg/L		02/28/25 04:52	03/03/25 14:23	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/28/25 04:52	03/03/25 14:23	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/28/25 04:52	03/03/25 14:23	1
Lithium	<0.0020		0.0050	0.0020	mg/L		02/28/25 04:52	03/04/25 15:16	1
Magnesium	**15**		0.50	0.023	mg/L		02/28/25 04:52	03/03/25 14:23	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/28/25 04:52	03/03/25 14:23	1
Nickel	**0.0025**		0.0010	0.00042	mg/L		02/28/25 04:52	03/03/25 14:23	1
Potassium	**1.1**		0.50	0.044	mg/L		02/28/25 04:52	03/03/25 14:23	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/28/25 04:52	03/03/25 14:23	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/28/25 04:52	03/03/25 14:23	1
Sodium	**15**		0.50	0.20	mg/L		02/28/25 04:52	03/03/25 14:23	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/28/25 04:52	03/03/25 14:23	1
Vanadium	**0.0059**		0.0020	0.00063	mg/L		02/28/25 04:52	03/03/25 14:23	1
Zinc	**0.0033**	**J**	0.0050	0.0028	mg/L		02/28/25 04:52	03/03/25 14:23	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/07/25 12:30	03/07/25 17:23	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**180**		5.0	2.2	mg/L			03/03/25 17:55	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**180**		5.0	2.2	mg/L			03/03/25 17:55	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			03/03/25 17:55	1
Total Dissolved Solids (SM 2540C-2011)	**180**		40	40	mg/L			03/05/25 11:26	1

Client Sample ID: SCH-GWA-44A

Lab Sample ID: 680-262300-6

Date Collected: 02/26/25 10:44

Matrix: Water

Date Received: 02/27/25 11:31

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**2.4**		1.0	0.40	mg/L			03/07/25 20:55	1
Fluoride	<0.040		0.10	0.040	mg/L			03/07/25 20:55	1
Chloride	**6.9**		1.0	0.20	mg/L			03/07/25 20:55	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/28/25 04:52	03/03/25 15:28	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/28/25 04:52	03/03/25 15:28	1
Barium	**0.040**		0.010	0.00089	mg/L		02/28/25 04:52	03/03/25 15:28	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/28/25 04:52	03/04/25 14:05	1
Boron	<0.022		0.080	0.022	mg/L		02/28/25 04:52	03/03/25 15:28	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/28/25 04:52	03/03/25 15:28	1

Client Sample ID: SCH-GWA-44A

Lab Sample ID: 680-262300-6

Date Collected: 02/26/25 10:44

Matrix: Water

Date Received: 02/27/25 11:31

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**19**		0.50	0.14	mg/L		02/28/25 04:52	03/03/25 15:28	1
Chromium	**0.0066**		0.0020	0.0012	mg/L		02/28/25 04:52	03/03/25 15:28	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/28/25 04:52	03/03/25 15:28	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/28/25 04:52	03/03/25 15:28	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/28/25 04:52	03/03/25 15:28	1
Lithium	<0.0020		0.0050	0.0020	mg/L		02/28/25 04:52	03/04/25 14:05	1
Magnesium	**8.6**		0.50	0.023	mg/L		02/28/25 04:52	03/03/25 15:28	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/28/25 04:52	03/03/25 15:28	1
Nickel	**0.00050**	**J**	0.0010	0.00042	mg/L		02/28/25 04:52	03/03/25 15:28	1
Potassium	**1.4**		0.50	0.044	mg/L		02/28/25 04:52	03/03/25 15:28	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/28/25 04:52	03/03/25 15:28	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/28/25 04:52	03/03/25 15:28	1
Sodium	**6.9**		0.50	0.20	mg/L		02/28/25 04:52	03/03/25 15:28	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/28/25 04:52	03/03/25 15:28	1
Vanadium	**0.013**		0.0020	0.00063	mg/L		02/28/25 04:52	03/03/25 15:28	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/28/25 04:52	03/03/25 15:28	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/07/25 12:30	03/07/25 17:39	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**92**		5.0	2.2	mg/L			03/03/25 18:04	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**92**		5.0	2.2	mg/L			03/03/25 18:04	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			03/03/25 18:04	1
Total Dissolved Solids (SM 2540C-2011)	**140**		10	10	mg/L			03/05/25 11:26	1

Client Sample ID: SCH-GWA-54

Lab Sample ID: 680-262300-7

Date Collected: 02/26/25 12:00

Matrix: Water

Date Received: 02/27/25 11:31

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**3.3**		1.0	0.40	mg/L			03/07/25 21:25	1
Fluoride	<0.040		0.10	0.040	mg/L			03/07/25 21:25	1
Chloride	**3.3**		1.0	0.20	mg/L			03/07/25 21:25	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/28/25 04:52	03/03/25 14:27	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/28/25 04:52	03/03/25 14:27	1
Barium	**0.097**		0.010	0.00089	mg/L		02/28/25 04:52	03/03/25 14:27	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/28/25 04:52	03/03/25 14:27	1
Boron	**0.022**	**J**	0.080	0.022	mg/L		02/28/25 04:52	03/03/25 14:27	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/28/25 04:52	03/03/25 14:27	1
Calcium	**9.4**		0.50	0.14	mg/L		02/28/25 04:52	03/03/25 14:27	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/28/25 04:52	03/03/25 14:27	1

Client Sample ID: SCH-GWA-54

Lab Sample ID: 680-262300-7

Date Collected: 02/26/25 12:00

Matrix: Water

Date Received: 02/27/25 11:31

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	**0.0022**	**J**	0.0025	0.00022	mg/L		02/28/25 04:52	03/03/25 14:27	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/28/25 04:52	03/03/25 14:27	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/28/25 04:52	03/03/25 14:27	1
Lithium	**0.0034**	**J B**	0.0050	0.0020	mg/L		02/28/25 04:52	03/04/25 15:20	1
Magnesium	**3.4**		0.50	0.023	mg/L		02/28/25 04:52	03/03/25 14:27	1
Molybdenum	**0.0020**	**J**	0.015	0.00086	mg/L		02/28/25 04:52	03/03/25 14:27	1
Nickel	**0.00098**	**J**	0.0010	0.00042	mg/L		02/28/25 04:52	03/03/25 14:27	1
Potassium	**2.9**		0.50	0.044	mg/L		02/28/25 04:52	03/03/25 14:27	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/28/25 04:52	03/03/25 14:27	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/28/25 04:52	03/03/25 14:27	1
Sodium	**12**		0.50	0.20	mg/L		02/28/25 04:52	03/03/25 14:27	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/28/25 04:52	03/03/25 14:27	1
Vanadium	**0.0066**		0.0020	0.00063	mg/L		02/28/25 04:52	03/03/25 14:27	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/28/25 04:52	03/03/25 14:27	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/07/25 12:30	03/07/25 17:44	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**67**		5.0	2.2	mg/L			03/03/25 20:53	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**67**		5.0	2.2	mg/L			03/03/25 20:53	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			03/03/25 20:53	1
Total Dissolved Solids (SM 2540C-2011)	**120**		10	10	mg/L			03/05/25 11:26	1

Client Sample ID: SCH-CELL3-EB-9

Lab Sample ID: 680-262300-8

Date Collected: 02/26/25 09:40

Matrix: Water

Date Received: 02/27/25 11:31

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.40		1.0	0.40	mg/L			03/07/25 21:34	1
Fluoride	<0.040		0.10	0.040	mg/L			03/07/25 21:34	1
Chloride	<0.20		1.0	0.20	mg/L			03/07/25 21:34	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/28/25 04:52	03/03/25 15:21	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/28/25 04:52	03/03/25 15:21	1
Barium	<0.00089		0.010	0.00089	mg/L		02/28/25 04:52	03/03/25 15:21	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/28/25 04:52	03/04/25 13:56	1
Boron	<0.022		0.080	0.022	mg/L		02/28/25 04:52	03/03/25 15:21	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/28/25 04:52	03/03/25 15:21	1
Calcium	<0.14		0.50	0.14	mg/L		02/28/25 04:52	03/03/25 15:21	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/28/25 04:52	03/03/25 15:21	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/28/25 04:52	03/03/25 15:21	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/28/25 04:52	03/03/25 15:21	1

Client Sample ID: SCH-CELL3-EB-9

Lab Sample ID: 680-262300-8

Date Collected: 02/26/25 09:40

Matrix: Water

Date Received: 02/27/25 11:31

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	<0.00021		0.0010	0.00021	mg/L		02/28/25 04:52	03/03/25 15:21	1
Lithium	<0.0020		0.0050	0.0020	mg/L		02/28/25 04:52	03/04/25 13:56	1
Magnesium	<0.023		0.50	0.023	mg/L		02/28/25 04:52	03/03/25 15:21	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/28/25 04:52	03/03/25 15:21	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/28/25 04:52	03/03/25 15:21	1
Potassium	<0.044		0.50	0.044	mg/L		02/28/25 04:52	03/03/25 15:21	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/28/25 04:52	03/03/25 15:21	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/28/25 04:52	03/03/25 15:21	1
Sodium	<0.20		0.50	0.20	mg/L		02/28/25 04:52	03/03/25 15:21	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/28/25 04:52	03/03/25 15:21	1
Vanadium	**0.0046**		0.0020	0.00063	mg/L		02/28/25 04:52	03/03/25 15:21	1
Zinc	**0.0046**	**J**	0.0050	0.0028	mg/L		02/28/25 04:52	03/03/25 15:21	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/11/25 11:25	03/11/25 14:33	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			03/03/25 20:44	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			03/03/25 20:44	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			03/03/25 20:44	1
Total Dissolved Solids (SM 2540C-2011)	<10		10	10	mg/L			03/05/25 11:26	1

Client Sample ID: SCH-CELL3-FB-9

Lab Sample ID: 680-262300-9

Date Collected: 02/26/25 10:30

Matrix: Water

Date Received: 02/27/25 11:31

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.40		1.0	0.40	mg/L			03/07/25 21:44	1
Fluoride	<0.040		0.10	0.040	mg/L			03/07/25 21:44	1
Chloride	<0.20		1.0	0.20	mg/L			03/07/25 21:44	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/28/25 04:52	03/03/25 15:23	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/28/25 04:52	03/03/25 15:23	1
Barium	<0.00089		0.010	0.00089	mg/L		02/28/25 04:52	03/03/25 15:23	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/28/25 04:52	03/04/25 13:59	1
Boron	<0.022		0.080	0.022	mg/L		02/28/25 04:52	03/03/25 15:23	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/28/25 04:52	03/03/25 15:23	1
Calcium	<0.14		0.50	0.14	mg/L		02/28/25 04:52	03/03/25 15:23	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/28/25 04:52	03/03/25 15:23	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/28/25 04:52	03/03/25 15:23	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/28/25 04:52	03/03/25 15:23	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/28/25 04:52	03/03/25 15:23	1
Lithium	**0.0052**		0.0050	0.0020	mg/L		02/28/25 04:52	03/04/25 13:59	1

Client Sample ID: SCH-CELL3-FB-9

Lab Sample ID: 680-262300-9

Date Collected: 02/26/25 10:30

Matrix: Water

Date Received: 02/27/25 11:31

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Magnesium	<0.023		0.50	0.023	mg/L		02/28/25 04:52	03/03/25 15:23	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/28/25 04:52	03/03/25 15:23	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/28/25 04:52	03/03/25 15:23	1
Potassium	<0.044		0.50	0.044	mg/L		02/28/25 04:52	03/03/25 15:23	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/28/25 04:52	03/03/25 15:23	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/28/25 04:52	03/03/25 15:23	1
Sodium	<0.20		0.50	0.20	mg/L		02/28/25 04:52	03/03/25 15:23	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/28/25 04:52	03/03/25 15:23	1
Vanadium	**0.0044**		0.0020	0.00063	mg/L		02/28/25 04:52	03/03/25 15:23	1
Zinc	**0.0033**	**J**	0.0050	0.0028	mg/L		02/28/25 04:52	03/03/25 15:23	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/07/25 12:30	03/07/25 17:25	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			03/03/25 20:39	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			03/03/25 20:39	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			03/03/25 20:39	1
Total Dissolved Solids (SM 2540C-2011)	<10		10	10	mg/L			03/05/25 11:26	1

Client Sample ID: SCH-CELL3-EB-10

Lab Sample ID: 680-262300-10

Date Collected: 02/26/25 13:23

Matrix: Water

Date Received: 02/27/25 11:31

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.40		1.0	0.40	mg/L			03/07/25 21:54	1
Fluoride	<0.040		0.10	0.040	mg/L			03/07/25 21:54	1
Chloride	<0.20		1.0	0.20	mg/L			03/07/25 21:54	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/28/25 04:52	03/03/25 15:30	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/28/25 04:52	03/03/25 15:30	1
Barium	<0.00089		0.010	0.00089	mg/L		02/28/25 04:52	03/03/25 15:30	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/28/25 04:52	03/04/25 14:07	1
Boron	<0.022		0.080	0.022	mg/L		02/28/25 04:52	03/03/25 15:30	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/28/25 04:52	03/03/25 15:30	1
Calcium	<0.14		0.50	0.14	mg/L		02/28/25 04:52	03/03/25 15:30	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/28/25 04:52	03/03/25 15:30	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/28/25 04:52	03/03/25 15:30	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/28/25 04:52	03/03/25 15:30	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/28/25 04:52	03/03/25 15:30	1
Lithium	**0.0020**	**J**	0.0050	0.0020	mg/L		02/28/25 04:52	03/04/25 14:07	1
Magnesium	**0.025**	**J**	0.50	0.023	mg/L		02/28/25 04:52	03/03/25 15:30	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/28/25 04:52	03/03/25 15:30	1

Client Sample ID: SCH-CELL3-EB-10

Lab Sample ID: 680-262300-10

Date Collected: 02/26/25 13:23

Matrix: Water

Date Received: 02/27/25 11:31

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	<0.00042		0.0010	0.00042	mg/L		02/28/25 04:52	03/03/25 15:30	1
Potassium	<0.044		0.50	0.044	mg/L		02/28/25 04:52	03/03/25 15:30	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/28/25 04:52	03/03/25 15:30	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/28/25 04:52	03/03/25 15:30	1
Sodium	<0.20		0.50	0.20	mg/L		02/28/25 04:52	03/03/25 15:30	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/28/25 04:52	03/03/25 15:30	1
Vanadium	**0.0042**		0.0020	0.00063	mg/L		02/28/25 04:52	03/03/25 15:30	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/28/25 04:52	03/03/25 15:30	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/07/25 12:30	03/07/25 17:41	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			03/03/25 18:10	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			03/03/25 18:10	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			03/03/25 18:10	1
Total Dissolved Solids (SM 2540C-2011)	<10		10	10	mg/L			03/05/25 11:26	1

Client Sample ID: SCH-CELL3-FB-10

Lab Sample ID: 680-262300-11

Date Collected: 02/26/25 09:25

Matrix: Water

Date Received: 02/27/25 11:31

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.40		1.0	0.40	mg/L			03/07/25 22:04	1
Fluoride	<0.040		0.10	0.040	mg/L			03/07/25 22:04	1
Chloride	<0.20		1.0	0.20	mg/L			03/07/25 22:04	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/28/25 04:52	03/03/25 14:25	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/28/25 04:52	03/03/25 14:25	1
Barium	<0.00089		0.010	0.00089	mg/L		02/28/25 04:52	03/03/25 14:25	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/28/25 04:52	03/03/25 14:25	1
Boron	**0.022**	**J**	0.080	0.022	mg/L		02/28/25 04:52	03/03/25 14:25	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/28/25 04:52	03/03/25 14:25	1
Calcium	<0.14		0.50	0.14	mg/L		02/28/25 04:52	03/03/25 14:25	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/28/25 04:52	03/03/25 14:25	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/28/25 04:52	03/03/25 14:25	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/28/25 04:52	03/03/25 14:25	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/28/25 04:52	03/03/25 14:25	1
Lithium	<0.0020		0.0050	0.0020	mg/L		02/28/25 04:52	03/04/25 15:18	1
Magnesium	<0.023		0.50	0.023	mg/L		02/28/25 04:52	03/03/25 14:25	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/28/25 04:52	03/03/25 14:25	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/28/25 04:52	03/03/25 14:25	1
Potassium	<0.044		0.50	0.044	mg/L		02/28/25 04:52	03/03/25 14:25	1

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-262300-1

Client Sample ID: SCH-CELL3-FB-10
Date Collected: 02/26/25 09:25
Date Received: 02/27/25 11:31

Lab Sample ID: 680-262300-11
Matrix: Water

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	<0.00099		0.0050	0.00099	mg/L		02/28/25 04:52	03/03/25 14:25	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/28/25 04:52	03/03/25 14:25	1
Sodium	<0.20		0.50	0.20	mg/L		02/28/25 04:52	03/03/25 14:25	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/28/25 04:52	03/03/25 14:25	1
Vanadium	**0.0058**		0.0020	0.00063	mg/L		02/28/25 04:52	03/03/25 14:25	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/28/25 04:52	03/03/25 14:25	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/07/25 12:30	03/07/25 17:32	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			03/03/25 18:15	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			03/03/25 18:15	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			03/03/25 18:15	1
Total Dissolved Solids (SM 2540C-2011)	<10		10	10	mg/L			03/05/25 11:26	1

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography

Lab Sample ID: MB 680-878140/48
Matrix: Water
Analysis Batch: 878140

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.40		1.0	0.40	mg/L			03/07/25 17:50	1
Fluoride	<0.040		0.10	0.040	mg/L			03/07/25 17:50	1
Chloride	<0.20		1.0	0.20	mg/L			03/07/25 17:50	1

Lab Sample ID: LCS 680-878140/49
Matrix: Water
Analysis Batch: 878140

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfate			10.0	10.9		mg/L		109	90 - 110		
Fluoride			2.00	2.13		mg/L		107	90 - 110		
Chloride			10.0	10.8		mg/L		108	90 - 110		

Lab Sample ID: LCSD 680-878140/50
Matrix: Water
Analysis Batch: 878140

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate			10.0	10.9		mg/L		109	90 - 110	1	15
Fluoride			2.00	2.06		mg/L		103	90 - 110	3	15
Chloride			10.0	10.1		mg/L		101	90 - 110	7	15

Lab Sample ID: 680-262300-6 MS
Matrix: Water
Analysis Batch: 878140

Client Sample ID: SCH-GWA-44A
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfate	2.4		10.0	13.2		mg/L		108	80 - 120		
Fluoride	<0.040		2.00	1.93		mg/L		97	80 - 120		
Chloride	6.9		10.0	17.0		mg/L		102	80 - 120		

Lab Sample ID: 680-262300-6 MSD
Matrix: Water
Analysis Batch: 878140

Client Sample ID: SCH-GWA-44A
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	2.4		10.0	13.5		mg/L		110	80 - 120	2	15
Fluoride	<0.040		2.00	1.90		mg/L		95	80 - 120	2	15
Chloride	6.9		10.0	16.9		mg/L		100	80 - 120	1	15

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 680-877298/1-A
Matrix: Water
Analysis Batch: 877677

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 877298

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/28/25 04:52	03/04/25 09:07	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/28/25 04:52	03/04/25 09:07	1
Barium	<0.00089		0.010	0.00089	mg/L		02/28/25 04:52	03/04/25 09:07	1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 680-877298/1-A
Matrix: Water
Analysis Batch: 877677

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 877298

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/28/25 04:52	03/04/25 09:07	1
Boron	<0.022		0.080	0.022	mg/L		02/28/25 04:52	03/04/25 09:07	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/28/25 04:52	03/04/25 09:07	1
Calcium	<0.14		0.50	0.14	mg/L		02/28/25 04:52	03/04/25 09:07	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/28/25 04:52	03/04/25 09:07	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/28/25 04:52	03/04/25 09:07	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/28/25 04:52	03/04/25 09:07	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/28/25 04:52	03/04/25 09:07	1
Magnesium	<0.023		0.50	0.023	mg/L		02/28/25 04:52	03/04/25 09:07	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/28/25 04:52	03/04/25 09:07	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/28/25 04:52	03/04/25 09:07	1
Potassium	<0.044		0.50	0.044	mg/L		02/28/25 04:52	03/04/25 09:07	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/28/25 04:52	03/04/25 09:07	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/28/25 04:52	03/04/25 09:07	1
Sodium	<0.20		0.50	0.20	mg/L		02/28/25 04:52	03/04/25 09:07	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/28/25 04:52	03/04/25 09:07	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/28/25 04:52	03/04/25 09:07	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/28/25 04:52	03/04/25 09:07	1

Lab Sample ID: MB 680-877298/1-A
Matrix: Water
Analysis Batch: 877797

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 877298

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.00282	J	0.0050	0.0020	mg/L		02/28/25 04:52	03/04/25 15:06	1

Lab Sample ID: LCS 680-877298/2-A
Matrix: Water
Analysis Batch: 877677

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 877298

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.0500	0.0537		mg/L		107	80 - 120
Arsenic	0.100	0.111		mg/L		111	80 - 120
Barium	0.100	0.104		mg/L		104	80 - 120
Beryllium	0.0500	0.0589		mg/L		118	80 - 120
Boron	0.400	0.431		mg/L		108	80 - 120
Cadmium	0.0500	0.0572		mg/L		114	80 - 120
Calcium	5.00	5.23		mg/L		105	80 - 120
Chromium	0.100	0.114		mg/L		114	80 - 120
Cobalt	0.0500	0.0531		mg/L		106	80 - 120
Copper	0.101	0.107		mg/L		105	80 - 120
Lead	0.500	0.564		mg/L		113	80 - 120
Magnesium	5.00	4.78		mg/L		96	80 - 120
Molybdenum	0.100	0.108		mg/L		108	80 - 120
Nickel	0.100	0.103		mg/L		103	80 - 120
Potassium	7.00	7.39		mg/L		106	80 - 120
Selenium	0.100	0.107		mg/L		107	80 - 120
Silver	0.0500	0.0577		mg/L		115	80 - 120
Sodium	5.00	5.25		mg/L		105	80 - 120

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 680-877298/2-A
Matrix: Water
Analysis Batch: 877677

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 877298

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Thallium	0.0500	0.0539		mg/L		108	80 - 120
Vanadium	0.100	0.115		mg/L		115	80 - 120
Zinc	0.100	0.106		mg/L		106	80 - 120

Lab Sample ID: LCS 680-877298/2-A
Matrix: Water
Analysis Batch: 877797

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 877298

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	0.500	0.494		mg/L		99	80 - 120

Lab Sample ID: 680-262300-4 MS
Matrix: Water
Analysis Batch: 877677

Client Sample ID: SCH-GWA-42
Prep Type: Total Recoverable
Prep Batch: 877298

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.00034		0.0500	0.0508		mg/L		102	75 - 125
Arsenic	<0.00086		0.100	0.105		mg/L		105	75 - 125
Barium	0.089		0.100	0.172		mg/L		83	75 - 125
Beryllium	<0.00020		0.0500	0.0564		mg/L		113	75 - 125
Boron	0.040	J	0.400	0.434		mg/L		98	75 - 125
Cadmium	<0.000078		0.0500	0.0549		mg/L		110	75 - 125
Calcium	25		5.00	25.9	4	mg/L		24	75 - 125
Chromium	0.0041		0.100	0.110		mg/L		105	75 - 125
Cobalt	<0.00022		0.0500	0.0509		mg/L		102	75 - 125
Copper	<0.0011		0.101	0.101		mg/L		100	75 - 125
Lead	<0.00021		0.500	0.530		mg/L		106	75 - 125
Magnesium	13	F1	5.00	15.9	F1	mg/L		53	75 - 125
Molybdenum	<0.00086		0.100	0.104		mg/L		104	75 - 125
Nickel	0.0023		0.100	0.100		mg/L		98	75 - 125
Potassium	1.4		7.00	8.35		mg/L		99	75 - 125
Selenium	<0.00099		0.100	0.113		mg/L		113	75 - 125
Silver	<0.00039		0.0500	0.0550		mg/L		110	75 - 125
Sodium	14	F1	5.00	16.2	F1	mg/L		45	75 - 125
Thallium	<0.00026		0.0500	0.0510		mg/L		102	75 - 125
Vanadium	0.014		0.100	0.119		mg/L		105	75 - 125
Zinc	0.0035	J	0.100	0.105		mg/L		101	75 - 125

Lab Sample ID: 680-262300-4 MS
Matrix: Water
Analysis Batch: 877797

Client Sample ID: SCH-GWA-42
Prep Type: Total Recoverable
Prep Batch: 877298

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	0.0044	J B	0.500	0.503		mg/L		100	75 - 125

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 680-262300-4 MSD
Matrix: Water
Analysis Batch: 877677

Client Sample ID: SCH-GWA-42
Prep Type: Total Recoverable
Prep Batch: 877298

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.00034		0.0500	0.0511		mg/L		102	75 - 125	1	20
Arsenic	<0.00086		0.100	0.106		mg/L		106	75 - 125	1	20
Barium	0.089		0.100	0.174		mg/L		85	75 - 125	1	20
Beryllium	<0.00020		0.0500	0.0572		mg/L		114	75 - 125	1	20
Boron	0.040	J	0.400	0.430		mg/L		97	75 - 125	1	20
Cadmium	<0.000078		0.0500	0.0539		mg/L		108	75 - 125	2	20
Calcium	25		5.00	26.5	4	mg/L		35	75 - 125	2	20
Chromium	0.0041		0.100	0.111		mg/L		107	75 - 125	1	20
Cobalt	<0.00022		0.0500	0.0501		mg/L		100	75 - 125	2	20
Copper	<0.0011		0.101	0.100		mg/L		99	75 - 125	1	20
Lead	<0.00021		0.500	0.530		mg/L		106	75 - 125	0	20
Magnesium	13	F1	5.00	16.2	F1	mg/L		60	75 - 125	2	20
Molybdenum	<0.00086		0.100	0.102		mg/L		102	75 - 125	2	20
Nickel	0.0023		0.100	0.0983		mg/L		96	75 - 125	2	20
Potassium	1.4		7.00	8.28		mg/L		98	75 - 125	1	20
Selenium	<0.00099		0.100	0.0987		mg/L		99	75 - 125	14	20
Silver	<0.00039		0.0500	0.0544		mg/L		109	75 - 125	1	20
Sodium	14	F1	5.00	16.9	F1	mg/L		59	75 - 125	4	20
Thallium	<0.00026		0.0500	0.0516		mg/L		103	75 - 125	1	20
Vanadium	0.014		0.100	0.120		mg/L		106	75 - 125	0	20
Zinc	0.0035	J	0.100	0.105		mg/L		102	75 - 125	1	20

Lab Sample ID: 680-262300-4 MSD
Matrix: Water
Analysis Batch: 877797

Client Sample ID: SCH-GWA-42
Prep Type: Total Recoverable
Prep Batch: 877298

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lithium	0.0044	J B	0.500	0.498		mg/L		99	75 - 125	1	20

Lab Sample ID: MB 680-877299/1-A
Matrix: Water
Analysis Batch: 877677

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 877299

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/28/25 04:52	03/03/25 15:05	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/28/25 04:52	03/03/25 15:05	1
Barium	<0.00089		0.010	0.00089	mg/L		02/28/25 04:52	03/03/25 15:05	1
Boron	<0.022		0.080	0.022	mg/L		02/28/25 04:52	03/03/25 15:05	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/28/25 04:52	03/03/25 15:05	1
Calcium	<0.14		0.50	0.14	mg/L		02/28/25 04:52	03/03/25 15:05	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/28/25 04:52	03/03/25 15:05	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/28/25 04:52	03/03/25 15:05	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/28/25 04:52	03/03/25 15:05	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/28/25 04:52	03/03/25 15:05	1
Magnesium	<0.023		0.50	0.023	mg/L		02/28/25 04:52	03/03/25 15:05	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/28/25 04:52	03/03/25 15:05	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/28/25 04:52	03/03/25 15:05	1
Potassium	<0.044		0.50	0.044	mg/L		02/28/25 04:52	03/03/25 15:05	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/28/25 04:52	03/03/25 15:05	1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 680-877299/1-A
Matrix: Water
Analysis Batch: 877677

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 877299

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.00039		0.0010	0.00039	mg/L		02/28/25 04:52	03/03/25 15:05	1
Sodium	<0.20		0.50	0.20	mg/L		02/28/25 04:52	03/03/25 15:05	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/28/25 04:52	03/03/25 15:05	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/28/25 04:52	03/03/25 15:05	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/28/25 04:52	03/03/25 15:05	1

Lab Sample ID: MB 680-877299/1-A
Matrix: Water
Analysis Batch: 877797

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 877299

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/28/25 04:52	03/04/25 13:40	1
Lithium	<0.0020		0.0050	0.0020	mg/L		02/28/25 04:52	03/04/25 13:40	1

Lab Sample ID: LCS 680-877299/2-A
Matrix: Water
Analysis Batch: 877677

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 877299

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.0500	0.0496		mg/L		99	80 - 120
Arsenic	0.100	0.102		mg/L		102	80 - 120
Barium	0.100	0.0947		mg/L		95	80 - 120
Boron	0.400	0.371		mg/L		93	80 - 120
Cadmium	0.0500	0.0523		mg/L		105	80 - 120
Calcium	5.00	4.74		mg/L		95	80 - 120
Chromium	0.100	0.105		mg/L		105	80 - 120
Cobalt	0.0500	0.0495		mg/L		99	80 - 120
Copper	0.101	0.0986		mg/L		98	80 - 120
Lead	0.500	0.514		mg/L		103	80 - 120
Magnesium	5.00	4.43		mg/L		89	80 - 120
Molybdenum	0.100	0.0998		mg/L		100	80 - 120
Nickel	0.100	0.0973		mg/L		97	80 - 120
Potassium	7.00	6.86		mg/L		98	80 - 120
Selenium	0.100	0.0948		mg/L		95	80 - 120
Silver	0.0500	0.0532		mg/L		106	80 - 120
Sodium	5.00	4.73		mg/L		95	80 - 120
Thallium	0.0500	0.0493		mg/L		99	80 - 120
Vanadium	0.100	0.104		mg/L		104	80 - 120
Zinc	0.100	0.0994		mg/L		99	80 - 120

Lab Sample ID: LCS 680-877299/2-A
Matrix: Water
Analysis Batch: 877797

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 877299

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Beryllium	0.0500	0.0525		mg/L		105	80 - 120
Lithium	0.500	0.499		mg/L		100	80 - 120

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 680-262285-C-26-A MS
Matrix: Water
Analysis Batch: 877677

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 877299

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.00034		0.0500	0.0511		mg/L		102	75 - 125
Arsenic	0.00096	J	0.100	0.106		mg/L		105	75 - 125
Barium	0.052		0.100	0.150		mg/L		98	75 - 125
Boron	0.026	J	0.400	0.403		mg/L		94	75 - 125
Cadmium	<0.000078		0.0500	0.0532		mg/L		106	75 - 125
Calcium	8.2		5.00	12.9		mg/L		95	75 - 125
Chromium	<0.0012		0.100	0.108		mg/L		108	75 - 125
Cobalt	<0.00022		0.0500	0.0504		mg/L		101	75 - 125
Copper	0.0016	J	0.101	0.101		mg/L		99	75 - 125
Lead	<0.00021		0.500	0.524		mg/L		105	75 - 125
Magnesium	1.5		5.00	5.98		mg/L		89	75 - 125
Molybdenum	<0.00086		0.100	0.101		mg/L		101	75 - 125
Nickel	0.0010		0.100	0.0982		mg/L		97	75 - 125
Potassium	3.0		7.00	9.88		mg/L		98	75 - 125
Selenium	<0.00099		0.100	0.103		mg/L		103	75 - 125
Silver	<0.00039		0.0500	0.0542		mg/L		108	75 - 125
Sodium	1.8		5.00	6.54		mg/L		96	75 - 125
Thallium	<0.00026		0.0500	0.0506		mg/L		101	75 - 125
Vanadium	0.0031		0.100	0.108		mg/L		105	75 - 125
Zinc	0.0054		0.100	0.103		mg/L		97	75 - 125

Lab Sample ID: 680-262285-C-26-A MS
Matrix: Water
Analysis Batch: 877797

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 877299

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Beryllium	<0.00020		0.0500	0.0520		mg/L		104	75 - 125
Lithium	<0.0020		0.500	0.487		mg/L		97	75 - 125

Lab Sample ID: 680-262285-C-26-B MSD
Matrix: Water
Analysis Batch: 877677

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 877299

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.00034		0.0500	0.0526		mg/L		105	75 - 125	3	20
Arsenic	0.00096	J	0.100	0.111		mg/L		110	75 - 125	5	20
Barium	0.052		0.100	0.156		mg/L		104	75 - 125	4	20
Boron	0.026	J	0.400	0.419		mg/L		98	75 - 125	4	20
Cadmium	<0.000078		0.0500	0.0566		mg/L		113	75 - 125	6	20
Calcium	8.2		5.00	13.6		mg/L		109	75 - 125	5	20
Chromium	<0.0012		0.100	0.113		mg/L		113	75 - 125	5	20
Cobalt	<0.00022		0.0500	0.0534		mg/L		107	75 - 125	6	20
Copper	0.0016	J	0.101	0.107		mg/L		104	75 - 125	6	20
Lead	<0.00021		0.500	0.553		mg/L		111	75 - 125	6	20
Magnesium	1.5		5.00	6.32		mg/L		96	75 - 125	6	20
Molybdenum	<0.00086		0.100	0.108		mg/L		108	75 - 125	6	20
Nickel	0.0010		0.100	0.104		mg/L		103	75 - 125	6	20
Potassium	3.0		7.00	10.4		mg/L		105	75 - 125	5	20
Selenium	<0.00099		0.100	0.104		mg/L		104	75 - 125	1	20

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 680-262285-C-26-B MSD
Matrix: Water
Analysis Batch: 877677

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 877299

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Silver	<0.00039		0.0500	0.0574		mg/L		115	75 - 125	6	20
Sodium	1.8		5.00	6.61		mg/L		97	75 - 125	1	20
Thallium	<0.00026		0.0500	0.0529		mg/L		106	75 - 125	4	20
Vanadium	0.0031		0.100	0.113		mg/L		110	75 - 125	4	20
Zinc	0.0054		0.100	0.110		mg/L		105	75 - 125	7	20

Lab Sample ID: 680-262285-C-26-B MSD
Matrix: Water
Analysis Batch: 877797

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 877299

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Beryllium	<0.00020		0.0500	0.0554		mg/L		111	75 - 125	6	20
Lithium	<0.0020		0.500	0.521		mg/L		104	75 - 125	7	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 680-878173/1-A
Matrix: Water
Analysis Batch: 878262

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 878173

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/07/25 12:30	03/07/25 16:45	1

Lab Sample ID: LCS 680-878173/2-A
Matrix: Water
Analysis Batch: 878262

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 878173

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.00250	0.00254		mg/L		101	80 - 120		

Lab Sample ID: 400-271705-C-1-C MS
Matrix: Water
Analysis Batch: 878262

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 878173

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	<0.000080		0.00100	0.00100		mg/L		100	80 - 120		

Lab Sample ID: 400-271705-C-1-D MSD
Matrix: Water
Analysis Batch: 878262

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 878173

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.000080		0.00100	0.000990		mg/L		99	80 - 120	1	20

Lab Sample ID: MB 680-878400/1-A
Matrix: Water
Analysis Batch: 878457

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 878400

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/11/25 11:25	03/11/25 14:17	1

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: LCS 680-878400/2-A
Matrix: Water
Analysis Batch: 878457

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 878400

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.00250	0.00266		mg/L		106	80 - 120		

Lab Sample ID: 680-262215-C-1-C MSD
Matrix: Water
Analysis Batch: 878457

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 878400

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.000080		0.00100	0.00104		mg/L		104	80 - 120	5	20

Lab Sample ID: 680-262215-D-1-C MS
Matrix: Water
Analysis Batch: 878457

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 878400

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	<0.000080		0.00100	0.00110		mg/L		110	80 - 120		

Method: 2320B-2011 - Alkalinity, Total

Lab Sample ID: MB 680-877565/4
Matrix: Water
Analysis Batch: 877565

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5	<2.2		5.0	2.2	mg/L			02/28/25 20:18	1
Bicarbonate Alkalinity as CaCO3	<2.2		5.0	2.2	mg/L			02/28/25 20:18	1
Carbonate Alkalinity as CaCO3	<2.2		5.0	2.2	mg/L			02/28/25 20:18	1

Lab Sample ID: LCS 680-877565/6
Matrix: Water
Analysis Batch: 877565

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Alkalinity as CaCO3 to pH 4.5			250	241		mg/L		96	90 - 112		

Lab Sample ID: 680-262298-B-8 DU
Matrix: Water
Analysis Batch: 877565

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	43			38.1		mg/L				11	30
Bicarbonate Alkalinity as CaCO3	43			38.1		mg/L				11	30
Carbonate Alkalinity as CaCO3	<2.2			<2.2		mg/L				NC	30

Lab Sample ID: MB 680-877752/4
Matrix: Water
Analysis Batch: 877752

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5	<2.2		5.0	2.2	mg/L			03/03/25 14:07	1

Method: 2320B-2011 - Alkalinity, Total (Continued)

Lab Sample ID: MB 680-877752/4
Matrix: Water
Analysis Batch: 877752

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bicarbonate Alkalinity as CaCO3	<2.2		5.0	2.2	mg/L			03/03/25 14:07	1
Carbonate Alkalinity as CaCO3	<2.2		5.0	2.2	mg/L			03/03/25 14:07	1

Lab Sample ID: LCS 680-877752/6
Matrix: Water
Analysis Batch: 877752

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Alkalinity as CaCO3 to pH 4.5			250	243		mg/L		97	90 - 112		

Lab Sample ID: LCSD 680-877752/31
Matrix: Water
Analysis Batch: 877752

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5			250	251		mg/L		101	90 - 112	3	30

Lab Sample ID: 240-219611-K-5 DU
Matrix: Water
Analysis Batch: 877752

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	3.8	J		<2.2		mg/L				NC	30
Bicarbonate Alkalinity as CaCO3	3.8	J		<2.2		mg/L				NC	30
Carbonate Alkalinity as CaCO3	<2.2			<2.2		mg/L				NC	30

Lab Sample ID: MB 680-877754/4
Matrix: Water
Analysis Batch: 877754

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5	<2.2		5.0	2.2	mg/L			03/03/25 19:58	1
Bicarbonate Alkalinity as CaCO3	<2.2		5.0	2.2	mg/L			03/03/25 19:58	1
Carbonate Alkalinity as CaCO3	<2.2		5.0	2.2	mg/L			03/03/25 19:58	1

Lab Sample ID: LCS 680-877754/6
Matrix: Water
Analysis Batch: 877754

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Alkalinity as CaCO3 to pH 4.5			250	246		mg/L		98	90 - 112		

Method: 2320B-2011 - Alkalinity, Total (Continued)

Lab Sample ID: LCSD 680-877754/31
Matrix: Water
Analysis Batch: 877754

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5			250	252		mg/L		101	90 - 112	2	30

Lab Sample ID: 680-262300-4 DU
Matrix: Water
Analysis Batch: 877754

Client Sample ID: SCH-GWA-42
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	130			125		mg/L				0.3	30
Bicarbonate Alkalinity as CaCO3	130			125		mg/L				0.3	30
Carbonate Alkalinity as CaCO3	<2.2			<2.2		mg/L				NC	30

Method: 2540C-2011 - Total Dissolved Solids (Dried at 180 °C)

Lab Sample ID: MB 680-877843/1
Matrix: Water
Analysis Batch: 877843

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			03/05/25 11:26	1

Lab Sample ID: LCS 680-877843/2
Matrix: Water
Analysis Batch: 877843

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids			2440	2430		mg/L		100	80 - 120		

Lab Sample ID: LCSD 680-877843/3
Matrix: Water
Analysis Batch: 877843

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids			2440	2370		mg/L		97	80 - 120	2	25

Lab Sample ID: 680-262300-5 DU
Matrix: Water
Analysis Batch: 877843

Client Sample ID: SCH-GWA-43
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	180			176		mg/L				3	5

HPLC/IC

Analysis Batch: 878140

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262300-1	SCH-GWC-30	Total/NA	Water	300.0-1993 R2.1	
680-262300-2	SCH-GWC-36	Total/NA	Water	300.0-1993 R2.1	
680-262300-3	SCH-GWA-41	Total/NA	Water	300.0-1993 R2.1	
680-262300-4	SCH-GWA-42	Total/NA	Water	300.0-1993 R2.1	
680-262300-5	SCH-GWA-43	Total/NA	Water	300.0-1993 R2.1	
680-262300-6	SCH-GWA-44A	Total/NA	Water	300.0-1993 R2.1	
680-262300-7	SCH-GWA-54	Total/NA	Water	300.0-1993 R2.1	
680-262300-8	SCH-CELL3-EB-9	Total/NA	Water	300.0-1993 R2.1	
680-262300-9	SCH-CELL3-FB-9	Total/NA	Water	300.0-1993 R2.1	
680-262300-10	SCH-CELL3-EB-10	Total/NA	Water	300.0-1993 R2.1	
680-262300-11	SCH-CELL3-FB-10	Total/NA	Water	300.0-1993 R2.1	
MB 680-878140/48	Method Blank	Total/NA	Water	300.0-1993 R2.1	
LCS 680-878140/49	Lab Control Sample	Total/NA	Water	300.0-1993 R2.1	
LCSD 680-878140/50	Lab Control Sample Dup	Total/NA	Water	300.0-1993 R2.1	
680-262300-6 MS	SCH-GWA-44A	Total/NA	Water	300.0-1993 R2.1	
680-262300-6 MSD	SCH-GWA-44A	Total/NA	Water	300.0-1993 R2.1	

Metals

Prep Batch: 877298

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262300-4	SCH-GWA-42	Total Recoverable	Water	3005A	
680-262300-5	SCH-GWA-43	Total Recoverable	Water	3005A	
680-262300-7	SCH-GWA-54	Total Recoverable	Water	3005A	
680-262300-11	SCH-CELL3-FB-10	Total Recoverable	Water	3005A	
MB 680-877298/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-877298/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
680-262300-4 MS	SCH-GWA-42	Total Recoverable	Water	3005A	
680-262300-4 MSD	SCH-GWA-42	Total Recoverable	Water	3005A	

Prep Batch: 877299

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262300-1	SCH-GWC-30	Total Recoverable	Water	3005A	
680-262300-2	SCH-GWC-36	Total Recoverable	Water	3005A	
680-262300-3	SCH-GWA-41	Total Recoverable	Water	3005A	
680-262300-6	SCH-GWA-44A	Total Recoverable	Water	3005A	
680-262300-8	SCH-CELL3-EB-9	Total Recoverable	Water	3005A	
680-262300-9	SCH-CELL3-FB-9	Total Recoverable	Water	3005A	
680-262300-10	SCH-CELL3-EB-10	Total Recoverable	Water	3005A	
MB 680-877299/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-877299/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
680-262285-C-26-A MS	Matrix Spike	Total Recoverable	Water	3005A	
680-262285-C-26-B MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Analysis Batch: 877677

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262300-1	SCH-GWC-30	Total Recoverable	Water	6020B	877299
680-262300-2	SCH-GWC-36	Total Recoverable	Water	6020B	877299
680-262300-3	SCH-GWA-41	Total Recoverable	Water	6020B	877299
680-262300-4	SCH-GWA-42	Total Recoverable	Water	6020B	877298
680-262300-5	SCH-GWA-43	Total Recoverable	Water	6020B	877298

Metals (Continued)

Analysis Batch: 877677 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262300-6	SCH-GWA-44A	Total Recoverable	Water	6020B	877299
680-262300-7	SCH-GWA-54	Total Recoverable	Water	6020B	877298
680-262300-8	SCH-CELL3-EB-9	Total Recoverable	Water	6020B	877299
680-262300-9	SCH-CELL3-FB-9	Total Recoverable	Water	6020B	877299
680-262300-10	SCH-CELL3-EB-10	Total Recoverable	Water	6020B	877299
680-262300-11	SCH-CELL3-FB-10	Total Recoverable	Water	6020B	877298
MB 680-877298/1-A	Method Blank	Total Recoverable	Water	6020B	877298
MB 680-877299/1-A	Method Blank	Total Recoverable	Water	6020B	877299
LCS 680-877298/2-A	Lab Control Sample	Total Recoverable	Water	6020B	877298
LCS 680-877299/2-A	Lab Control Sample	Total Recoverable	Water	6020B	877299
680-262285-C-26-A MS	Matrix Spike	Total Recoverable	Water	6020B	877299
680-262285-C-26-B MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020B	877299
680-262300-4 MS	SCH-GWA-42	Total Recoverable	Water	6020B	877298
680-262300-4 MSD	SCH-GWA-42	Total Recoverable	Water	6020B	877298

Analysis Batch: 877797

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262300-1	SCH-GWC-30	Total Recoverable	Water	6020B	877299
680-262300-2	SCH-GWC-36	Total Recoverable	Water	6020B	877299
680-262300-3	SCH-GWA-41	Total Recoverable	Water	6020B	877299
680-262300-4	SCH-GWA-42	Total Recoverable	Water	6020B	877298
680-262300-5	SCH-GWA-43	Total Recoverable	Water	6020B	877298
680-262300-6	SCH-GWA-44A	Total Recoverable	Water	6020B	877299
680-262300-7	SCH-GWA-54	Total Recoverable	Water	6020B	877298
680-262300-8	SCH-CELL3-EB-9	Total Recoverable	Water	6020B	877299
680-262300-9	SCH-CELL3-FB-9	Total Recoverable	Water	6020B	877299
680-262300-10	SCH-CELL3-EB-10	Total Recoverable	Water	6020B	877299
680-262300-11	SCH-CELL3-FB-10	Total Recoverable	Water	6020B	877298
MB 680-877298/1-A	Method Blank	Total Recoverable	Water	6020B	877298
MB 680-877299/1-A	Method Blank	Total Recoverable	Water	6020B	877299
LCS 680-877298/2-A	Lab Control Sample	Total Recoverable	Water	6020B	877298
LCS 680-877299/2-A	Lab Control Sample	Total Recoverable	Water	6020B	877299
680-262285-C-26-A MS	Matrix Spike	Total Recoverable	Water	6020B	877299
680-262285-C-26-B MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020B	877299
680-262300-4 MS	SCH-GWA-42	Total Recoverable	Water	6020B	877298
680-262300-4 MSD	SCH-GWA-42	Total Recoverable	Water	6020B	877298

Prep Batch: 878173

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262300-2	SCH-GWC-36	Total/NA	Water	7470A	
680-262300-3	SCH-GWA-41	Total/NA	Water	7470A	
680-262300-4	SCH-GWA-42	Total/NA	Water	7470A	
680-262300-5	SCH-GWA-43	Total/NA	Water	7470A	
680-262300-6	SCH-GWA-44A	Total/NA	Water	7470A	
680-262300-7	SCH-GWA-54	Total/NA	Water	7470A	
680-262300-9	SCH-CELL3-FB-9	Total/NA	Water	7470A	
680-262300-10	SCH-CELL3-EB-10	Total/NA	Water	7470A	
680-262300-11	SCH-CELL3-FB-10	Total/NA	Water	7470A	
MB 680-878173/1-A	Method Blank	Total/NA	Water	7470A	
LCS 680-878173/2-A	Lab Control Sample	Total/NA	Water	7470A	
400-271705-C-1-C MS	Matrix Spike	Total/NA	Water	7470A	

Metals (Continued)

Prep Batch: 878173 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-271705-C-1-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Analysis Batch: 878262

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262300-2	SCH-GWC-36	Total/NA	Water	7470A	878173
680-262300-3	SCH-GWA-41	Total/NA	Water	7470A	878173
680-262300-4	SCH-GWA-42	Total/NA	Water	7470A	878173
680-262300-5	SCH-GWA-43	Total/NA	Water	7470A	878173
680-262300-6	SCH-GWA-44A	Total/NA	Water	7470A	878173
680-262300-7	SCH-GWA-54	Total/NA	Water	7470A	878173
680-262300-9	SCH-CELL3-FB-9	Total/NA	Water	7470A	878173
680-262300-10	SCH-CELL3-EB-10	Total/NA	Water	7470A	878173
680-262300-11	SCH-CELL3-FB-10	Total/NA	Water	7470A	878173
MB 680-878173/1-A	Method Blank	Total/NA	Water	7470A	878173
LCS 680-878173/2-A	Lab Control Sample	Total/NA	Water	7470A	878173
400-271705-C-1-C MS	Matrix Spike	Total/NA	Water	7470A	878173
400-271705-C-1-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	878173

Prep Batch: 878400

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262300-1	SCH-GWC-30	Total/NA	Water	7470A	
680-262300-8	SCH-CELL3-EB-9	Total/NA	Water	7470A	
MB 680-878400/1-A	Method Blank	Total/NA	Water	7470A	
LCS 680-878400/2-A	Lab Control Sample	Total/NA	Water	7470A	
680-262215-C-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	
680-262215-D-1-C MS	Matrix Spike	Total/NA	Water	7470A	

Analysis Batch: 878457

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262300-1	SCH-GWC-30	Total/NA	Water	7470A	878400
680-262300-8	SCH-CELL3-EB-9	Total/NA	Water	7470A	878400
MB 680-878400/1-A	Method Blank	Total/NA	Water	7470A	878400
LCS 680-878400/2-A	Lab Control Sample	Total/NA	Water	7470A	878400
680-262215-C-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	878400
680-262215-D-1-C MS	Matrix Spike	Total/NA	Water	7470A	878400

General Chemistry

Analysis Batch: 877565

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262300-1	SCH-GWC-30	Total/NA	Water	2320B-2011	
680-262300-2	SCH-GWC-36	Total/NA	Water	2320B-2011	
680-262300-3	SCH-GWA-41	Total/NA	Water	2320B-2011	
MB 680-877565/4	Method Blank	Total/NA	Water	2320B-2011	
LCS 680-877565/6	Lab Control Sample	Total/NA	Water	2320B-2011	
680-262298-B-8 DU	Duplicate	Total/NA	Water	2320B-2011	

Analysis Batch: 877752

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262300-5	SCH-GWA-43	Total/NA	Water	2320B-2011	
680-262300-6	SCH-GWA-44A	Total/NA	Water	2320B-2011	

General Chemistry (Continued)

Analysis Batch: 877752 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262300-10	SCH-CELL3-EB-10	Total/NA	Water	2320B-2011	
680-262300-11	SCH-CELL3-FB-10	Total/NA	Water	2320B-2011	
MB 680-877752/4	Method Blank	Total/NA	Water	2320B-2011	
LCS 680-877752/6	Lab Control Sample	Total/NA	Water	2320B-2011	
LCSD 680-877752/31	Lab Control Sample Dup	Total/NA	Water	2320B-2011	
240-219611-K-5 DU	Duplicate	Total/NA	Water	2320B-2011	

Analysis Batch: 877754

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262300-4	SCH-GWA-42	Total/NA	Water	2320B-2011	
680-262300-7	SCH-GWA-54	Total/NA	Water	2320B-2011	
680-262300-8	SCH-CELL3-EB-9	Total/NA	Water	2320B-2011	
680-262300-9	SCH-CELL3-FB-9	Total/NA	Water	2320B-2011	
MB 680-877754/4	Method Blank	Total/NA	Water	2320B-2011	
LCS 680-877754/6	Lab Control Sample	Total/NA	Water	2320B-2011	
LCSD 680-877754/31	Lab Control Sample Dup	Total/NA	Water	2320B-2011	
680-262300-4 DU	SCH-GWA-42	Total/NA	Water	2320B-2011	

Analysis Batch: 877843

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262300-1	SCH-GWC-30	Total/NA	Water	2540C-2011	
680-262300-2	SCH-GWC-36	Total/NA	Water	2540C-2011	
680-262300-3	SCH-GWA-41	Total/NA	Water	2540C-2011	
680-262300-4	SCH-GWA-42	Total/NA	Water	2540C-2011	
680-262300-5	SCH-GWA-43	Total/NA	Water	2540C-2011	
680-262300-6	SCH-GWA-44A	Total/NA	Water	2540C-2011	
680-262300-7	SCH-GWA-54	Total/NA	Water	2540C-2011	
680-262300-8	SCH-CELL3-EB-9	Total/NA	Water	2540C-2011	
680-262300-9	SCH-CELL3-FB-9	Total/NA	Water	2540C-2011	
680-262300-10	SCH-CELL3-EB-10	Total/NA	Water	2540C-2011	
680-262300-11	SCH-CELL3-FB-10	Total/NA	Water	2540C-2011	
MB 680-877843/1	Method Blank	Total/NA	Water	2540C-2011	
LCS 680-877843/2	Lab Control Sample	Total/NA	Water	2540C-2011	
LCSD 680-877843/3	Lab Control Sample Dup	Total/NA	Water	2540C-2011	
680-262300-5 DU	SCH-GWA-43	Total/NA	Water	2540C-2011	

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-262300-1

Client Sample ID: SCH-GWC-30

Lab Sample ID: 680-262300-1

Date Collected: 02/26/25 12:15

Matrix: Water

Date Received: 02/27/25 11:31

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		2	5 mL	5 mL	878140	03/07/25 19:47	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877299	02/28/25 04:52	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877797	03/04/25 13:54	BWR	EET SAV
	Instrument ID: ICPMSD									
Total Recoverable	Prep	3005A			25 mL	125 mL	877299	02/28/25 04:52	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877677	03/03/25 15:19	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	878400	03/11/25 11:25	MG	EET SAV
Total/NA	Analysis	7470A		1			878457	03/11/25 14:40	BCB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877565	02/28/25 23:45	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877843	03/05/25 11:26	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-GWC-36

Lab Sample ID: 680-262300-2

Date Collected: 02/26/25 09:33

Matrix: Water

Date Received: 02/27/25 11:31

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	878140	03/07/25 19:57	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877299	02/28/25 04:52	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877797	03/04/25 13:52	BWR	EET SAV
	Instrument ID: ICPMSD									
Total Recoverable	Prep	3005A			25 mL	125 mL	877299	02/28/25 04:52	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877677	03/03/25 15:17	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	878173	03/07/25 12:30	MG	EET SAV
Total/NA	Analysis	7470A		1			878262	03/07/25 17:34	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877565	02/28/25 23:36	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877843	03/05/25 11:26	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-GWA-41

Lab Sample ID: 680-262300-3

Date Collected: 02/26/25 13:50

Matrix: Water

Date Received: 02/27/25 11:31

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	878140	03/07/25 20:07	BS	EET SAV
	Instrument ID: CICP									

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-262300-1

Client Sample ID: SCH-GWA-41

Lab Sample ID: 680-262300-3

Date Collected: 02/26/25 13:50

Matrix: Water

Date Received: 02/27/25 11:31

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			25 mL	125 mL	877299	02/28/25 04:52	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877797	03/04/25 13:50	BWR	EET SAV
	Instrument ID: ICPMSD									
Total Recoverable	Prep	3005A			25 mL	125 mL	877299	02/28/25 04:52	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877677	03/03/25 15:15	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	878173	03/07/25 12:30	MG	EET SAV
Total/NA	Analysis	7470A		1			878262	03/07/25 17:37	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877565	02/28/25 23:27	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877843	03/05/25 11:26	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-GWA-42

Lab Sample ID: 680-262300-4

Date Collected: 02/26/25 14:45

Matrix: Water

Date Received: 02/27/25 11:31

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	878140	03/07/25 20:16	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877298	02/28/25 04:52	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877797	03/04/25 15:10	BWR	EET SAV
	Instrument ID: ICPMSD									
Total Recoverable	Prep	3005A			25 mL	125 mL	877298	02/28/25 04:52	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877677	03/03/25 14:17	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	878173	03/07/25 12:30	MG	EET SAV
Total/NA	Analysis	7470A		1			878262	03/07/25 17:20	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877754	03/03/25 20:23	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	50 mL	200 mL	877843	03/05/25 11:26	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-GWA-43

Lab Sample ID: 680-262300-5

Date Collected: 02/26/25 13:00

Matrix: Water

Date Received: 02/27/25 11:31

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	878140	03/07/25 20:26	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877298	02/28/25 04:52	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877797	03/04/25 15:16	BWR	EET SAV
	Instrument ID: ICPMSD									

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-262300-1

Client Sample ID: SCH-GWA-43

Lab Sample ID: 680-262300-5

Date Collected: 02/26/25 13:00

Matrix: Water

Date Received: 02/27/25 11:31

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			25 mL	125 mL	877298	02/28/25 04:52	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877677	03/03/25 14:23	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	878173	03/07/25 12:30	MG	EET SAV
Total/NA	Analysis	7470A		1			878262	03/07/25 17:23	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877752	03/03/25 17:55	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	50 mL	200 mL	877843	03/05/25 11:26	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-GWA-44A

Lab Sample ID: 680-262300-6

Date Collected: 02/26/25 10:44

Matrix: Water

Date Received: 02/27/25 11:31

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	878140	03/07/25 20:55	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877299	02/28/25 04:52	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877797	03/04/25 14:05	BWR	EET SAV
	Instrument ID: ICPMSD									
Total Recoverable	Prep	3005A			25 mL	125 mL	877299	02/28/25 04:52	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877677	03/03/25 15:28	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	878173	03/07/25 12:30	MG	EET SAV
Total/NA	Analysis	7470A		1			878262	03/07/25 17:39	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877752	03/03/25 18:04	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877843	03/05/25 11:26	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-GWA-54

Lab Sample ID: 680-262300-7

Date Collected: 02/26/25 12:00

Matrix: Water

Date Received: 02/27/25 11:31

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	878140	03/07/25 21:25	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877298	02/28/25 04:52	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877797	03/04/25 15:20	BWR	EET SAV
	Instrument ID: ICPMSD									
Total Recoverable	Prep	3005A			25 mL	125 mL	877298	02/28/25 04:52	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877677	03/03/25 14:27	BWR	EET SAV
	Instrument ID: ICPMSG									

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-262300-1

Client Sample ID: SCH-GWA-54

Lab Sample ID: 680-262300-7

Date Collected: 02/26/25 12:00

Matrix: Water

Date Received: 02/27/25 11:31

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7470A			50 mL	50 mL	878173	03/07/25 12:30	MG	EET SAV
Total/NA	Analysis	7470A		1			878262	03/07/25 17:44	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877754	03/03/25 20:53	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877843	03/05/25 11:26	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-CELL3-EB-9

Lab Sample ID: 680-262300-8

Date Collected: 02/26/25 09:40

Matrix: Water

Date Received: 02/27/25 11:31

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	878140	03/07/25 21:34	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877299	02/28/25 04:52	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877797	03/04/25 13:56	BWR	EET SAV
	Instrument ID: ICPMSD									
Total Recoverable	Prep	3005A			25 mL	125 mL	877299	02/28/25 04:52	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877677	03/03/25 15:21	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	878400	03/11/25 11:25	MG	EET SAV
Total/NA	Analysis	7470A		1			878457	03/11/25 14:33	BCB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877754	03/03/25 20:44	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877843	03/05/25 11:26	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-CELL3-FB-9

Lab Sample ID: 680-262300-9

Date Collected: 02/26/25 10:30

Matrix: Water

Date Received: 02/27/25 11:31

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	878140	03/07/25 21:44	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877299	02/28/25 04:52	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877797	03/04/25 13:59	BWR	EET SAV
	Instrument ID: ICPMSD									
Total Recoverable	Prep	3005A			25 mL	125 mL	877299	02/28/25 04:52	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877677	03/03/25 15:23	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	878173	03/07/25 12:30	MG	EET SAV
Total/NA	Analysis	7470A		1			878262	03/07/25 17:25	BJB	EET SAV
	Instrument ID: QuickTrace3									

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-262300-1

Client Sample ID: SCH-CELL3-FB-9

Lab Sample ID: 680-262300-9

Date Collected: 02/26/25 10:30

Matrix: Water

Date Received: 02/27/25 11:31

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2320B-2011		1			877754	03/03/25 20:39	PG	EET SAV
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877843	03/05/25 11:26	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-CELL3-EB-10

Lab Sample ID: 680-262300-10

Date Collected: 02/26/25 13:23

Matrix: Water

Date Received: 02/27/25 11:31

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	878140	03/07/25 21:54	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877299	02/28/25 04:52	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877797	03/04/25 14:07	BWR	EET SAV
	Instrument ID: ICPMSD									
Total Recoverable	Prep	3005A			25 mL	125 mL	877299	02/28/25 04:52	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877677	03/03/25 15:30	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	878173	03/07/25 12:30	MG	EET SAV
Total/NA	Analysis	7470A		1			878262	03/07/25 17:41	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877752	03/03/25 18:10	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877843	03/05/25 11:26	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-CELL3-FB-10

Lab Sample ID: 680-262300-11

Date Collected: 02/26/25 09:25

Matrix: Water

Date Received: 02/27/25 11:31

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	878140	03/07/25 22:04	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877298	02/28/25 04:52	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877797	03/04/25 15:18	BWR	EET SAV
	Instrument ID: ICPMSD									
Total Recoverable	Prep	3005A			25 mL	125 mL	877298	02/28/25 04:52	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877677	03/03/25 14:25	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	878173	03/07/25 12:30	MG	EET SAV
Total/NA	Analysis	7470A		1			878262	03/07/25 17:32	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877752	03/03/25 18:15	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877843	03/05/25 11:26	PG	EET SAV
	Instrument ID: NOEQUIP									

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-262300-1

Laboratory References:

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Accreditation/Certification Summary

Client: Southern Company
Job ID: 680-262300-1
Project/Site: CCR - Plant Scherer Cell 3

Laboratory: Eurofins Savannah

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87052	06-30-25
Georgia	State	E87052	06-30-25

Method Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-262300-1

Method	Method Description	Protocol	Laboratory
300.0-1993 R2.1	Anions, Ion Chromatography	MCAWW	EET SAV
6020B	Metals (ICP/MS)	SW846	EET SAV
7470A	Mercury (CVAA)	SW846	EET SAV
2320B-2011	Alkalinity, Total	SM	EET SAV
2540C-2011	Total Dissolved Solids (Dried at 180 °C)	SM	EET SAV
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET SAV
7470A	Preparation, Mercury	SW846	EET SAV

Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Phone (912) 354-7858 Phone (912) 352-0165

Chain of Custody Record

eurofins Environment Testing

Client Information	Sampler(s): Mark Mann	Lab PM / Phone: David Fuller / 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: Joju Abraham	Site-Project Manager / Phone: Dawn Prell / 248-536-5445	E-Mail: David.Fuller@et.eurofinsus.com	State of Origin: GA	Page: Page 1 of 1
Company: Southern Company				Job #:
Address: 241 Ralph McGill Blvd SE B10185	Due Date Requested:			
City: Atlanta	TAT Requested (days): 2 weeks			
State, Zip: GA, 30308	Compliance Project: Δ Yes Δ No			
Phone:	Lab Project #: (DO NOT REMOVE) 68027798			
Email: JAbraham@southernco.com	Lab PO #: GPC82130-0006 / PO Line #5			
Project Name: CCR - Plant Scherer Cell 3	Project #:			
Site:				

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)
Other:

Task_Code: SCH-CCR-ASSMT-2025S1

Special Instructions/Notes:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C - Solids, Total Dissolved (TDS)	6020B - App III/IV, State (15) Metals + Cations (Mg, K, Na)	7470A - App IV Mercury	9315_Ra226 - Radium 226	9320_Ra228 - Radium 228	Ra226Ra228_GFPC - Combined Radium 226 and 228	2320B - Alkalinity, Total, Carb/Bicarb						Total Number of containers
			Preservation Code:				N	N	D	D	D	D	D							
SCH-GWC-30	2/26/25	12:15	G	WG	N	N	X	X	X	X	X	X	X	X						6
SCH-GWC-36	2/26/25	09:33	G	WG	N	N	X	X	X	X	X	X	X	X						6
SCH-GWA-41	2/26/25	13:50	G	WG	N	N	X	X	X	X	X	X	X	X						6
SCH-GWA-42	2/26/25	14:45	G	WG	N	N	X	X	X	X	X	X	X	X						6
SCH-GWA-43	2/26/25	13:00	G	WG	N	N	X	X	X	X	X	X	X	X						6
SCH-GWA-44A	2/26/25	10:44	G	WG	N	N	X	X	X	X	X	X	X	X						6
SCH-GWA-54	2/26/25	12:00	G	WG	N	N	X	X	X	X	X	X	X	X						6
SCH-CELL3-EB-9	2/26/25	09:40	G	WQ	N	N	X	X	X	X	X	X	X	X						6
SCH-CELL3-FB-9	2/26/25	10:30	G	WQ	N	N	X	X	X	X	X	X	X	X						6
SCH-CELL3-EB-10	2/26/25	13:23	G	WQ	N	N	X	X	X	X	X	X	X	X						6
SCH-CELL3-FB-10	2/26/25	09:25	G	WQ	N	N	X	X	X	X	X	X	X	X						6

680-262300 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	Mark Mann / MARK MANN	2/27/25 830	WSP	Yolanda Duncan	2/27/25 830	COURIER NOW
2					2/27/25 1131	
3						

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 3.4/3.4 2.0/2.0 2.1/2.1 0.9/0.9 4.2/4.2

Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Phone: 912-354-7858 Fax: 912-352-0165

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Fuller, David	Carrier Tracking No(s): N/A	COC No: 680-795363.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: David.Fuller@et.eurofinsus.com	State of Origin: Georgia	Page: Page 1 of 2
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Florida; State - Georgia		Job #: 680-262300-1
Address: 13715 Rider Trail North, ,	Due Date Requested: 3/11/2025			Preservation Codes: -
City: Earth City	TAT Requested (days): N/A			
State, Zip: MO, 63045				
Phone: 314-298-8566(Tel) 314-298-8757(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: CCR - Plant Scherer Cell 3	Project #: 68027798			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	9315_Ra226/PrecSep_21 Radium-226 (GFPC) - 21 day decay	9320_Ra228/PrecSep_0 Radium-228 (GFPC)	Ra226Ra228_GFPC/ Combined Radium-226 and Radium-228	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
SCH-GWC-30 (680-262300-1)	2/26/25	12:15 Eastern	G	Water			X	X	X	2	
SCH-GWC-36 (680-262300-2)	2/26/25	09:33 Eastern	G	Water			X	X	X	2	
SCH-GWA-41 (680-262300-3)	2/26/25	13:50 Eastern	G	Water			X	X	X	2	
SCH-GWA-42 (680-262300-4)	2/26/25	14:45 Eastern	G	Water			X	X	X	2	
SCH-GWA-43 (680-262300-5)	2/26/25	13:00 Eastern	G	Water			X	X	X	2	
SCH-GWA-44A (680-262300-6)	2/26/25	10:44 Eastern	G	Water			X	X	X	2	
SCH-GWA-54 (680-262300-7)	2/26/25	12:00 Eastern	G	Water			X	X	X	2	
SCH-CELL3-EB-9 (680-262300-8)	2/26/25	09:40 Eastern	G	Water			X	X	X	2	
SCH-CELL3-FB-9 (680-262300-9)	2/26/25	10:30 Eastern	G	Water			X	X	X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Southeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Southeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Southeast, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	2/27/25 1553	E-Sav	M. Pinette	FEB 28 2025 0830	
Relinquished by:	Date/Time:	Company	Received by: Meadow Pinette	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 10/10/2024

Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Phone: 912-354-7858 Fax: 912-352-0165

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Fuller, David	Carrier Tracking No(s): N/A	COC No: 680-795363.2
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: David.Fuller@et.eurofinsus.com	State of Origin: Georgia	Page: Page 2 of 2
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Florida; State - Georgia		Job #: 680-262300-1
Address: 13715 Rider Trail North, ,	Due Date Requested: 3/11/2025			
City: Earth City	TAT Requested (days): N/A			
State, Zip: MO, 63045				
Phone: 314-298-8566(Tel) 314-298-8757(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: CCR - Plant Scherer Cell 3	Project #: 68027798			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes: -

Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	9315_Ra226/PrecSep_21 Radium-226 (GFPC) - 21 day decay	9320_Ra228/PrecSep_0 Radium-228 (GFPC)	Ra226Ra228_GFPC/ Combined Radium-226 and Radium-228	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
SCH-CELL3-EB-10 (680-262300-10)	2/26/25	13:23 Eastern	G	Water			X	X	X	2	
SCH-CELL3-FB-10 (680-262300-11)	2/26/25	09:25 Eastern	G	Water			X	X	X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Southeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Southeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Southeast, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	2/27/25 1553	E-Sav	M. Pinette	FEB 28 2025 0830	
Relinquished by:	Date/Time:	Company	Received by: Meadow Pinette	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-262300-1

Login Number: 262300

List Source: Eurofins Savannah

List Number: 1

Creator: Johnson, Corey M

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

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ANALYTICAL REPORT

PREPARED FOR

Attn: Joju Abraham
Southern Company
241 Ralph McGill Blvd SE
B10185
Atlanta, Georgia 30308

Generated 3/10/2025 5:47:57 PM

JOB DESCRIPTION

CCR - Plant Scherer Cell 3

JOB NUMBER

680-262261-1

Eurofins Savannah
5102 LaRoche Avenue
Savannah GA 31404

See page two for job notes and contact information.

my EOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization



Generated
3/10/2025 5:47:57 PM

Authorized for release by
David Fuller, Project Manager
David.Fuller@et.eurofinsus.com
(770)344-8986

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
E	Result exceeded calibration range.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Sample Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-262261-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-262261-1	SCH-GWC-38	Water	02/25/25 14:55	02/26/25 12:00
680-262261-2	SCH-GWC-37	Water	02/25/25 13:10	02/26/25 12:00
680-262261-3	SCH-GWC-35	Water	02/25/25 10:27	02/26/25 12:00
680-262261-4	SCH-GWC-34	Water	02/25/25 13:40	02/26/25 12:00
680-262261-5	SCH-GWC-33A	Water	02/25/25 12:26	02/26/25 12:00
680-262261-6	SCH-GWC-32	Water	02/25/25 10:24	02/26/25 12:00
680-262261-7	SCH-GWC-31	Water	02/25/25 15:11	02/26/25 12:00
680-262261-8	SCH-CELL3-FD-9	Water	02/25/25 00:00	02/26/25 12:00
680-262261-9	SCH-CELL3-FD-10	Water	02/25/25 00:00	02/26/25 12:00

Job ID: 680-262261-1 — Eurofins Savannah

Job Narrative
680-262261-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Receipt
The samples were received on 2/26/2025 12:00 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 5 coolers at receipt time were 1.9°C, 2.1°C, 3.3°C, 3.4°C and 4.0°C.

HPLC/IC
Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for analytical batch 680-877916 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 680-877958 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 300_ORGFM_28D: The native sample, matrix spike, and matrix spike duplicate (MS/MSD) associated with analytical batch 680-877958 were performed at the same dilution. Due to the additional level of analyte present in the spiked samples, the concentration of Chloride and Sulfate in the MS/MSD was above the instrument calibration range. The data have been reported and qualified.

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for analytical batch 680-878139 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
Method 2540C: A lesser volume of sample was used for the following samples due to the nature of the sample matrix resulting in elevated reporting limits: SCH-GWC-35 (680-262261-3) and SCH-CELL3-FD-9 (680-262261-8)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-262261-1

Client Sample ID: SCH-GWC-38

Lab Sample ID: 680-262261-1

Date Collected: 02/25/25 14:55
Matrix: Water
Date Received: 02/26/25 12:00

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**2.7**		1.0	0.40	mg/L			03/05/25 20:38	1
Fluoride	<0.040		0.10	0.040	mg/L			03/05/25 20:38	1
Chloride	**1.9**		1.0	0.20	mg/L			03/05/25 20:38	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/27/25 05:17	02/27/25 18:37	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/27/25 05:17	02/27/25 18:37	1
Barium	**0.034**		0.010	0.00089	mg/L		02/27/25 05:17	02/27/25 18:37	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/27/25 05:17	02/27/25 18:37	1
Boron	<0.022		0.080	0.022	mg/L		02/27/25 05:17	02/27/25 18:37	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/27/25 05:17	02/27/25 18:37	1
Calcium	**15**		0.50	0.14	mg/L		02/27/25 05:17	02/27/25 18:37	1
Chromium	**0.0083**		0.0020	0.0012	mg/L		02/27/25 05:17	02/27/25 18:37	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/27/25 05:17	02/27/25 18:37	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/27/25 05:17	02/27/25 18:37	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/27/25 05:17	02/27/25 18:37	1
Lithium	<0.0020		0.0050	0.0020	mg/L		02/27/25 05:17	02/28/25 12:54	1
Magnesium	**8.2**		0.50	0.023	mg/L		02/27/25 05:17	02/27/25 18:37	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/27/25 05:17	02/27/25 18:37	1
Nickel	**0.00045**	**J**	0.0010	0.00042	mg/L		02/27/25 05:17	02/27/25 18:37	1
Potassium	**1.2**		0.50	0.044	mg/L		02/27/25 05:17	02/27/25 18:37	1
Selenium	**0.0015**	**J B**	0.0050	0.00099	mg/L		02/27/25 05:17	02/27/25 18:37	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/27/25 05:17	02/27/25 18:37	1
Sodium	**6.8**		0.50	0.20	mg/L		02/27/25 05:17	02/27/25 18:37	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/27/25 05:17	02/27/25 18:37	1
Vanadium	**0.014**		0.0020	0.00063	mg/L		02/27/25 05:17	02/27/25 18:37	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/27/25 05:17	02/27/25 18:37	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/06/25 15:04	03/07/25 08:43	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**83**		5.0	2.2	mg/L			02/27/25 19:36	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**83**		5.0	2.2	mg/L			02/27/25 19:36	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/27/25 19:36	1
Total Dissolved Solids (SM 2540C-2011)	**130**		10	10	mg/L			02/28/25 09:06	1

Client Sample ID: SCH-GWC-37

Lab Sample ID: 680-262261-2

Date Collected: 02/25/25 13:10
Matrix: Water
Date Received: 02/26/25 12:00

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.40	F1	1.0	0.40	mg/L			03/06/25 15:53	1
Fluoride	<0.040	F1	0.10	0.040	mg/L			03/06/25 15:53	1

Client Sample ID: SCH-GWC-37

Lab Sample ID: 680-262261-2

Date Collected: 02/25/25 13:10

Matrix: Water

Date Received: 02/26/25 12:00

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1.6**	**F1**	1.0	0.20	mg/L			03/06/25 15:53	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/27/25 05:17	02/27/25 18:42	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/27/25 05:17	02/27/25 18:42	1
Barium	**0.042**		0.010	0.00089	mg/L		02/27/25 05:17	02/27/25 18:42	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/27/25 05:17	02/27/25 18:42	1
Boron	<0.022		0.080	0.022	mg/L		02/27/25 05:17	02/27/25 18:42	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/27/25 05:17	02/27/25 18:42	1
Calcium	**14**		0.50	0.14	mg/L		02/27/25 05:17	02/27/25 18:42	1
Chromium	**0.021**		0.0020	0.0012	mg/L		02/27/25 05:17	02/27/25 18:42	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/27/25 05:17	02/27/25 18:42	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/27/25 05:17	02/27/25 18:42	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/27/25 05:17	02/27/25 18:42	1
Lithium	<0.0020		0.0050	0.0020	mg/L		02/27/25 05:17	02/28/25 13:03	1
Magnesium	**8.7**		0.50	0.023	mg/L		02/27/25 05:17	02/27/25 18:42	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/27/25 05:17	02/27/25 18:42	1
Nickel	**0.00078**	**J**	0.0010	0.00042	mg/L		02/27/25 05:17	02/27/25 18:42	1
Potassium	**0.82**		0.50	0.044	mg/L		02/27/25 05:17	02/27/25 18:42	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/27/25 05:17	02/27/25 18:42	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/27/25 05:17	02/27/25 18:42	1
Sodium	**6.2**		0.50	0.20	mg/L		02/27/25 05:17	02/27/25 18:42	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/27/25 05:17	02/27/25 18:42	1
Vanadium	**0.0062**		0.0020	0.00063	mg/L		02/27/25 05:17	02/27/25 18:42	1
Zinc	**0.0041**	**J**	0.0050	0.0028	mg/L		02/27/25 05:17	02/27/25 18:42	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/06/25 15:04	03/07/25 09:26	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**82**		5.0	2.2	mg/L			02/27/25 23:19	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**82**		5.0	2.2	mg/L			02/27/25 23:19	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/27/25 23:19	1
Total Dissolved Solids (SM 2540C-2011)	**110**		10	10	mg/L			02/28/25 09:06	1

Client Sample ID: SCH-GWC-35

Lab Sample ID: 680-262261-3

Date Collected: 02/25/25 10:27

Matrix: Water

Date Received: 02/26/25 12:00

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**87**		5.0	2.0	mg/L			03/06/25 17:02	5
Fluoride	<0.20		0.50	0.20	mg/L			03/06/25 17:02	5
Chloride	**14**		5.0	1.0	mg/L			03/06/25 17:02	5

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-262261-1

Client Sample ID: SCH-GWC-35

Lab Sample ID: 680-262261-3

Date Collected: 02/25/25 10:27

Matrix: Water

Date Received: 02/26/25 12:00

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/27/25 05:17	02/27/25 18:40	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/27/25 05:17	02/27/25 18:40	1
Barium	**0.028**		0.010	0.00089	mg/L		02/27/25 05:17	02/27/25 18:40	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/27/25 05:17	02/27/25 18:40	1
Boron	**0.44**		0.080	0.022	mg/L		02/27/25 05:17	02/27/25 18:40	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/27/25 05:17	02/27/25 18:40	1
Calcium	**21**		0.50	0.14	mg/L		02/27/25 05:17	02/27/25 18:40	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/27/25 05:17	02/27/25 18:40	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/27/25 05:17	02/27/25 18:40	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/27/25 05:17	02/27/25 18:40	1
Lead	**0.00065**	**J**	0.0010	0.00021	mg/L		02/27/25 05:17	02/27/25 18:40	1
Lithium	<0.0020		0.0050	0.0020	mg/L		02/27/25 05:17	02/28/25 12:59	1
Magnesium	**14**		0.50	0.023	mg/L		02/27/25 05:17	02/27/25 18:40	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/27/25 05:17	02/27/25 18:40	1
Nickel	**0.00067**	**J**	0.0010	0.00042	mg/L		02/27/25 05:17	02/27/25 18:40	1
Potassium	**1.0**		0.50	0.044	mg/L		02/27/25 05:17	02/27/25 18:40	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/27/25 05:17	02/27/25 18:40	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/27/25 05:17	02/27/25 18:40	1
Sodium	**27**		0.50	0.20	mg/L		02/27/25 05:17	02/27/25 18:40	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/27/25 05:17	02/27/25 18:40	1
Vanadium	**0.0064**		0.0020	0.00063	mg/L		02/27/25 05:17	02/27/25 18:40	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/27/25 05:17	02/27/25 18:40	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/06/25 15:04	03/07/25 09:02	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**66**		5.0	2.2	mg/L			02/27/25 20:53	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**66**		5.0	2.2	mg/L			02/27/25 20:53	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/27/25 20:53	1
Total Dissolved Solids (SM 2540C-2011)	**230**		40	40	mg/L			02/28/25 09:06	1

Client Sample ID: SCH-GWC-34

Lab Sample ID: 680-262261-4

Date Collected: 02/25/25 13:40

Matrix: Water

Date Received: 02/26/25 12:00

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.40		1.0	0.40	mg/L			03/06/25 17:12	1
Fluoride	<0.040		0.10	0.040	mg/L			03/06/25 17:12	1
Chloride	**2.9**		1.0	0.20	mg/L			03/06/25 17:12	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/27/25 05:17	02/27/25 21:17	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/27/25 05:17	02/27/25 21:17	1

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-262261-1

Client Sample ID: SCH-GWC-34

Lab Sample ID: 680-262261-4

Date Collected: 02/25/25 13:40

Matrix: Water

Date Received: 02/26/25 12:00

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	**0.034**		0.010	0.00089	mg/L		02/27/25 05:17	02/27/25 21:17	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/27/25 05:17	02/27/25 21:17	1
Boron	<0.022		0.080	0.022	mg/L		02/27/25 05:17	02/27/25 21:17	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/27/25 05:17	02/27/25 21:17	1
Calcium	**13**		0.50	0.14	mg/L		02/27/25 05:17	02/27/25 21:17	1
Chromium	**0.012**		0.0020	0.0012	mg/L		02/27/25 05:17	02/27/25 21:17	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/27/25 05:17	02/27/25 21:17	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/27/25 05:17	02/27/25 21:17	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/27/25 05:17	02/27/25 21:17	1
Lithium	<0.0020		0.0050	0.0020	mg/L		02/27/25 05:17	02/28/25 10:40	1
Magnesium	**8.9**		0.50	0.023	mg/L		02/27/25 05:17	02/27/25 21:17	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/27/25 05:17	02/27/25 21:17	1
Nickel	**0.00053**	**J**	0.0010	0.00042	mg/L		02/27/25 05:17	02/27/25 21:17	1
Potassium	**0.59**		0.50	0.044	mg/L		02/27/25 05:17	02/27/25 21:17	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/27/25 05:17	02/27/25 21:17	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/27/25 05:17	02/27/25 21:17	1
Sodium	**6.1**		0.50	0.20	mg/L		02/27/25 05:17	02/27/25 21:17	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/27/25 05:17	02/27/25 21:17	1
Vanadium	**0.0071**		0.0020	0.00063	mg/L		02/27/25 05:17	02/27/25 21:17	1
Zinc	**0.0030**	**J**	0.0050	0.0028	mg/L		02/27/25 05:17	02/27/25 21:17	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/06/25 15:04	03/07/25 08:55	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**71**		5.0	2.2	mg/L			02/27/25 23:37	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**71**		5.0	2.2	mg/L			02/27/25 23:37	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/27/25 23:37	1
Total Dissolved Solids (SM 2540C-2011)	**110**		10	10	mg/L			02/28/25 09:06	1

Client Sample ID: SCH-GWC-33A

Lab Sample ID: 680-262261-5

Date Collected: 02/25/25 12:26

Matrix: Water

Date Received: 02/26/25 12:00

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**0.76**	**J**	1.0	0.40	mg/L			03/06/25 17:21	1
Fluoride	<0.040		0.10	0.040	mg/L			03/06/25 17:21	1
Chloride	**4.4**		1.0	0.20	mg/L			03/06/25 17:21	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/27/25 05:17	02/27/25 21:19	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/27/25 05:17	02/27/25 21:19	1
Barium	**0.028**		0.010	0.00089	mg/L		02/27/25 05:17	02/27/25 21:19	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/27/25 05:17	02/27/25 21:19	1

Client Sample ID: SCH-GWC-33A

Lab Sample ID: 680-262261-5

Date Collected: 02/25/25 12:26

Matrix: Water

Date Received: 02/26/25 12:00

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.022		0.080	0.022	mg/L		02/27/25 05:17	02/27/25 21:19	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/27/25 05:17	02/27/25 21:19	1
Calcium	**17**		0.50	0.14	mg/L		02/27/25 05:17	02/27/25 21:19	1
Chromium	**0.0052**		0.0020	0.0012	mg/L		02/27/25 05:17	02/27/25 21:19	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/27/25 05:17	02/27/25 21:19	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/27/25 05:17	02/27/25 21:19	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/27/25 05:17	02/27/25 21:19	1
Lithium	<0.0020		0.0050	0.0020	mg/L		02/27/25 05:17	02/28/25 10:45	1
Magnesium	**5.9**		0.50	0.023	mg/L		02/27/25 05:17	02/27/25 21:19	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/27/25 05:17	02/27/25 21:19	1
Nickel	**0.00044**	**J**	0.0010	0.00042	mg/L		02/27/25 05:17	02/27/25 21:19	1
Potassium	**0.71**		0.50	0.044	mg/L		02/27/25 05:17	02/27/25 21:19	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/27/25 05:17	02/27/25 21:19	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/27/25 05:17	02/27/25 21:19	1
Sodium	**10**		0.50	0.20	mg/L		02/27/25 05:17	02/27/25 21:19	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/27/25 05:17	02/27/25 21:19	1
Vanadium	**0.012**		0.0020	0.00063	mg/L		02/27/25 05:17	02/27/25 21:19	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/27/25 05:17	02/27/25 21:19	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/06/25 15:04	03/07/25 09:00	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**77**		5.0	2.2	mg/L			02/27/25 21:11	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**77**		5.0	2.2	mg/L			02/27/25 21:11	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/27/25 21:11	1
Total Dissolved Solids (SM 2540C-2011)	**130**		10	10	mg/L			02/28/25 09:06	1

Client Sample ID: SCH-GWC-32

Lab Sample ID: 680-262261-6

Date Collected: 02/25/25 10:24

Matrix: Water

Date Received: 02/26/25 12:00

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**2.8**		1.0	0.40	mg/L			03/06/25 17:31	1
Fluoride	<0.040		0.10	0.040	mg/L			03/06/25 17:31	1
Chloride	**2.9**		1.0	0.20	mg/L			03/06/25 17:31	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/27/25 05:17	02/27/25 21:29	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/27/25 05:17	02/27/25 21:29	1
Barium	**0.019**		0.010	0.00089	mg/L		02/27/25 05:17	02/27/25 21:29	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/27/25 05:17	02/27/25 21:29	1
Boron	<0.022		0.080	0.022	mg/L		02/27/25 05:17	02/27/25 21:29	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/27/25 05:17	02/27/25 21:29	1

Client Sample ID: SCH-GWC-32

Lab Sample ID: 680-262261-6

Date Collected: 02/25/25 10:24

Matrix: Water

Date Received: 02/26/25 12:00

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**16**		0.50	0.14	mg/L		02/27/25 05:17	02/27/25 21:29	1
Chromium	**0.0026**		0.0020	0.0012	mg/L		02/27/25 05:17	02/27/25 21:29	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/27/25 05:17	02/27/25 21:29	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/27/25 05:17	02/27/25 21:29	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/27/25 05:17	02/27/25 21:29	1
Lithium	<0.0020		0.0050	0.0020	mg/L		02/27/25 05:17	02/28/25 10:53	1
Magnesium	**6.0**		0.50	0.023	mg/L		02/27/25 05:17	02/27/25 21:29	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/27/25 05:17	02/27/25 21:29	1
Nickel	**0.00096**	**J**	0.0010	0.00042	mg/L		02/27/25 05:17	02/27/25 21:29	1
Potassium	**0.57**		0.50	0.044	mg/L		02/27/25 05:17	02/27/25 21:29	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/27/25 05:17	02/27/25 21:29	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/27/25 05:17	02/27/25 21:29	1
Sodium	**11**		0.50	0.20	mg/L		02/27/25 05:17	02/27/25 21:29	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/27/25 05:17	02/27/25 21:29	1
Vanadium	**0.0066**		0.0020	0.00063	mg/L		02/27/25 05:17	02/27/25 21:29	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/27/25 05:17	02/27/25 21:29	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/06/25 15:04	03/07/25 08:57	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**80**		5.0	2.2	mg/L			02/27/25 20:35	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**80**		5.0	2.2	mg/L			02/27/25 20:35	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/27/25 20:35	1
Total Dissolved Solids (SM 2540C-2011)	**140**		10	10	mg/L			02/28/25 09:06	1

Client Sample ID: SCH-GWC-31

Lab Sample ID: 680-262261-7

Date Collected: 02/25/25 15:11

Matrix: Water

Date Received: 02/26/25 12:00

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**2.1**		1.0	0.40	mg/L			03/06/25 17:41	1
Fluoride	<0.040		0.10	0.040	mg/L			03/06/25 17:41	1
Chloride	**4.0**		1.0	0.20	mg/L			03/06/25 17:41	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/27/25 05:17	02/27/25 18:29	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/27/25 05:17	02/27/25 18:29	1
Barium	**0.014**		0.010	0.00089	mg/L		02/27/25 05:17	02/27/25 18:29	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/27/25 05:17	02/27/25 18:29	1
Boron	<0.022		0.080	0.022	mg/L		02/27/25 05:17	02/27/25 18:29	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/27/25 05:17	02/27/25 18:29	1
Calcium	**17**		0.50	0.14	mg/L		02/27/25 05:17	02/27/25 18:29	1
Chromium	**0.0025**		0.0020	0.0012	mg/L		02/27/25 05:17	02/27/25 18:29	1

Client Sample ID: SCH-GWC-31

Lab Sample ID: 680-262261-7

Date Collected: 02/25/25 15:11

Matrix: Water

Date Received: 02/26/25 12:00

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/27/25 05:17	02/27/25 18:29	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/27/25 05:17	02/27/25 18:29	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/27/25 05:17	02/27/25 18:29	1
Lithium	<0.0020		0.0050	0.0020	mg/L		02/27/25 05:17	02/28/25 12:34	1
Magnesium	**8.3**		0.50	0.023	mg/L		02/27/25 05:17	02/27/25 18:29	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/27/25 05:17	02/27/25 18:29	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/27/25 05:17	02/27/25 18:29	1
Potassium	**1.1**		0.50	0.044	mg/L		02/27/25 05:17	02/27/25 18:29	1
Selenium	**0.0012**	**J B**	0.0050	0.00099	mg/L		02/27/25 05:17	02/27/25 18:29	1
Silver	<0.00039	F1	0.0010	0.00039	mg/L		02/27/25 05:17	02/27/25 18:29	1
Sodium	**15**		0.50	0.20	mg/L		02/27/25 05:17	02/27/25 18:29	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/27/25 05:17	02/27/25 18:29	1
Vanadium	**0.015**		0.0020	0.00063	mg/L		02/27/25 05:17	02/27/25 18:29	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/27/25 05:17	02/27/25 18:29	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/06/25 15:04	03/07/25 09:30	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**99**		5.0	2.2	mg/L			02/27/25 20:44	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**99**		5.0	2.2	mg/L			02/27/25 20:44	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/27/25 20:44	1
Total Dissolved Solids (SM 2540C-2011)	**140**		10	10	mg/L			02/28/25 14:16	1

Client Sample ID: SCH-CELL3-FD-9

Lab Sample ID: 680-262261-8

Date Collected: 02/25/25 00:00

Matrix: Water

Date Received: 02/26/25 12:00

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**87**		5.0	2.0	mg/L			03/07/25 14:35	5
Fluoride	<0.040		0.10	0.040	mg/L			03/06/25 18:30	1
Chloride	**15**	**F1**	1.0	0.20	mg/L			03/06/25 18:30	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/27/25 05:17	02/27/25 21:32	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/27/25 05:17	02/27/25 21:32	1
Barium	**0.029**		0.010	0.00089	mg/L		02/27/25 05:17	02/27/25 21:32	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/27/25 05:17	02/27/25 21:32	1
Boron	**0.47**		0.080	0.022	mg/L		02/27/25 05:17	02/27/25 21:32	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/27/25 05:17	02/27/25 21:32	1
Calcium	**22**		0.50	0.14	mg/L		02/27/25 05:17	02/27/25 21:32	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/27/25 05:17	02/27/25 21:32	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/27/25 05:17	02/27/25 21:32	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/27/25 05:17	02/27/25 21:32	1

Client Sample ID: SCH-CELL3-FD-9

Lab Sample ID: 680-262261-8

Date Collected: 02/25/25 00:00

Matrix: Water

Date Received: 02/26/25 12:00

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	<0.00021		0.0010	0.00021	mg/L		02/27/25 05:17	02/27/25 21:32	1
Lithium	<0.0020		0.0050	0.0020	mg/L		02/27/25 05:17	02/28/25 10:57	1
Magnesium	**15**		0.50	0.023	mg/L		02/27/25 05:17	02/27/25 21:32	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/27/25 05:17	02/27/25 21:32	1
Nickel	**0.00064**	**J**	0.0010	0.00042	mg/L		02/27/25 05:17	02/27/25 21:32	1
Potassium	**1.0**		0.50	0.044	mg/L		02/27/25 05:17	02/27/25 21:32	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/27/25 05:17	02/27/25 21:32	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/27/25 05:17	02/27/25 21:32	1
Sodium	**29**		0.50	0.20	mg/L		02/27/25 05:17	02/27/25 21:32	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/27/25 05:17	02/27/25 21:32	1
Vanadium	**0.0065**		0.0020	0.00063	mg/L		02/27/25 05:17	02/27/25 21:32	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/27/25 05:17	02/27/25 21:32	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/06/25 15:04	03/07/25 09:04	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**65**		5.0	2.2	mg/L			02/27/25 21:32	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**65**		5.0	2.2	mg/L			02/27/25 21:32	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/27/25 21:32	1
Total Dissolved Solids (SM 2540C-2011)	**220**		40	40	mg/L			02/28/25 14:16	1

Client Sample ID: SCH-CELL3-FD-10

Lab Sample ID: 680-262261-9

Date Collected: 02/25/25 00:00

Matrix: Water

Date Received: 02/26/25 12:00

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**23**		1.0	0.40	mg/L			03/06/25 19:00	1
Fluoride	**0.31**		0.10	0.040	mg/L			03/06/25 19:00	1
Chloride	**5.3**		1.0	0.20	mg/L			03/06/25 19:00	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/27/25 05:17	02/27/25 21:35	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/27/25 05:17	02/27/25 21:35	1
Barium	**0.020**		0.010	0.00089	mg/L		02/27/25 05:17	02/27/25 21:35	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/27/25 05:17	02/27/25 21:35	1
Boron	<0.022		0.080	0.022	mg/L		02/27/25 05:17	02/27/25 21:35	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/27/25 05:17	02/27/25 21:35	1
Calcium	**15**		0.50	0.14	mg/L		02/27/25 05:17	02/27/25 21:35	1
Chromium	**0.0025**		0.0020	0.0012	mg/L		02/27/25 05:17	02/27/25 21:35	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/27/25 05:17	02/27/25 21:35	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/27/25 05:17	02/27/25 21:35	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/27/25 05:17	02/27/25 21:35	1
Lithium	<0.0020		0.0050	0.0020	mg/L		02/27/25 05:17	02/28/25 11:09	1

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-262261-1

Client Sample ID: SCH-CELL3-FD-10
Date Collected: 02/25/25 00:00
Date Received: 02/26/25 12:00

Lab Sample ID: 680-262261-9
Matrix: Water

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Magnesium	**6.0**		0.50	0.023	mg/L		02/27/25 05:17	02/27/25 21:35	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/27/25 05:17	02/27/25 21:35	1
Nickel	**0.0010**		0.0010	0.00042	mg/L		02/27/25 05:17	02/27/25 21:35	1
Potassium	**0.56**		0.50	0.044	mg/L		02/27/25 05:17	02/27/25 21:35	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/27/25 05:17	02/27/25 21:35	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/27/25 05:17	02/27/25 21:35	1
Sodium	**11**		0.50	0.20	mg/L		02/27/25 05:17	02/27/25 21:35	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/27/25 05:17	02/27/25 21:35	1
Vanadium	**0.0059**		0.0020	0.00063	mg/L		02/27/25 05:17	02/27/25 21:35	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/27/25 05:17	02/27/25 21:35	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/06/25 15:04	03/07/25 09:28	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**79**		5.0	2.2	mg/L			02/27/25 21:02	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**79**		5.0	2.2	mg/L			02/27/25 21:02	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/27/25 21:02	1
Total Dissolved Solids (SM 2540C-2011)	**130**		10	10	mg/L			02/28/25 14:16	1

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography

Lab Sample ID: MB 680-877916/33
Matrix: Water
Analysis Batch: 877916

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.40		1.0	0.40	mg/L			03/05/25 18:21	1
Fluoride	<0.040		0.10	0.040	mg/L			03/05/25 18:21	1
Chloride	<0.20		1.0	0.20	mg/L			03/05/25 18:21	1

Lab Sample ID: LCS 680-877916/34
Matrix: Water
Analysis Batch: 877916

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	10.0	10.4		mg/L		104	90 - 110
Fluoride	2.00	2.06		mg/L		103	90 - 110
Chloride	10.0	10.0		mg/L		100	90 - 110

Lab Sample ID: LCSD 680-877916/35
Matrix: Water
Analysis Batch: 877916

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	10.0	10.4		mg/L		104	90 - 110	0	15
Fluoride	2.00	2.06		mg/L		103	90 - 110	0	15
Chloride	10.0	10.1		mg/L		101	90 - 110	0	15

Lab Sample ID: 680-262255-D-7 MS
Matrix: Water
Analysis Batch: 877916

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	0.48	J F1 F2	10.0	4.66	F1	mg/L		42	80 - 120
Fluoride	<0.040	F1 F2	2.00	0.996	F1	mg/L		50	80 - 120
Chloride	3.9	F1 F2	10.0	9.61	F1	mg/L		57	80 - 120

Lab Sample ID: 680-262255-D-7 MSD
Matrix: Water
Analysis Batch: 877916

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	0.48	J F1 F2	10.0	10.2	F2	mg/L		97	80 - 120	74	15
Fluoride	<0.040	F1 F2	2.00	1.89	F2	mg/L		94	80 - 120	62	15
Chloride	3.9	F1 F2	10.0	14.1	F2	mg/L		102	80 - 120	38	15

Lab Sample ID: MB 680-877958/2
Matrix: Water
Analysis Batch: 877958

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.40		1.0	0.40	mg/L			03/06/25 09:34	1
Fluoride	<0.040		0.10	0.040	mg/L			03/06/25 09:34	1
Chloride	<0.20		1.0	0.20	mg/L			03/06/25 09:34	1

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 680-877958/3
Matrix: Water
Analysis Batch: 877958

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	10.0	11.0		mg/L		110	90 - 110
Fluoride	2.00	2.18		mg/L		109	90 - 110
Chloride	10.0	10.0		mg/L		100	90 - 110

Lab Sample ID: LCSD 680-877958/4
Matrix: Water
Analysis Batch: 877958

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	10.0	10.9		mg/L		109	90 - 110	1	15
Fluoride	2.00	2.17		mg/L		108	90 - 110	1	15
Chloride	10.0	10.0		mg/L		100	90 - 110	0	15

Lab Sample ID: 680-262261-2 MS
Matrix: Water
Analysis Batch: 877958

Client Sample ID: SCH-GWC-37
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	<0.40	F1	10.0	7.29	F1	mg/L		73	80 - 120
Fluoride	<0.040	F1	2.00	1.53	F1	mg/L		76	80 - 120
Chloride	1.6	F1	10.0	9.54	F1	mg/L		79	80 - 120

Lab Sample ID: 680-262261-2 MSD
Matrix: Water
Analysis Batch: 877958

Client Sample ID: SCH-GWC-37
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	<0.40	F1	10.0	6.57	F1	mg/L		66	80 - 120	10	15
Fluoride	<0.040	F1	2.00	1.43	F1	mg/L		71	80 - 120	7	15
Chloride	1.6	F1	10.0	9.01	F1	mg/L		74	80 - 120	6	15

Lab Sample ID: 680-262261-8 MS
Matrix: Water
Analysis Batch: 877958

Client Sample ID: SCH-CELL3-FD-9
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	110	E	10.0	122	E 4	mg/L		116	80 - 120
Fluoride	<0.040		2.00	1.77		mg/L		88	80 - 120
Chloride	15	F1	10.0	22.9	E F1	mg/L		78	80 - 120

Lab Sample ID: 680-262261-8 MSD
Matrix: Water
Analysis Batch: 877958

Client Sample ID: SCH-CELL3-FD-9
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	110	E	10.0	123	E 4	mg/L		122	80 - 120	1	15
Fluoride	<0.040		2.00	1.85		mg/L		92	80 - 120	4	15
Chloride	15	F1	10.0	23.2	E	mg/L		81	80 - 120	1	15

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 680-878139/2
Matrix: Water
Analysis Batch: 878139

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.40		1.0	0.40	mg/L			03/07/25 11:51	1
Fluoride	<0.040		0.10	0.040	mg/L			03/07/25 11:51	1
Chloride	<0.20		1.0	0.20	mg/L			03/07/25 11:51	1

Lab Sample ID: LCS 680-878139/3
Matrix: Water
Analysis Batch: 878139

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	10.0	10.9		mg/L		109	90 - 110
Fluoride	2.00	2.07		mg/L		104	90 - 110
Chloride	10.0	10.1		mg/L		101	90 - 110

Lab Sample ID: LCSD 680-878139/4
Matrix: Water
Analysis Batch: 878139

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	10.0	11.0		mg/L		110	90 - 110	1	15
Fluoride	2.00	2.06		mg/L		103	90 - 110	0	15
Chloride	10.0	10.1		mg/L		101	90 - 110	0	15

Lab Sample ID: 752-29902-A-1 MS
Matrix: Water
Analysis Batch: 878139

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	10	F1 F2	10.0	18.0	F1	mg/L		76	80 - 120
Fluoride	<0.040	F1 F2	2.00	1.40	F1	mg/L		70	80 - 120
Chloride	2.0	F1	10.0	7.87	F1	mg/L		59	80 - 120

Lab Sample ID: 752-29902-A-1 MSD
Matrix: Water
Analysis Batch: 878139

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	10	F1 F2	10.0	14.6	F1 F2	mg/L		43	80 - 120	21	15
Fluoride	<0.040	F1 F2	2.00	0.916	F1 F2	mg/L		46	80 - 120	41	15
Chloride	2.0	F1	10.0	7.12	F1	mg/L		52	80 - 120	10	15

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 680-877177/1-A
Matrix: Water
Analysis Batch: 877339

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 877177

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/27/25 05:17	02/27/25 18:24	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/27/25 05:17	02/27/25 18:24	1
Barium	<0.00089		0.010	0.00089	mg/L		02/27/25 05:17	02/27/25 18:24	1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 680-877177/1-A
Matrix: Water
Analysis Batch: 877339

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 877177

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/27/25 05:17	02/27/25 18:24	1
Boron	<0.022		0.080	0.022	mg/L		02/27/25 05:17	02/27/25 18:24	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/27/25 05:17	02/27/25 18:24	1
Calcium	<0.14		0.50	0.14	mg/L		02/27/25 05:17	02/27/25 18:24	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/27/25 05:17	02/27/25 18:24	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/27/25 05:17	02/27/25 18:24	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/27/25 05:17	02/27/25 18:24	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/27/25 05:17	02/27/25 18:24	1
Magnesium	<0.023		0.50	0.023	mg/L		02/27/25 05:17	02/27/25 18:24	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/27/25 05:17	02/27/25 18:24	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/27/25 05:17	02/27/25 18:24	1
Potassium	<0.044		0.50	0.044	mg/L		02/27/25 05:17	02/27/25 18:24	1
Selenium	0.00140	J	0.0050	0.00099	mg/L		02/27/25 05:17	02/27/25 18:24	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/27/25 05:17	02/27/25 18:24	1
Sodium	<0.20		0.50	0.20	mg/L		02/27/25 05:17	02/27/25 18:24	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/27/25 05:17	02/27/25 18:24	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/27/25 05:17	02/27/25 18:24	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/27/25 05:17	02/27/25 18:24	1

Lab Sample ID: MB 680-877177/1-A
Matrix: Water
Analysis Batch: 877468

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 877177

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.0020		0.0050	0.0020	mg/L		02/27/25 05:17	02/28/25 12:26	1

Lab Sample ID: LCS 680-877177/2-A
Matrix: Water
Analysis Batch: 877339

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 877177

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.0500	0.0497		mg/L		99	80 - 120
Arsenic	0.100	0.103		mg/L		103	80 - 120
Barium	0.100	0.104		mg/L		104	80 - 120
Beryllium	0.0500	0.0507		mg/L		101	80 - 120
Boron	0.400	0.387		mg/L		97	80 - 120
Cadmium	0.0500	0.0528		mg/L		106	80 - 120
Calcium	5.00	5.07		mg/L		101	80 - 120
Chromium	0.100	0.104		mg/L		104	80 - 120
Cobalt	0.0500	0.0544		mg/L		109	80 - 120
Copper	0.101	0.108		mg/L		107	80 - 120
Lead	0.500	0.523		mg/L		105	80 - 120
Magnesium	5.00	4.81		mg/L		96	80 - 120
Molybdenum	0.100	0.101		mg/L		101	80 - 120
Nickel	0.100	0.105		mg/L		105	80 - 120
Potassium	7.00	7.51		mg/L		107	80 - 120
Selenium	0.100	0.104		mg/L		104	80 - 120
Silver	0.0500	0.0525		mg/L		105	80 - 120
Sodium	5.00	4.99		mg/L		100	80 - 120

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 680-877177/2-A
Matrix: Water
Analysis Batch: 877339

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 877177

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Thallium	0.0500	0.0515		mg/L		103	80 - 120
Vanadium	0.100	0.103		mg/L		103	80 - 120
Zinc	0.100	0.108		mg/L		108	80 - 120

Lab Sample ID: LCS 680-877177/2-A
Matrix: Water
Analysis Batch: 877468

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 877177

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	0.500	0.477		mg/L		95	80 - 120

Lab Sample ID: 680-262261-7 MS
Matrix: Water
Analysis Batch: 877339

Client Sample ID: SCH-GWC-31
Prep Type: Total Recoverable
Prep Batch: 877177

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.00034		0.0500	0.0515		mg/L		103	75 - 125
Arsenic	<0.00086		0.100	0.104		mg/L		104	75 - 125
Barium	0.014		0.100	0.118		mg/L		104	75 - 125
Beryllium	<0.00020		0.0500	0.0543		mg/L		109	75 - 125
Boron	<0.022		0.400	0.424		mg/L		106	75 - 125
Cadmium	<0.000078		0.0500	0.0534		mg/L		107	75 - 125
Calcium	17		5.00	21.3		mg/L		95	75 - 125
Chromium	0.0025		0.100	0.109		mg/L		106	75 - 125
Cobalt	<0.00022		0.0500	0.0546		mg/L		109	75 - 125
Copper	<0.0011		0.101	0.108		mg/L		107	75 - 125
Lead	<0.00021		0.500	0.522		mg/L		104	75 - 125
Magnesium	8.3		5.00	12.6		mg/L		87	75 - 125
Molybdenum	<0.00086		0.100	0.104		mg/L		104	75 - 125
Nickel	<0.00042		0.100	0.106		mg/L		106	75 - 125
Potassium	1.1		7.00	8.73		mg/L		109	75 - 125
Selenium	0.0012	J B	0.100	0.105		mg/L		104	75 - 125
Silver	<0.00039	F1	0.0500	0.0632	F1	mg/L		126	75 - 125
Sodium	15		5.00	19.9		mg/L		89	75 - 125
Thallium	<0.00026		0.0500	0.0522		mg/L		104	75 - 125
Vanadium	0.015		0.100	0.120		mg/L		105	75 - 125
Zinc	<0.0028		0.100	0.107		mg/L		107	75 - 125

Lab Sample ID: 680-262261-7 MS
Matrix: Water
Analysis Batch: 877468

Client Sample ID: SCH-GWC-31
Prep Type: Total Recoverable
Prep Batch: 877177

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	<0.0020		0.500	0.468		mg/L		94	75 - 125

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 680-262261-7 MSD
Matrix: Water
Analysis Batch: 877339

Client Sample ID: SCH-GWC-31
Prep Type: Total Recoverable
Prep Batch: 877177

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.00034		0.0500	0.0501		mg/L		100	75 - 125	3	20
Arsenic	<0.00086		0.100	0.100		mg/L		100	75 - 125	4	20
Barium	0.014		0.100	0.117		mg/L		103	75 - 125	1	20
Beryllium	<0.00020		0.0500	0.0518		mg/L		104	75 - 125	5	20
Boron	<0.022		0.400	0.407		mg/L		102	75 - 125	4	20
Cadmium	<0.000078		0.0500	0.0528		mg/L		106	75 - 125	1	20
Calcium	17		5.00	20.8		mg/L		84	75 - 125	2	20
Chromium	0.0025		0.100	0.107		mg/L		105	75 - 125	1	20
Cobalt	<0.00022		0.0500	0.0528		mg/L		106	75 - 125	3	20
Copper	<0.0011		0.101	0.105		mg/L		104	75 - 125	3	20
Lead	<0.00021		0.500	0.513		mg/L		103	75 - 125	2	20
Magnesium	8.3		5.00	12.5		mg/L		83	75 - 125	1	20
Molybdenum	<0.00086		0.100	0.101		mg/L		101	75 - 125	3	20
Nickel	<0.00042		0.100	0.105		mg/L		105	75 - 125	1	20
Potassium	1.1		7.00	8.54		mg/L		107	75 - 125	2	20
Selenium	0.0012	J B	0.100	0.102		mg/L		101	75 - 125	3	20
Silver	<0.00039	F1	0.0500	0.0608		mg/L		122	75 - 125	4	20
Sodium	15		5.00	19.8		mg/L		88	75 - 125	0	20
Thallium	<0.00026		0.0500	0.0516		mg/L		103	75 - 125	1	20
Vanadium	0.015		0.100	0.116		mg/L		101	75 - 125	4	20
Zinc	<0.0028		0.100	0.103		mg/L		103	75 - 125	4	20

Lab Sample ID: 680-262261-7 MSD
Matrix: Water
Analysis Batch: 877468

Client Sample ID: SCH-GWC-31
Prep Type: Total Recoverable
Prep Batch: 877177

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lithium	<0.0020		0.500	0.474		mg/L		95	75 - 125	1	20

Lab Sample ID: MB 680-877179/1-A
Matrix: Water
Analysis Batch: 877339

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 877179

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/27/25 05:17	02/27/25 20:48	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/27/25 05:17	02/27/25 20:48	1
Barium	<0.00089		0.010	0.00089	mg/L		02/27/25 05:17	02/27/25 20:48	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/27/25 05:17	02/27/25 20:48	1
Boron	<0.022		0.080	0.022	mg/L		02/27/25 05:17	02/27/25 20:48	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/27/25 05:17	02/27/25 20:48	1
Calcium	<0.14		0.50	0.14	mg/L		02/27/25 05:17	02/27/25 20:48	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/27/25 05:17	02/27/25 20:48	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/27/25 05:17	02/27/25 20:48	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/27/25 05:17	02/27/25 20:48	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/27/25 05:17	02/27/25 20:48	1
Magnesium	<0.023		0.50	0.023	mg/L		02/27/25 05:17	02/27/25 20:48	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/27/25 05:17	02/27/25 20:48	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/27/25 05:17	02/27/25 20:48	1
Potassium	<0.044		0.50	0.044	mg/L		02/27/25 05:17	02/27/25 20:48	1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 680-877179/1-A
Matrix: Water
Analysis Batch: 877339

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 877179

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	<0.00099		0.0050	0.00099	mg/L		02/27/25 05:17	02/27/25 20:48	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/27/25 05:17	02/27/25 20:48	1
Sodium	<0.20		0.50	0.20	mg/L		02/27/25 05:17	02/27/25 20:48	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/27/25 05:17	02/27/25 20:48	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/27/25 05:17	02/27/25 20:48	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/27/25 05:17	02/27/25 20:48	1

Lab Sample ID: MB 680-877179/1-A
Matrix: Water
Analysis Batch: 877468

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 877179

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.0020		0.0050	0.0020	mg/L		02/27/25 05:17	02/28/25 10:20	1

Lab Sample ID: LCS 680-877179/2-A
Matrix: Water
Analysis Batch: 877339

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 877179

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.0500	0.0485		mg/L		97	80 - 120
Arsenic	0.100	0.0975		mg/L		98	80 - 120
Barium	0.100	0.101		mg/L		101	80 - 120
Beryllium	0.0500	0.0528		mg/L		106	80 - 120
Boron	0.400	0.406		mg/L		101	80 - 120
Cadmium	0.0500	0.0519		mg/L		104	80 - 120
Calcium	5.00	4.89		mg/L		98	80 - 120
Chromium	0.100	0.101		mg/L		101	80 - 120
Cobalt	0.0500	0.0514		mg/L		103	80 - 120
Copper	0.101	0.103		mg/L		102	80 - 120
Lead	0.500	0.500		mg/L		100	80 - 120
Magnesium	5.00	4.56		mg/L		91	80 - 120
Molybdenum	0.100	0.100		mg/L		100	80 - 120
Nickel	0.100	0.102		mg/L		102	80 - 120
Potassium	7.00	7.22		mg/L		103	80 - 120
Selenium	0.100	0.0996		mg/L		100	80 - 120
Silver	0.0500	0.0529		mg/L		106	80 - 120
Sodium	5.00	4.91		mg/L		98	80 - 120
Thallium	0.0500	0.0488		mg/L		98	80 - 120
Vanadium	0.100	0.0976		mg/L		98	80 - 120
Zinc	0.100	0.102		mg/L		102	80 - 120

Lab Sample ID: LCS 680-877179/2-A
Matrix: Water
Analysis Batch: 877468

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 877179

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	0.500	0.463		mg/L		93	80 - 120

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 400-271384-I-3-B MS
Matrix: Water
Analysis Batch: 877339

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 877179

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.00034		0.0500	0.0506		mg/L		101	75 - 125
Arsenic	0.0030		0.100	0.104		mg/L		100	75 - 125
Barium	0.059		0.100	0.146		mg/L		87	75 - 125
Beryllium	<0.00020		0.0500	0.0544		mg/L		109	75 - 125
Boron	0.089		0.400	0.510		mg/L		105	75 - 125
Cadmium	<0.000078		0.0500	0.0522		mg/L		104	75 - 125
Calcium	26		5.00	24.9	4	mg/L		-15	75 - 125
Chromium	<0.0012		0.100	0.103		mg/L		103	75 - 125
Cobalt	0.018		0.0500	0.0665		mg/L		97	75 - 125
Copper	0.0021		0.101	0.104		mg/L		101	75 - 125
Lead	0.00082	J	0.500	0.523		mg/L		104	75 - 125
Magnesium	7.1		5.00	11.5		mg/L		88	75 - 125
Molybdenum	<0.00086		0.100	0.103		mg/L		103	75 - 125
Nickel	0.014		0.100	0.112		mg/L		98	75 - 125
Potassium	0.80		7.00	8.25		mg/L		106	75 - 125
Selenium	0.0014	J	0.100	0.101		mg/L		99	75 - 125
Silver	<0.00039	F1	0.0500	0.0614		mg/L		123	75 - 125
Sodium	310		5.00	306	4	mg/L		-162	75 - 125
Thallium	<0.00026		0.0500	0.0514		mg/L		103	75 - 125
Vanadium	0.0051		0.100	0.106		mg/L		101	75 - 125
Zinc	0.15	F1	0.100	0.206	F1	mg/L		60	75 - 125

Lab Sample ID: 400-271384-I-3-B MS
Matrix: Water
Analysis Batch: 877468

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 877179

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	0.0038	J	0.500	0.468		mg/L		93	75 - 125

Lab Sample ID: 400-271384-I-3-C MSD
Matrix: Water
Analysis Batch: 877339

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 877179

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.00034		0.0500	0.0546		mg/L		109	75 - 125	8	20
Arsenic	0.0030		0.100	0.109		mg/L		106	75 - 125	5	20
Barium	0.059		0.100	0.146		mg/L		87	75 - 125	0	20
Beryllium	<0.00020		0.0500	0.0580		mg/L		116	75 - 125	6	20
Boron	0.089		0.400	0.546		mg/L		114	75 - 125	7	20
Cadmium	<0.000078		0.0500	0.0549		mg/L		110	75 - 125	5	20
Calcium	26		5.00	23.0	4	mg/L		-52	75 - 125	8	20
Chromium	<0.0012		0.100	0.108		mg/L		108	75 - 125	5	20
Cobalt	0.018		0.0500	0.0670		mg/L		98	75 - 125	1	20
Copper	0.0021		0.101	0.110		mg/L		107	75 - 125	5	20
Lead	0.00082	J	0.500	0.556		mg/L		111	75 - 125	6	20
Magnesium	7.1		5.00	11.7		mg/L		92	75 - 125	1	20
Molybdenum	<0.00086		0.100	0.108		mg/L		108	75 - 125	5	20
Nickel	0.014		0.100	0.116		mg/L		101	75 - 125	3	20
Potassium	0.80		7.00	8.43		mg/L		109	75 - 125	2	20

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 400-271384-I-3-C MSD
Matrix: Water
Analysis Batch: 877339

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 877179

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Selenium	0.0014	J	0.100	0.106		mg/L		105	75 - 125	5	20
Silver	<0.00039	F1	0.0500	0.0650	F1	mg/L		130	75 - 125	6	20
Sodium	310		5.00	316	4	mg/L		25	75 - 125	3	20
Thallium	<0.00026		0.0500	0.0546		mg/L		109	75 - 125	6	20
Vanadium	0.0051		0.100	0.112		mg/L		107	75 - 125	5	20
Zinc	0.15	F1	0.100	0.190	F1	mg/L		44	75 - 125	8	20

Lab Sample ID: 400-271384-I-3-C MSD
Matrix: Water
Analysis Batch: 877468

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 877179

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lithium	0.0038	J	0.500	0.443		mg/L		88	75 - 125	5	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 680-878053/1-A
Matrix: Water
Analysis Batch: 878134

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 878053

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/06/25 15:04	03/07/25 08:38	1

Lab Sample ID: LCS 680-878053/2-A
Matrix: Water
Analysis Batch: 878134

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 878053

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00250	0.00239		mg/L		96	80 - 120

Lab Sample ID: 680-262261-1 MS
Matrix: Water
Analysis Batch: 878134

Client Sample ID: SCH-GWC-38
Prep Type: Total/NA
Prep Batch: 878053

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.000080		0.00100	0.00105		mg/L		105	80 - 120

Lab Sample ID: 680-262261-1 MSD
Matrix: Water
Analysis Batch: 878134

Client Sample ID: SCH-GWC-38
Prep Type: Total/NA
Prep Batch: 878053

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.000080		0.00100	0.00105		mg/L		105	80 - 120	0	20

Method: 2320B-2011 - Alkalinity, Total

Lab Sample ID: MB 680-877371/4
Matrix: Water
Analysis Batch: 877371

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5	<2.2		5.0	2.2	mg/L			02/27/25 17:35	1
Bicarbonate Alkalinity as CaCO3	<2.2		5.0	2.2	mg/L			02/27/25 17:35	1
Carbonate Alkalinity as CaCO3	<2.2		5.0	2.2	mg/L			02/27/25 17:35	1

Lab Sample ID: LCS 680-877371/6
Matrix: Water
Analysis Batch: 877371

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Alkalinity as CaCO3 to pH 4.5			250	242		mg/L		97	90 - 112		

Lab Sample ID: LCSD 680-877371/31
Matrix: Water
Analysis Batch: 877371

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5			250	249		mg/L		99	90 - 112	3	30

Lab Sample ID: 680-262223-E-4 DU
Matrix: Water
Analysis Batch: 877371

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	12			10.9		mg/L				8	30
Bicarbonate Alkalinity as CaCO3	12			10.9		mg/L				8	30
Carbonate Alkalinity as CaCO3	<2.2			<2.2		mg/L				NC	30

Lab Sample ID: 680-262223-E-8 DU
Matrix: Water
Analysis Batch: 877371

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	16			11.9		mg/L				26	30
Bicarbonate Alkalinity as CaCO3	16			11.9		mg/L				26	30
Carbonate Alkalinity as CaCO3	<2.2			<2.2		mg/L				NC	30

Lab Sample ID: MB 680-877372/4
Matrix: Water
Analysis Batch: 877372

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5	<2.2		5.0	2.2	mg/L			02/27/25 22:53	1
Bicarbonate Alkalinity as CaCO3	<2.2		5.0	2.2	mg/L			02/27/25 22:53	1
Carbonate Alkalinity as CaCO3	<2.2		5.0	2.2	mg/L			02/27/25 22:53	1

Method: 2320B-2011 - Alkalinity, Total (Continued)

Lab Sample ID: LCS 680-877372/6
Matrix: Water
Analysis Batch: 877372

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity as CaCO3 to pH 4.5	250	248		mg/L		99	90 - 112

Lab Sample ID: LCSD 680-877372/31
Matrix: Water
Analysis Batch: 877372

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	250	259		mg/L		103	90 - 112	4	30

Lab Sample ID: 680-262261-2 DU
Matrix: Water
Analysis Batch: 877372

Client Sample ID: SCH-GWC-37
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	82		83.5		mg/L		2	30
Bicarbonate Alkalinity as CaCO3	82		83.5		mg/L		2	30
Carbonate Alkalinity as CaCO3	<2.2		<2.2		mg/L		NC	30

Method: 2540C-2011 - Total Dissolved Solids (Dried at 180 °C)

Lab Sample ID: MB 680-877333/1
Matrix: Water
Analysis Batch: 877333

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			02/28/25 09:06	1

Lab Sample ID: LCS 680-877333/2
Matrix: Water
Analysis Batch: 877333

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	2440	2480		mg/L		102	80 - 120

Lab Sample ID: LCSD 680-877333/3
Matrix: Water
Analysis Batch: 877333

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids	2440	2500		mg/L		103	80 - 120	1	25

Lab Sample ID: 680-262255-A-2 DU
Matrix: Water
Analysis Batch: 877333

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	350		358		mg/L		3	5

Method: 2540C-2011 - Total Dissolved Solids (Dried at 180 °C) (Continued)

Lab Sample ID: MB 680-877383/1
Matrix: Water
Analysis Batch: 877383

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			02/28/25 14:16	1

Lab Sample ID: LCS 680-877383/2
Matrix: Water
Analysis Batch: 877383

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids			2440	2390		mg/L		98	80 - 120		

Lab Sample ID: LCSD 680-877383/3
Matrix: Water
Analysis Batch: 877383

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids			2440	2360		mg/L		97	80 - 120	1	25

Lab Sample ID: 680-262261-8 DU
Matrix: Water
Analysis Batch: 877383

Client Sample ID: SCH-CELL3-FD-9
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	220			222		mg/L				3	5

HPLC/IC

Analysis Batch: 877916

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262261-1	SCH-GWC-38	Total/NA	Water	300.0-1993 R2.1	
MB 680-877916/33	Method Blank	Total/NA	Water	300.0-1993 R2.1	
LCS 680-877916/34	Lab Control Sample	Total/NA	Water	300.0-1993 R2.1	
LCSD 680-877916/35	Lab Control Sample Dup	Total/NA	Water	300.0-1993 R2.1	
680-262255-D-7 MS	Matrix Spike	Total/NA	Water	300.0-1993 R2.1	
680-262255-D-7 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0-1993 R2.1	

Analysis Batch: 877958

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262261-2	SCH-GWC-37	Total/NA	Water	300.0-1993 R2.1	
680-262261-3	SCH-GWC-35	Total/NA	Water	300.0-1993 R2.1	
680-262261-4	SCH-GWC-34	Total/NA	Water	300.0-1993 R2.1	
680-262261-5	SCH-GWC-33A	Total/NA	Water	300.0-1993 R2.1	
680-262261-6	SCH-GWC-32	Total/NA	Water	300.0-1993 R2.1	
680-262261-7	SCH-GWC-31	Total/NA	Water	300.0-1993 R2.1	
680-262261-8	SCH-CELL3-FD-9	Total/NA	Water	300.0-1993 R2.1	
680-262261-9	SCH-CELL3-FD-10	Total/NA	Water	300.0-1993 R2.1	
MB 680-877958/2	Method Blank	Total/NA	Water	300.0-1993 R2.1	
LCS 680-877958/3	Lab Control Sample	Total/NA	Water	300.0-1993 R2.1	
LCSD 680-877958/4	Lab Control Sample Dup	Total/NA	Water	300.0-1993 R2.1	
680-262261-2 MS	SCH-GWC-37	Total/NA	Water	300.0-1993 R2.1	
680-262261-2 MSD	SCH-GWC-37	Total/NA	Water	300.0-1993 R2.1	
680-262261-8 MS	SCH-CELL3-FD-9	Total/NA	Water	300.0-1993 R2.1	
680-262261-8 MSD	SCH-CELL3-FD-9	Total/NA	Water	300.0-1993 R2.1	

Analysis Batch: 878139

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262261-8	SCH-CELL3-FD-9	Total/NA	Water	300.0-1993 R2.1	
MB 680-878139/2	Method Blank	Total/NA	Water	300.0-1993 R2.1	
LCS 680-878139/3	Lab Control Sample	Total/NA	Water	300.0-1993 R2.1	
LCSD 680-878139/4	Lab Control Sample Dup	Total/NA	Water	300.0-1993 R2.1	
752-29902-A-1 MS	Matrix Spike	Total/NA	Water	300.0-1993 R2.1	
752-29902-A-1 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0-1993 R2.1	

Metals

Prep Batch: 877177

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262261-1	SCH-GWC-38	Total Recoverable	Water	3005A	
680-262261-2	SCH-GWC-37	Total Recoverable	Water	3005A	
680-262261-3	SCH-GWC-35	Total Recoverable	Water	3005A	
680-262261-7	SCH-GWC-31	Total Recoverable	Water	3005A	
MB 680-877177/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-877177/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
680-262261-7 MS	SCH-GWC-31	Total Recoverable	Water	3005A	
680-262261-7 MSD	SCH-GWC-31	Total Recoverable	Water	3005A	

Prep Batch: 877179

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262261-4	SCH-GWC-34	Total Recoverable	Water	3005A	
680-262261-5	SCH-GWC-33A	Total Recoverable	Water	3005A	

Metals (Continued)

Prep Batch: 877179 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262261-6	SCH-GWC-32	Total Recoverable	Water	3005A	
680-262261-8	SCH-CELL3-FD-9	Total Recoverable	Water	3005A	
680-262261-9	SCH-CELL3-FD-10	Total Recoverable	Water	3005A	
MB 680-877179/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-877179/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
400-271384-I-3-B MS	Matrix Spike	Total Recoverable	Water	3005A	
400-271384-I-3-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Analysis Batch: 877339

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262261-1	SCH-GWC-38	Total Recoverable	Water	6020B	877177
680-262261-2	SCH-GWC-37	Total Recoverable	Water	6020B	877177
680-262261-3	SCH-GWC-35	Total Recoverable	Water	6020B	877177
680-262261-4	SCH-GWC-34	Total Recoverable	Water	6020B	877179
680-262261-5	SCH-GWC-33A	Total Recoverable	Water	6020B	877179
680-262261-6	SCH-GWC-32	Total Recoverable	Water	6020B	877179
680-262261-7	SCH-GWC-31	Total Recoverable	Water	6020B	877177
680-262261-8	SCH-CELL3-FD-9	Total Recoverable	Water	6020B	877179
680-262261-9	SCH-CELL3-FD-10	Total Recoverable	Water	6020B	877179
MB 680-877177/1-A	Method Blank	Total Recoverable	Water	6020B	877177
MB 680-877179/1-A	Method Blank	Total Recoverable	Water	6020B	877179
LCS 680-877177/2-A	Lab Control Sample	Total Recoverable	Water	6020B	877177
LCS 680-877179/2-A	Lab Control Sample	Total Recoverable	Water	6020B	877179
400-271384-I-3-B MS	Matrix Spike	Total Recoverable	Water	6020B	877179
400-271384-I-3-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020B	877179
680-262261-7 MS	SCH-GWC-31	Total Recoverable	Water	6020B	877177
680-262261-7 MSD	SCH-GWC-31	Total Recoverable	Water	6020B	877177

Analysis Batch: 877468

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262261-1	SCH-GWC-38	Total Recoverable	Water	6020B	877177
680-262261-2	SCH-GWC-37	Total Recoverable	Water	6020B	877177
680-262261-3	SCH-GWC-35	Total Recoverable	Water	6020B	877177
680-262261-4	SCH-GWC-34	Total Recoverable	Water	6020B	877179
680-262261-5	SCH-GWC-33A	Total Recoverable	Water	6020B	877179
680-262261-6	SCH-GWC-32	Total Recoverable	Water	6020B	877179
680-262261-7	SCH-GWC-31	Total Recoverable	Water	6020B	877177
680-262261-8	SCH-CELL3-FD-9	Total Recoverable	Water	6020B	877179
680-262261-9	SCH-CELL3-FD-10	Total Recoverable	Water	6020B	877179
MB 680-877177/1-A	Method Blank	Total Recoverable	Water	6020B	877177
MB 680-877179/1-A	Method Blank	Total Recoverable	Water	6020B	877179
LCS 680-877177/2-A	Lab Control Sample	Total Recoverable	Water	6020B	877177
LCS 680-877179/2-A	Lab Control Sample	Total Recoverable	Water	6020B	877179
400-271384-I-3-B MS	Matrix Spike	Total Recoverable	Water	6020B	877179
400-271384-I-3-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020B	877179
680-262261-7 MS	SCH-GWC-31	Total Recoverable	Water	6020B	877177
680-262261-7 MSD	SCH-GWC-31	Total Recoverable	Water	6020B	877177

Prep Batch: 878053

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262261-1	SCH-GWC-38	Total/NA	Water	7470A	

Metals (Continued)

Prep Batch: 878053 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262261-2	SCH-GWC-37	Total/NA	Water	7470A	
680-262261-3	SCH-GWC-35	Total/NA	Water	7470A	
680-262261-4	SCH-GWC-34	Total/NA	Water	7470A	
680-262261-5	SCH-GWC-33A	Total/NA	Water	7470A	
680-262261-6	SCH-GWC-32	Total/NA	Water	7470A	
680-262261-7	SCH-GWC-31	Total/NA	Water	7470A	
680-262261-8	SCH-CELL3-FD-9	Total/NA	Water	7470A	
680-262261-9	SCH-CELL3-FD-10	Total/NA	Water	7470A	
MB 680-878053/1-A	Method Blank	Total/NA	Water	7470A	
LCS 680-878053/2-A	Lab Control Sample	Total/NA	Water	7470A	
680-262261-1 MS	SCH-GWC-38	Total/NA	Water	7470A	
680-262261-1 MSD	SCH-GWC-38	Total/NA	Water	7470A	

Analysis Batch: 878134

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262261-1	SCH-GWC-38	Total/NA	Water	7470A	878053
680-262261-2	SCH-GWC-37	Total/NA	Water	7470A	878053
680-262261-3	SCH-GWC-35	Total/NA	Water	7470A	878053
680-262261-4	SCH-GWC-34	Total/NA	Water	7470A	878053
680-262261-5	SCH-GWC-33A	Total/NA	Water	7470A	878053
680-262261-6	SCH-GWC-32	Total/NA	Water	7470A	878053
680-262261-7	SCH-GWC-31	Total/NA	Water	7470A	878053
680-262261-8	SCH-CELL3-FD-9	Total/NA	Water	7470A	878053
680-262261-9	SCH-CELL3-FD-10	Total/NA	Water	7470A	878053
MB 680-878053/1-A	Method Blank	Total/NA	Water	7470A	878053
LCS 680-878053/2-A	Lab Control Sample	Total/NA	Water	7470A	878053
680-262261-1 MS	SCH-GWC-38	Total/NA	Water	7470A	878053
680-262261-1 MSD	SCH-GWC-38	Total/NA	Water	7470A	878053

General Chemistry

Analysis Batch: 877333

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262261-1	SCH-GWC-38	Total/NA	Water	2540C-2011	
680-262261-2	SCH-GWC-37	Total/NA	Water	2540C-2011	
680-262261-3	SCH-GWC-35	Total/NA	Water	2540C-2011	
680-262261-4	SCH-GWC-34	Total/NA	Water	2540C-2011	
680-262261-5	SCH-GWC-33A	Total/NA	Water	2540C-2011	
680-262261-6	SCH-GWC-32	Total/NA	Water	2540C-2011	
MB 680-877333/1	Method Blank	Total/NA	Water	2540C-2011	
LCS 680-877333/2	Lab Control Sample	Total/NA	Water	2540C-2011	
LCSD 680-877333/3	Lab Control Sample Dup	Total/NA	Water	2540C-2011	
680-262255-A-2 DU	Duplicate	Total/NA	Water	2540C-2011	

Analysis Batch: 877371

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262261-1	SCH-GWC-38	Total/NA	Water	2320B-2011	
680-262261-3	SCH-GWC-35	Total/NA	Water	2320B-2011	
680-262261-5	SCH-GWC-33A	Total/NA	Water	2320B-2011	
680-262261-6	SCH-GWC-32	Total/NA	Water	2320B-2011	
680-262261-7	SCH-GWC-31	Total/NA	Water	2320B-2011	

General Chemistry (Continued)

Analysis Batch: 877371 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262261-8	SCH-CELL3-FD-9	Total/NA	Water	2320B-2011	
680-262261-9	SCH-CELL3-FD-10	Total/NA	Water	2320B-2011	
MB 680-877371/4	Method Blank	Total/NA	Water	2320B-2011	
LCS 680-877371/6	Lab Control Sample	Total/NA	Water	2320B-2011	
LCSD 680-877371/31	Lab Control Sample Dup	Total/NA	Water	2320B-2011	
680-262223-E-4 DU	Duplicate	Total/NA	Water	2320B-2011	
680-262223-E-8 DU	Duplicate	Total/NA	Water	2320B-2011	

Analysis Batch: 877372

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262261-2	SCH-GWC-37	Total/NA	Water	2320B-2011	
680-262261-4	SCH-GWC-34	Total/NA	Water	2320B-2011	
MB 680-877372/4	Method Blank	Total/NA	Water	2320B-2011	
LCS 680-877372/6	Lab Control Sample	Total/NA	Water	2320B-2011	
LCSD 680-877372/31	Lab Control Sample Dup	Total/NA	Water	2320B-2011	
680-262261-2 DU	SCH-GWC-37	Total/NA	Water	2320B-2011	

Analysis Batch: 877383

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262261-7	SCH-GWC-31	Total/NA	Water	2540C-2011	
680-262261-8	SCH-CELL3-FD-9	Total/NA	Water	2540C-2011	
680-262261-9	SCH-CELL3-FD-10	Total/NA	Water	2540C-2011	
MB 680-877383/1	Method Blank	Total/NA	Water	2540C-2011	
LCS 680-877383/2	Lab Control Sample	Total/NA	Water	2540C-2011	
LCSD 680-877383/3	Lab Control Sample Dup	Total/NA	Water	2540C-2011	
680-262261-8 DU	SCH-CELL3-FD-9	Total/NA	Water	2540C-2011	

Client Sample ID: SCH-GWC-38

Lab Sample ID: 680-262261-1

Date Collected: 02/25/25 14:55

Matrix: Water

Date Received: 02/26/25 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	877916	03/05/25 20:38	AF	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877177	02/27/25 05:17	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877468	02/28/25 12:54	BWR	EET SAV
	Instrument ID: ICPMSC									
Total Recoverable	Prep	3005A			25 mL	125 mL	877177	02/27/25 05:17	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877339	02/27/25 18:37	BWR	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	878053	03/06/25 15:04	MG	EET SAV
Total/NA	Analysis	7470A		1			878134	03/07/25 08:43	BCB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877371	02/27/25 19:36	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877333	02/28/25 09:06	AS	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-GWC-37

Lab Sample ID: 680-262261-2

Date Collected: 02/25/25 13:10

Matrix: Water

Date Received: 02/26/25 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	877958	03/06/25 15:53	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877177	02/27/25 05:17	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877468	02/28/25 13:03	BWR	EET SAV
	Instrument ID: ICPMSC									
Total Recoverable	Prep	3005A			25 mL	125 mL	877177	02/27/25 05:17	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877339	02/27/25 18:42	BWR	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	878053	03/06/25 15:04	MG	EET SAV
Total/NA	Analysis	7470A		1			878134	03/07/25 09:26	BCB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877372	02/27/25 23:19	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877333	02/28/25 09:06	AS	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-GWC-35

Lab Sample ID: 680-262261-3

Date Collected: 02/25/25 10:27

Matrix: Water

Date Received: 02/26/25 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		5	5 mL	5 mL	877958	03/06/25 17:02	BS	EET SAV
	Instrument ID: CICP									

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-262261-1

Client Sample ID: SCH-GWC-35

Lab Sample ID: 680-262261-3

Date Collected: 02/25/25 10:27

Matrix: Water

Date Received: 02/26/25 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			25 mL	125 mL	877177	02/27/25 05:17	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877468	02/28/25 12:59	BWR	EET SAV
	Instrument ID: ICPMSC									
Total Recoverable	Prep	3005A			25 mL	125 mL	877177	02/27/25 05:17	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877339	02/27/25 18:40	BWR	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	878053	03/06/25 15:04	MG	EET SAV
Total/NA	Analysis	7470A		1			878134	03/07/25 09:02	BCB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877371	02/27/25 20:53	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	50 mL	200 mL	877333	02/28/25 09:06	AS	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-GWC-34

Lab Sample ID: 680-262261-4

Date Collected: 02/25/25 13:40

Matrix: Water

Date Received: 02/26/25 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	877958	03/06/25 17:12	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877179	02/27/25 05:17	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877468	02/28/25 10:40	BWR	EET SAV
	Instrument ID: ICPMSC									
Total Recoverable	Prep	3005A			25 mL	125 mL	877179	02/27/25 05:17	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877339	02/27/25 21:17	BWR	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	878053	03/06/25 15:04	MG	EET SAV
Total/NA	Analysis	7470A		1			878134	03/07/25 08:55	BCB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877372	02/27/25 23:37	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877333	02/28/25 09:06	AS	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-GWC-33A

Lab Sample ID: 680-262261-5

Date Collected: 02/25/25 12:26

Matrix: Water

Date Received: 02/26/25 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	877958	03/06/25 17:21	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877179	02/27/25 05:17	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877468	02/28/25 10:45	BWR	EET SAV
	Instrument ID: ICPMSC									

Client Sample ID: SCH-GWC-33A

Lab Sample ID: 680-262261-5

Date Collected: 02/25/25 12:26

Matrix: Water

Date Received: 02/26/25 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			25 mL	125 mL	877179	02/27/25 05:17	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877339	02/27/25 21:19	BWR	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	878053	03/06/25 15:04	MG	EET SAV
Total/NA	Analysis	7470A		1			878134	03/07/25 09:00	BCB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877371	02/27/25 21:11	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877333	02/28/25 09:06	AS	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-GWC-32

Lab Sample ID: 680-262261-6

Date Collected: 02/25/25 10:24

Matrix: Water

Date Received: 02/26/25 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	877958	03/06/25 17:31	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877179	02/27/25 05:17	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877468	02/28/25 10:53	BWR	EET SAV
	Instrument ID: ICPMSC									
Total Recoverable	Prep	3005A			25 mL	125 mL	877179	02/27/25 05:17	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877339	02/27/25 21:29	BWR	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	878053	03/06/25 15:04	MG	EET SAV
Total/NA	Analysis	7470A		1			878134	03/07/25 08:57	BCB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877371	02/27/25 20:35	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877333	02/28/25 09:06	AS	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-GWC-31

Lab Sample ID: 680-262261-7

Date Collected: 02/25/25 15:11

Matrix: Water

Date Received: 02/26/25 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	877958	03/06/25 17:41	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877177	02/27/25 05:17	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877468	02/28/25 12:34	BWR	EET SAV
	Instrument ID: ICPMSC									
Total Recoverable	Prep	3005A			25 mL	125 mL	877177	02/27/25 05:17	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877339	02/27/25 18:29	BWR	EET SAV
	Instrument ID: ICPMSD									

Lab Chronicle

Client: Southern Company
Job ID: 680-262261-1
Project/Site: CCR - Plant Scherer Cell 3

Client Sample ID: SCH-GWC-31
Lab Sample ID: 680-262261-7

Date Collected: 02/25/25 15:11
Matrix: Water
Date Received: 02/26/25 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7470A			50 mL	50 mL	878053	03/06/25 15:04	MG	EET SAV
Total/NA	Analysis	7470A		1			878134	03/07/25 09:30	BCB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877371	02/27/25 20:44	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877383	02/28/25 14:16	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-CELL3-FD-9
Lab Sample ID: 680-262261-8

Date Collected: 02/25/25 00:00
Matrix: Water
Date Received: 02/26/25 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	877958	03/06/25 18:30	BS	EET SAV
	Instrument ID: CICP									
Total/NA	Analysis	300.0-1993 R2.1		5	5 mL	5 mL	878139	03/07/25 14:35	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877179	02/27/25 05:17	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877468	02/28/25 10:57	BWR	EET SAV
	Instrument ID: ICPMSC									
Total Recoverable	Prep	3005A			25 mL	125 mL	877179	02/27/25 05:17	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877339	02/27/25 21:32	BWR	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	878053	03/06/25 15:04	MG	EET SAV
Total/NA	Analysis	7470A		1			878134	03/07/25 09:04	BCB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877371	02/27/25 21:32	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	50 mL	200 mL	877383	02/28/25 14:16	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-CELL3-FD-10
Lab Sample ID: 680-262261-9

Date Collected: 02/25/25 00:00
Matrix: Water
Date Received: 02/26/25 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	877958	03/06/25 19:00	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877179	02/27/25 05:17	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877468	02/28/25 11:09	BWR	EET SAV
	Instrument ID: ICPMSC									
Total Recoverable	Prep	3005A			25 mL	125 mL	877179	02/27/25 05:17	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877339	02/27/25 21:35	BWR	EET SAV
	Instrument ID: ICPMSD									

Lab Chronicle

Client: Southern Company
Job ID: 680-262261-1
Project/Site: CCR - Plant Scherer Cell 3

Client Sample ID: SCH-CELL3-FD-10
Lab Sample ID: 680-262261-9

Date Collected: 02/25/25 00:00
Matrix: Water
Date Received: 02/26/25 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7470A			50 mL	50 mL	878053	03/06/25 15:04	MG	EET SAV
Total/NA	Analysis	7470A		1			878134	03/07/25 09:28	BCB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877371	02/27/25 21:02	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877383	02/28/25 14:16	PG	EET SAV
	Instrument ID: NOEQUIP									

Laboratory References:

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Accreditation/Certification Summary

Client: Southern Company
Job ID: 680-262261-1
Project/Site: CCR - Plant Scherer Cell 3

Laboratory: Eurofins Savannah

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87052	06-30-25
Georgia	State	E87052	06-30-25

Method Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-262261-1

Method	Method Description	Protocol	Laboratory
300.0-1993 R2.1	Anions, Ion Chromatography	MCAWW	EET SAV
6020B	Metals (ICP/MS)	SW846	EET SAV
7470A	Mercury (CVAA)	SW846	EET SAV
2320B-2011	Alkalinity, Total	SM	EET SAV
2540C-2011	Total Dissolved Solids (Dried at 180 °C)	SM	EET SAV
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET SAV
7470A	Preparation, Mercury	SW846	EET SAV

Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Phone (912) 354-7858 Phone (912) 352-0165

Chain of Custody Record

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Client Information	Sampler(s): Mark Mann	Lab PM / Phone: David Fuller / 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: Joju Abraham	Site-Project Manager / Phone: Dawn Prell / 248-536-5445	E-Mail: David.Fuller@et.eurofinsus.com	State of Origin: GA	Page: Page 1 of 1
Company: Southern Company				Job #:
Address: 241 Ralph McGill Blvd SE B10185	Due Date Requested:			
City: Atlanta	TAT Requested (days): 2 weeks			
State, Zip: GA, 30308	Compliance Project: Δ Yes Δ No			
Phone:	Lab Project #: (DO NOT REMOVE) 68027798			
Email: JAbraham@southernco.com	Lab PO #: GPC82130-0006 / PO Line #5			
Project Name: CCR - Plant Scherer Cell 3	Project #:			
Site:				

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)
Other:

Task_Code: SCH-CCR-ASSMT-2025S1

Special Instructions/Notes:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C - Solids, Total Dissolved (TDS)	6020B - App III/IV, State (15) Metals + Cations (Mg, K, Na)	7470A - App IV Mercury	9315_Ra226 - Radium 226	9320_Ra228 - Radium 228	Ra226Ra228_GFPC - Combined Radium 226 and 228	2320B - Alkalinity, Total, Carb/Bicarb	Total Number of containers	
			Preservation Code:		X	X	N	N	D	D	D	D	D		X	
SCH-GWC-38	2/25/25	14:55	G	WG	N	N	X	X	X	X	X	X	X	X	6	
SCH-GWC-37	2/25/25	13:10	G	WG	N	N	X	X	X	X	X	X	X	X	6	
SCH-GWC-35	2/25/25	10:27	G	WG	N	N	X	X	X	X	X	X	X	X	8	Extra radium
SCH-GWC-34	2/25/25	13:40	G	WG	N	N	X	X	X	X	X	X	X	X	6	
SCH-GWC-33A	2/25/25	12:26	G	WG	N	N	X	X	X	X	X	X	X	X	8	Extra radium
SCH-GWC-32	2/25/25	10:24	G	WG	N	N	X	X	X	X	X	X	X	X	6	
SCH-GWC-31	2/25/25	15:11	G	WG	N	N	X	X	X	X	X	X	X	X	6	
SCH-CELL3-FD-9	2/25/25	-	G	WG	N	N	X	X	X	X	X	X	X	X	6	
SCH-CELL3-FD-10	2/25/25	-	G	WG	N	N	X	X	X	X	X	X	X	X	6	

680-262261 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by: | Date: | Time: | Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
MARK MANN	2/26/25 840	WSP	Yolanda Duncan	2/26/25 840	COURIERNOW
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 2/26/25 1200	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 2.1/2.1 3.4/3.4 3.3/3.3 1.9/1.9 4.0/4.0

Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Phone: 912-354-7858 Fax: 912-352-0165

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Fuller, David	Carrier Tracking No(s): N/A	COC No: 680-795344.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: David.Fuller@et.eurofinsus.com	State of Origin: Georgia	Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Florida; State - Georgia		Job #: 680-262261-1
Address: 13715 Rider Trail North, ,	Due Date Requested: 3/10/2025			
City: Earth City	TAT Requested (days): N/A			
State, Zip: MO, 63045				
Phone: 314-298-8566(Tel) 314-298-8757(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: CCR - Plant Scherer Cell 3	Project #: 68027798			
Site: N/A	SSOW#: N/A			

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	9315_Ra226/PrecSep_21 Radium-226 (GFPC) - 21 day decay	9320_Ra228/PrecSep_0 Radium-228 (GFPC)	Ra226Ra228_GFPC/ Combined Radium-226 and Radium-228	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
SCH-GWC-38 (680-262261-1)	2/25/25	14:55 Eastern	G	Water			X	X	X	2	
SCH-GWC-37 (680-262261-2)	2/25/25	13:10 Eastern	G	Water			X	X	X	2	
SCH-GWC-35 (680-262261-3)	2/25/25	10:27 Eastern	G	Water			X	X	X	4	
SCH-GWC-34 (680-262261-4)	2/25/25	13:40 Eastern	G	Water			X	X	X	2	
SCH-GWC-33A (680-262261-5)	2/25/25	12:26 Eastern	G	Water			X	X	X	4	
SCH-GWC-32 (680-262261-6)	2/25/25	10:24 Eastern	G	Water			X	X	X	2	
SCH-GWC-31 (680-262261-7)	2/25/25	15:11 Eastern	G	Water			X	X	X	2	
SCH-CELL3-FD-9 (680-262261-8)	2/25/25	Eastern	G	Water			X	X	X	2	
SCH-CELL3-FD-10 (680-262261-9)	2/25/25	Eastern	G	Water			X	X	X	2	

Analysis Requested

Preservation Codes: -

Other: N/A

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Southeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Southeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Southeast, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	2/27/25 1400	Eurofins	M. Pinette	FEB 28 2025 0830	
Relinquished by:	Date/Time:	Company	Received by: Meadow Pinette	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 10/10/2024

3/10/2025

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-262261-1

Login Number: 262261

List Source: Eurofins Savannah

List Number: 1

Creator: Johnson, Corey M

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

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ANALYTICAL REPORT

PREPARED FOR

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JOB DESCRIPTION

CCR - Plant Scherer Cell 3

JOB NUMBER

680-262184-1

Eurofins Savannah
5102 LaRoche Avenue
Savannah GA 31404

See page two for job notes and contact information.

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Job Notes

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Authorization



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Definitions/Glossary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-262184-1

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
E	Result exceeded calibration range.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Sample Summary

Client: Southern Company
Job ID: 680-262184-1
Project/Site: CCR - Plant Scherer Cell 3

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-262184-1	SCH-GWA-39	Water	02/24/25 13:25	02/25/25 11:30
680-262184-2	SCH-GWA-40	Water	02/24/25 15:35	02/25/25 11:30

Job ID: 680-262184-1 — Eurofins Savannah

Job Narrative
680-262184-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Receipt
The samples were received on 2/25/2025 11:30 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.5°C.

HPLC/IC
Method 300_ORGFM_28D: The native sample, matrix spike, and matrix spike duplicate (MS/MSD) associated with analytical batch 680-877525 were performed at the same dilution. Due to the additional level of analyte present in the spiked samples, the concentration of Chloride in the MS/MSD was above the instrument calibration range. The data have been reported and qualified.

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for analytical batch 680-877525 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
Method 6020B - Total Recoverable: The laboratory control sample (LCS) for preparation batch 680-877019 and analytical batch 680-877192 recovered outside control limits for the following analyte: Silver. The analyte is biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-262184-1

Client Sample ID: SCH-GWA-39

Lab Sample ID: 680-262184-1

Date Collected: 02/24/25 13:25

Matrix: Water

Date Received: 02/25/25 11:30

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**1.0**		1.0	0.40	mg/L			03/03/25 12:42	1
Fluoride	<0.040		0.10	0.040	mg/L			03/03/25 12:42	1
Chloride	**1.4**		1.0	0.20	mg/L			03/03/25 12:42	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/26/25 05:19	02/26/25 16:51	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/26/25 05:19	02/26/25 16:51	1
Barium	**0.036**		0.010	0.00089	mg/L		02/26/25 05:19	02/26/25 16:51	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/26/25 05:19	02/26/25 16:51	1
Boron	**0.032**	**J**	0.080	0.022	mg/L		02/26/25 05:19	02/26/25 16:51	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/26/25 05:19	02/26/25 16:51	1
Calcium	**22**		0.50	0.14	mg/L		02/26/25 05:19	02/26/25 16:51	1
Chromium	**0.0080**		0.0020	0.0012	mg/L		02/26/25 05:19	02/26/25 16:51	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/26/25 05:19	02/26/25 16:51	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/26/25 05:19	02/26/25 16:51	1
Lithium	<0.0020		0.0050	0.0020	mg/L		02/26/25 05:19	02/27/25 11:27	1
Magnesium	**12**		0.50	0.023	mg/L		02/26/25 05:19	02/26/25 16:51	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/26/25 05:19	02/26/25 16:51	1
Potassium	**1.0**		0.50	0.044	mg/L		02/26/25 05:19	02/26/25 16:51	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/26/25 05:19	02/26/25 16:51	1
Sodium	**7.0**		0.50	0.20	mg/L		02/26/25 05:19	02/26/25 16:51	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/26/25 05:19	02/26/25 16:51	1
Nickel	**0.00053**	**J**	0.0050	0.00042	mg/L		02/26/25 05:19	02/26/25 16:51	1
Vanadium	**0.027**		0.010	0.00063	mg/L		02/26/25 05:19	02/26/25 16:51	1
Silver	<0.00039	*+	0.0010	0.00039	mg/L		02/26/25 05:19	02/26/25 16:51	1
Copper	<0.0011		0.0050	0.0011	mg/L		02/26/25 05:19	02/26/25 16:51	1
Zinc	<0.0028		0.020	0.0028	mg/L		02/26/25 05:19	02/26/25 16:51	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/04/25 15:20	03/05/25 10:38	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**110**		5.0	2.2	mg/L			02/26/25 21:22	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**110**		5.0	2.2	mg/L			02/26/25 21:22	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/26/25 21:22	1
Total Dissolved Solids (SM 2540C-2011)	**140**		10	10	mg/L			02/27/25 17:29	1

Client Sample ID: SCH-GWA-40

Lab Sample ID: 680-262184-2

Date Collected: 02/24/25 15:35

Matrix: Water

Date Received: 02/25/25 11:30

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**0.48**	**J**	1.0	0.40	mg/L			03/03/25 12:52	1
Fluoride	<0.040		0.10	0.040	mg/L			03/03/25 12:52	1

Eurofins Savannah

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-262184-1

Client Sample ID: SCH-GWA-40
Date Collected: 02/24/25 15:35
Date Received: 02/25/25 11:30

Lab Sample ID: 680-262184-2
Matrix: Water

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1.1**		1.0	0.20	mg/L			03/03/25 12:52	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/26/25 05:09	02/26/25 21:00	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/26/25 05:09	02/26/25 21:00	1
Barium	**0.048**		0.010	0.00089	mg/L		02/26/25 05:09	02/26/25 21:00	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/26/25 05:09	02/26/25 21:00	1
Boron	**0.14**		0.080	0.022	mg/L		02/26/25 05:09	02/26/25 21:00	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/26/25 05:09	02/26/25 21:00	1
Calcium	**7.3**		0.50	0.14	mg/L		02/26/25 05:09	02/26/25 21:00	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/26/25 05:09	02/26/25 21:00	1
Cobalt	**0.0065**		0.0025	0.00022	mg/L		02/26/25 05:09	02/26/25 21:00	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/26/25 05:09	02/26/25 21:00	1
Lithium	<0.0020		0.0050	0.0020	mg/L		02/26/25 05:09	02/27/25 13:54	1
Magnesium	**4.7**		0.50	0.023	mg/L		02/26/25 05:09	02/26/25 21:00	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/26/25 05:09	02/26/25 21:00	1
Potassium	**0.87**		0.50	0.044	mg/L		02/26/25 05:09	02/26/25 21:00	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/26/25 05:09	02/26/25 21:00	1
Sodium	**2.7**		0.50	0.20	mg/L		02/26/25 05:09	02/26/25 21:00	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/26/25 05:09	02/26/25 21:00	1
Nickel	**0.012**		0.0050	0.00042	mg/L		02/26/25 05:09	02/26/25 21:00	1
Vanadium	**0.0013**	**J**	0.010	0.00063	mg/L		02/26/25 05:09	02/26/25 21:00	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/26/25 05:09	02/26/25 21:00	1
Copper	<0.0011		0.0050	0.0011	mg/L		02/26/25 05:09	02/26/25 21:00	1
Zinc	**0.011**	**J**	0.020	0.0028	mg/L		02/26/25 05:09	02/26/25 21:00	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/04/25 15:20	03/05/25 10:31	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**48**		5.0	2.2	mg/L			02/26/25 21:31	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**48**		5.0	2.2	mg/L			02/26/25 21:31	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/26/25 21:31	1
Total Dissolved Solids (SM 2540C-2011)	**65**		10	10	mg/L			02/27/25 17:29	1

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography

Lab Sample ID: MB 680-877525/2
Matrix: Water
Analysis Batch: 877525

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.40		1.0	0.40	mg/L			03/03/25 10:01	1
Fluoride	<0.040		0.10	0.040	mg/L			03/03/25 10:01	1
Chloride	<0.20		1.0	0.20	mg/L			03/03/25 10:01	1

Lab Sample ID: LCS 680-877525/3
Matrix: Water
Analysis Batch: 877525

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfate			10.0	10.6		mg/L		106	90 - 110		
Fluoride			2.00	1.85		mg/L		92	90 - 110		
Chloride			10.0	9.94		mg/L		99	90 - 110		

Lab Sample ID: LCSD 680-877525/4
Matrix: Water
Analysis Batch: 877525

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate			10.0	10.6		mg/L		106	90 - 110	1	15
Fluoride			2.00	1.86		mg/L		93	90 - 110	1	15
Chloride			10.0	10.0		mg/L		100	90 - 110	1	15

Lab Sample ID: 680-262289-D-7 MS
Matrix: Water
Analysis Batch: 877525

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfate	20	F1	10.0	29.8		mg/L		94	80 - 120		
Fluoride	<0.040	F1 F2	2.00	1.25	F1	mg/L		62	80 - 120		
Chloride	26	E F1	10.0	32.2	E F1	mg/L		60	80 - 120		

Lab Sample ID: 680-262289-D-7 MSD
Matrix: Water
Analysis Batch: 877525

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	20	F1	10.0	33.9	F1	mg/L		134	80 - 120	13	15
Fluoride	<0.040	F1 F2	2.00	1.77	F2	mg/L		89	80 - 120	35	15
Chloride	26	E F1	10.0	34.5	E	mg/L		83	80 - 120	7	15

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 680-877017/1-A
Matrix: Water
Analysis Batch: 877192

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 877017

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/26/25 05:09	02/26/25 20:09	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/26/25 05:09	02/26/25 20:09	1
Barium	<0.00089		0.010	0.00089	mg/L		02/26/25 05:09	02/26/25 20:09	1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 680-877017/1-A
Matrix: Water
Analysis Batch: 877192

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 877017

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/26/25 05:09	02/26/25 20:09	1
Boron	<0.022		0.080	0.022	mg/L		02/26/25 05:09	02/26/25 20:09	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/26/25 05:09	02/26/25 20:09	1
Calcium	<0.14		0.50	0.14	mg/L		02/26/25 05:09	02/26/25 20:09	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/26/25 05:09	02/26/25 20:09	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/26/25 05:09	02/26/25 20:09	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/26/25 05:09	02/26/25 20:09	1
Magnesium	<0.023		0.50	0.023	mg/L		02/26/25 05:09	02/26/25 20:09	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/26/25 05:09	02/26/25 20:09	1
Potassium	<0.044		0.50	0.044	mg/L		02/26/25 05:09	02/26/25 20:09	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/26/25 05:09	02/26/25 20:09	1
Sodium	<0.20		0.50	0.20	mg/L		02/26/25 05:09	02/26/25 20:09	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/26/25 05:09	02/26/25 20:09	1
Nickel	<0.00042		0.0050	0.00042	mg/L		02/26/25 05:09	02/26/25 20:09	1
Vanadium	<0.00063		0.010	0.00063	mg/L		02/26/25 05:09	02/26/25 20:09	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/26/25 05:09	02/26/25 20:09	1
Copper	<0.0011		0.0050	0.0011	mg/L		02/26/25 05:09	02/26/25 20:09	1
Zinc	<0.0028		0.020	0.0028	mg/L		02/26/25 05:09	02/26/25 20:09	1

Lab Sample ID: MB 680-877017/1-A
Matrix: Water
Analysis Batch: 877308

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 877017

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.0020		0.0050	0.0020	mg/L		02/26/25 05:09	02/27/25 12:45	1

Lab Sample ID: LCS 680-877017/2-A
Matrix: Water
Analysis Batch: 877192

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 877017

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.0500	0.0512		mg/L		102	80 - 120
Arsenic	0.100	0.0990		mg/L		99	80 - 120
Barium	0.100	0.101		mg/L		101	80 - 120
Beryllium	0.0500	0.0507		mg/L		101	80 - 120
Boron	0.400	0.371		mg/L		93	80 - 120
Cadmium	0.0500	0.0530		mg/L		106	80 - 120
Calcium	5.00	5.19		mg/L		104	80 - 120
Chromium	0.100	0.105		mg/L		105	80 - 120
Cobalt	0.0500	0.0499		mg/L		100	80 - 120
Lead	0.500	0.572		mg/L		114	80 - 120
Magnesium	5.00	4.53		mg/L		91	80 - 120
Molybdenum	0.100	0.0967		mg/L		97	80 - 120
Potassium	7.00	6.75		mg/L		96	80 - 120
Selenium	0.100	0.110		mg/L		110	80 - 120
Sodium	5.00	4.86		mg/L		97	80 - 120
Thallium	0.0500	0.0456		mg/L		91	80 - 120
Nickel	0.100	0.0982		mg/L		98	80 - 120
Vanadium	0.100	0.101		mg/L		101	80 - 120

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 680-877017/2-A
Matrix: Water
Analysis Batch: 877192

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 877017

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Silver	0.0500	0.0596		mg/L		119	80 - 120
Copper	0.101	0.0997		mg/L		99	80 - 120
Zinc	0.100	0.103		mg/L		103	80 - 120

Lab Sample ID: LCS 680-877017/2-A
Matrix: Water
Analysis Batch: 877308

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 877017

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	0.500	0.463		mg/L		93	80 - 120

Lab Sample ID: 400-271290-E-18-B MS
Matrix: Water
Analysis Batch: 877192

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 877017

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.00034		0.0500	0.0537		mg/L		107	75 - 125
Arsenic	<0.00086		0.100	0.105		mg/L		105	75 - 125
Barium	<0.00089		0.100	0.106		mg/L		106	75 - 125
Beryllium	<0.00020		0.0500	0.0576		mg/L		115	75 - 125
Boron	0.022	J	0.400	0.396		mg/L		99	75 - 125
Cadmium	<0.000078		0.0500	0.0559		mg/L		112	75 - 125
Calcium	<0.14		5.00	5.60		mg/L		112	75 - 125
Chromium	<0.0012		0.100	0.111		mg/L		111	75 - 125
Cobalt	<0.00022		0.0500	0.0519		mg/L		104	75 - 125
Lead	<0.00021		0.500	0.605		mg/L		121	75 - 125
Magnesium	<0.023		5.00	4.70		mg/L		94	75 - 125
Molybdenum	<0.00086		0.100	0.101		mg/L		101	75 - 125
Potassium	<0.044		7.00	7.08		mg/L		101	75 - 125
Selenium	<0.00099		0.100	0.106		mg/L		106	75 - 125
Sodium	<0.20		5.00	5.58		mg/L		112	75 - 125
Thallium	<0.00026		0.0500	0.0478		mg/L		96	75 - 125
Nickel	<0.00042		0.100	0.103		mg/L		103	75 - 125
Vanadium	<0.00063		0.100	0.106		mg/L		106	75 - 125
Silver	<0.00039		0.0500	0.0618		mg/L		124	75 - 125
Copper	<0.0011		0.101	0.104		mg/L		103	75 - 125
Zinc	<0.0028		0.100	0.104		mg/L		104	75 - 125

Lab Sample ID: 400-271290-E-18-B MS
Matrix: Water
Analysis Batch: 877308

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 877017

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	<0.0020		0.500	0.476		mg/L		95	75 - 125

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 400-271290-E-18-C MSD
Matrix: Water
Analysis Batch: 877192

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 877017

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.00034		0.0500	0.0534		mg/L		107	75 - 125	1	20
Arsenic	<0.00086		0.100	0.104		mg/L		104	75 - 125	1	20
Barium	<0.00089		0.100	0.104		mg/L		104	75 - 125	2	20
Beryllium	<0.00020		0.0500	0.0529		mg/L		106	75 - 125	9	20
Boron	<0.022		0.400	0.402		mg/L		101	75 - 125	1	20
Cadmium	<0.000078		0.0500	0.0556		mg/L		111	75 - 125	0	20
Calcium	<0.14		5.00	5.46		mg/L		109	75 - 125	2	20
Chromium	<0.0012		0.100	0.108		mg/L		108	75 - 125	3	20
Cobalt	<0.00022		0.0500	0.0511		mg/L		102	75 - 125	2	20
Lead	<0.00021		0.500	0.595		mg/L		119	75 - 125	2	20
Magnesium	<0.023		5.00	4.62		mg/L		92	75 - 125	2	20
Molybdenum	<0.00086		0.100	0.0999		mg/L		100	75 - 125	1	20
Potassium	<0.044		7.00	6.96		mg/L		99	75 - 125	2	20
Selenium	<0.00099		0.100	0.106		mg/L		106	75 - 125	1	20
Sodium	<0.20		5.00	5.35		mg/L		107	75 - 125	4	20
Thallium	<0.00026		0.0500	0.0468		mg/L		94	75 - 125	2	20
Nickel	<0.00042		0.100	0.102		mg/L		102	75 - 125	1	20
Vanadium	<0.00063		0.100	0.105		mg/L		105	75 - 125	2	20
Silver	<0.00039		0.0500	0.0608		mg/L		122	75 - 125	2	20
Copper	<0.0011		0.101	0.103		mg/L		102	75 - 125	1	20
Zinc	0.0086	J	0.100	0.115		mg/L		107	75 - 125	10	20

Lab Sample ID: 400-271290-E-18-C MSD
Matrix: Water
Analysis Batch: 877308

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 877017

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lithium	<0.0020		0.500	0.491		mg/L		98	75 - 125	3	20

Lab Sample ID: MB 680-877019/1-A
Matrix: Water
Analysis Batch: 877192

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 877019

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/26/25 05:19	02/26/25 16:26	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/26/25 05:19	02/26/25 16:26	1
Barium	<0.00089		0.010	0.00089	mg/L		02/26/25 05:19	02/26/25 16:26	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/26/25 05:19	02/26/25 16:26	1
Boron	<0.022		0.080	0.022	mg/L		02/26/25 05:19	02/26/25 16:26	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/26/25 05:19	02/26/25 16:26	1
Calcium	<0.14		0.50	0.14	mg/L		02/26/25 05:19	02/26/25 16:26	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/26/25 05:19	02/26/25 16:26	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/26/25 05:19	02/26/25 16:26	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/26/25 05:19	02/26/25 16:26	1
Magnesium	<0.023		0.50	0.023	mg/L		02/26/25 05:19	02/26/25 16:26	1
Molybdenum	<0.00086		0.015	0.00086	mg/L		02/26/25 05:19	02/26/25 16:26	1
Potassium	<0.044		0.50	0.044	mg/L		02/26/25 05:19	02/26/25 16:26	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/26/25 05:19	02/26/25 16:26	1
Sodium	<0.20		0.50	0.20	mg/L		02/26/25 05:19	02/26/25 16:26	1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 680-877019/1-A
Matrix: Water
Analysis Batch: 877192

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 877019

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	<0.00026		0.0010	0.00026	mg/L		02/26/25 05:19	02/26/25 16:26	1
Nickel	<0.00042		0.0050	0.00042	mg/L		02/26/25 05:19	02/26/25 16:26	1
Vanadium	<0.00063		0.010	0.00063	mg/L		02/26/25 05:19	02/26/25 16:26	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/26/25 05:19	02/26/25 16:26	1
Copper	<0.0011		0.0050	0.0011	mg/L		02/26/25 05:19	02/26/25 16:26	1
Zinc	<0.0028		0.020	0.0028	mg/L		02/26/25 05:19	02/26/25 16:26	1

Lab Sample ID: MB 680-877019/1-A
Matrix: Water
Analysis Batch: 877308

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 877019

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.0020		0.0050	0.0020	mg/L		02/26/25 05:19	02/27/25 10:39	1

Lab Sample ID: LCS 680-877019/2-A
Matrix: Water
Analysis Batch: 877192

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 877019

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.0500	0.0532		mg/L		106	80 - 120
Arsenic	0.100	0.103		mg/L		103	80 - 120
Barium	0.100	0.105		mg/L		105	80 - 120
Beryllium	0.0500	0.0529		mg/L		106	80 - 120
Boron	0.400	0.382		mg/L		96	80 - 120
Cadmium	0.0500	0.0555		mg/L		111	80 - 120
Calcium	5.00	5.36		mg/L		107	80 - 120
Chromium	0.100	0.108		mg/L		108	80 - 120
Cobalt	0.0500	0.0517		mg/L		103	80 - 120
Lead	0.500	0.582		mg/L		116	80 - 120
Magnesium	5.00	4.58		mg/L		92	80 - 120
Molybdenum	0.100	0.0994		mg/L		99	80 - 120
Potassium	7.00	6.95		mg/L		99	80 - 120
Selenium	0.100	0.111		mg/L		111	80 - 120
Sodium	5.00	4.92		mg/L		98	80 - 120
Thallium	0.0500	0.0463		mg/L		93	80 - 120
Nickel	0.100	0.102		mg/L		102	80 - 120
Vanadium	0.100	0.105		mg/L		105	80 - 120
Silver	0.0500	0.0612	*+	mg/L		122	80 - 120
Copper	0.101	0.102		mg/L		101	80 - 120
Zinc	0.100	0.102		mg/L		102	80 - 120

Lab Sample ID: LCS 680-877019/2-A
Matrix: Water
Analysis Batch: 877308

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 877019

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	0.500	0.465		mg/L		93	80 - 120

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 752-29791-F-12-B MS
Matrix: Water
Analysis Batch: 877192

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 877019

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.00034		0.0500	0.0567		mg/L		113	75 - 125
Arsenic	<0.00086		0.100	0.110		mg/L		110	75 - 125
Barium	<0.00089		0.100	0.109		mg/L		109	75 - 125
Beryllium	<0.00020		0.0500	0.0568		mg/L		114	75 - 125
Boron	<0.022		0.400	0.410		mg/L		103	75 - 125
Cadmium	<0.000078		0.0500	0.0578		mg/L		116	75 - 125
Calcium	<0.14		5.00	5.81		mg/L		116	75 - 125
Chromium	<0.0012		0.100	0.115		mg/L		115	75 - 125
Cobalt	<0.00022		0.0500	0.0549		mg/L		110	75 - 125
Lead	<0.00021		0.500	0.623		mg/L		125	75 - 125
Magnesium	<0.023		5.00	4.82		mg/L		96	75 - 125
Molybdenum	<0.00086		0.100	0.106		mg/L		106	75 - 125
Potassium	<0.044		7.00	7.36		mg/L		105	75 - 125
Selenium	<0.00099		0.100	0.113		mg/L		113	75 - 125
Sodium	<0.20		5.00	5.78		mg/L		116	75 - 125
Thallium	<0.00026		0.0500	0.0496		mg/L		99	75 - 125
Nickel	<0.00042		0.100	0.108		mg/L		108	75 - 125
Vanadium	0.0016	J	0.100	0.111		mg/L		110	75 - 125
Silver	<0.00039	F1 *+	0.0500	0.0648	F1	mg/L		130	75 - 125
Copper	<0.0011		0.101	0.110		mg/L		109	75 - 125
Zinc	<0.0028		0.100	0.107		mg/L		107	75 - 125

Lab Sample ID: 752-29791-F-12-B MS
Matrix: Water
Analysis Batch: 877308

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 877019

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	<0.0020		0.500	0.471		mg/L		94	75 - 125

Lab Sample ID: 752-29791-F-12-C MSD
Matrix: Water
Analysis Batch: 877192

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 877019

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.00034		0.0500	0.0557		mg/L		111	75 - 125	2	20
Arsenic	<0.00086		0.100	0.108		mg/L		108	75 - 125	2	20
Barium	<0.00089		0.100	0.109		mg/L		109	75 - 125	0	20
Beryllium	<0.00020		0.0500	0.0587		mg/L		117	75 - 125	3	20
Boron	<0.022		0.400	0.402		mg/L		101	75 - 125	2	20
Cadmium	<0.000078		0.0500	0.0569		mg/L		114	75 - 125	2	20
Calcium	<0.14		5.00	5.68		mg/L		114	75 - 125	2	20
Chromium	<0.0012		0.100	0.115		mg/L		115	75 - 125	0	20
Cobalt	<0.00022		0.0500	0.0533		mg/L		107	75 - 125	3	20
Lead	<0.00021		0.500	0.609		mg/L		122	75 - 125	2	20
Magnesium	<0.023		5.00	4.82		mg/L		96	75 - 125	0	20
Molybdenum	<0.00086		0.100	0.103		mg/L		103	75 - 125	3	20
Potassium	<0.044		7.00	7.27		mg/L		104	75 - 125	1	20
Selenium	<0.00099		0.100	0.112		mg/L		112	75 - 125	1	20
Sodium	<0.20		5.00	5.72		mg/L		114	75 - 125	1	20

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 752-29791-F-12-C MSD
Matrix: Water
Analysis Batch: 877192

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 877019

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Thallium	<0.00026		0.0500	0.0490		mg/L		98	75 - 125	1	20
Nickel	<0.00042		0.100	0.107		mg/L		107	75 - 125	2	20
Vanadium	<0.00063		0.100	0.111		mg/L		111	75 - 125	0	20
Silver	<0.00039		0.0500	0.0633	F1	mg/L		127	75 - 125	2	20
Copper	<0.0011		0.101	0.107		mg/L		106	75 - 125	3	20
Zinc	<0.0028		0.100	0.106		mg/L		106	75 - 125	1	20

Lab Sample ID: 752-29791-F-12-C MSD
Matrix: Water
Analysis Batch: 877308

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 877019

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lithium	<0.0020		0.500	0.474		mg/L		95	75 - 125	1	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 680-877738/1-A
Matrix: Water
Analysis Batch: 877845

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 877738

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/04/25 15:20	03/05/25 09:51	1

Lab Sample ID: LCS 680-877738/2-A
Matrix: Water
Analysis Batch: 877845

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 877738

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.00250	0.00248		mg/L		99	80 - 120		

Lab Sample ID: 680-262293-G-4-C MS
Matrix: Water
Analysis Batch: 877845

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 877738

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	<0.000080		0.00100	0.000820		mg/L		82	80 - 120		

Lab Sample ID: 680-262293-G-4-D MSD
Matrix: Water
Analysis Batch: 877845

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 877738

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.000080		0.00100	0.000986		mg/L		99	80 - 120	18	20

Method: 2320B-2011 - Alkalinity, Total

Lab Sample ID: MB 680-877283/4
Matrix: Water
Analysis Batch: 877283

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5	<2.2		5.0	2.2	mg/L			02/26/25 19:06	1
Bicarbonate Alkalinity as CaCO3	<2.2		5.0	2.2	mg/L			02/26/25 19:06	1
Carbonate Alkalinity as CaCO3	<2.2		5.0	2.2	mg/L			02/26/25 19:06	1

Lab Sample ID: LCS 680-877283/6
Matrix: Water
Analysis Batch: 877283

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Alkalinity as CaCO3 to pH 4.5			250	244		mg/L		98	90 - 112		

Lab Sample ID: LCSD 680-877283/31
Matrix: Water
Analysis Batch: 877283

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5			250	249		mg/L		100	90 - 112	2	30

Lab Sample ID: 680-262184-2 DU
Matrix: Water
Analysis Batch: 877283

Client Sample ID: SCH-GWA-40
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	48			45.9		mg/L				5	30
Bicarbonate Alkalinity as CaCO3	48			45.9		mg/L				5	30
Carbonate Alkalinity as CaCO3	<2.2			<2.2		mg/L				NC	30

Method: 2540C-2011 - Total Dissolved Solids (Dried at 180 °C)

Lab Sample ID: MB 680-877293/1
Matrix: Water
Analysis Batch: 877293

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			02/27/25 17:29	1

Lab Sample ID: LCS 680-877293/2
Matrix: Water
Analysis Batch: 877293

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids			2440	2400		mg/L		98	80 - 120		

Method: 2540C-2011 - Total Dissolved Solids (Dried at 180 °C) (Continued)

Lab Sample ID: LCSD 680-877293/3
Matrix: Water
Analysis Batch: 877293

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids			2440	2370		mg/L		97	80 - 120	1	25

Lab Sample ID: 680-262130-C-19 DU
Matrix: Water
Analysis Batch: 877293

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	1100			1120		mg/L				0.9	5

QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-262184-1

HPLC/IC

Analysis Batch: 877525

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262184-1	SCH-GWA-39	Total/NA	Water	300.0-1993 R2.1	
680-262184-2	SCH-GWA-40	Total/NA	Water	300.0-1993 R2.1	
MB 680-877525/2	Method Blank	Total/NA	Water	300.0-1993 R2.1	
LCS 680-877525/3	Lab Control Sample	Total/NA	Water	300.0-1993 R2.1	
LCSD 680-877525/4	Lab Control Sample Dup	Total/NA	Water	300.0-1993 R2.1	
680-262289-D-7 MS	Matrix Spike	Total/NA	Water	300.0-1993 R2.1	
680-262289-D-7 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0-1993 R2.1	

Metals

Prep Batch: 877017

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262184-2	SCH-GWA-40	Total Recoverable	Water	3005A	
MB 680-877017/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-877017/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
400-271290-E-18-B MS	Matrix Spike	Total Recoverable	Water	3005A	
400-271290-E-18-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Prep Batch: 877019

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262184-1	SCH-GWA-39	Total Recoverable	Water	3005A	
MB 680-877019/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-877019/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
752-29791-F-12-B MS	Matrix Spike	Total Recoverable	Water	3005A	
752-29791-F-12-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Analysis Batch: 877192

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262184-1	SCH-GWA-39	Total Recoverable	Water	6020B	877019
680-262184-2	SCH-GWA-40	Total Recoverable	Water	6020B	877017
MB 680-877017/1-A	Method Blank	Total Recoverable	Water	6020B	877017
MB 680-877019/1-A	Method Blank	Total Recoverable	Water	6020B	877019
LCS 680-877017/2-A	Lab Control Sample	Total Recoverable	Water	6020B	877017
LCS 680-877019/2-A	Lab Control Sample	Total Recoverable	Water	6020B	877019
400-271290-E-18-B MS	Matrix Spike	Total Recoverable	Water	6020B	877017
400-271290-E-18-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020B	877017
752-29791-F-12-B MS	Matrix Spike	Total Recoverable	Water	6020B	877019
752-29791-F-12-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020B	877019

Analysis Batch: 877308

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262184-1	SCH-GWA-39	Total Recoverable	Water	6020B	877019
680-262184-2	SCH-GWA-40	Total Recoverable	Water	6020B	877017
MB 680-877017/1-A	Method Blank	Total Recoverable	Water	6020B	877017
MB 680-877019/1-A	Method Blank	Total Recoverable	Water	6020B	877019
LCS 680-877017/2-A	Lab Control Sample	Total Recoverable	Water	6020B	877017
LCS 680-877019/2-A	Lab Control Sample	Total Recoverable	Water	6020B	877019
400-271290-E-18-B MS	Matrix Spike	Total Recoverable	Water	6020B	877017
400-271290-E-18-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020B	877017
752-29791-F-12-B MS	Matrix Spike	Total Recoverable	Water	6020B	877019
752-29791-F-12-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020B	877019

QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-262184-1

Metals

Prep Batch: 877738

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262184-1	SCH-GWA-39	Total/NA	Water	7470A	
680-262184-2	SCH-GWA-40	Total/NA	Water	7470A	
MB 680-877738/1-A	Method Blank	Total/NA	Water	7470A	
LCS 680-877738/2-A	Lab Control Sample	Total/NA	Water	7470A	
680-262293-G-4-C MS	Matrix Spike	Total/NA	Water	7470A	
680-262293-G-4-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Analysis Batch: 877845

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262184-1	SCH-GWA-39	Total/NA	Water	7470A	877738
680-262184-2	SCH-GWA-40	Total/NA	Water	7470A	877738
MB 680-877738/1-A	Method Blank	Total/NA	Water	7470A	877738
LCS 680-877738/2-A	Lab Control Sample	Total/NA	Water	7470A	877738
680-262293-G-4-C MS	Matrix Spike	Total/NA	Water	7470A	877738
680-262293-G-4-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	877738

General Chemistry

Analysis Batch: 877283

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262184-1	SCH-GWA-39	Total/NA	Water	2320B-2011	
680-262184-2	SCH-GWA-40	Total/NA	Water	2320B-2011	
MB 680-877283/4	Method Blank	Total/NA	Water	2320B-2011	
LCS 680-877283/6	Lab Control Sample	Total/NA	Water	2320B-2011	
LCSD 680-877283/31	Lab Control Sample Dup	Total/NA	Water	2320B-2011	
680-262184-2 DU	SCH-GWA-40	Total/NA	Water	2320B-2011	

Analysis Batch: 877293

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262184-1	SCH-GWA-39	Total/NA	Water	2540C-2011	
680-262184-2	SCH-GWA-40	Total/NA	Water	2540C-2011	
MB 680-877293/1	Method Blank	Total/NA	Water	2540C-2011	
LCS 680-877293/2	Lab Control Sample	Total/NA	Water	2540C-2011	
LCSD 680-877293/3	Lab Control Sample Dup	Total/NA	Water	2540C-2011	
680-262130-C-19 DU	Duplicate	Total/NA	Water	2540C-2011	

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-262184-1

Client Sample ID: SCH-GWA-39

Lab Sample ID: 680-262184-1

Date Collected: 02/24/25 13:25

Matrix: Water

Date Received: 02/25/25 11:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	877525	03/03/25 12:42	AF	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877019	02/26/25 05:19	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877308	02/27/25 11:27	BWR	EET SAV
	Instrument ID: ICPMSC									
Total Recoverable	Prep	3005A			25 mL	125 mL	877019	02/26/25 05:19	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877192	02/26/25 16:51	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	877738	03/04/25 15:20	MG	EET SAV
Total/NA	Analysis	7470A		1			877845	03/05/25 10:38	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877283	02/26/25 21:22	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877293	02/27/25 17:29	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-GWA-40

Lab Sample ID: 680-262184-2

Date Collected: 02/24/25 15:35

Matrix: Water

Date Received: 02/25/25 11:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	877525	03/03/25 12:52	AF	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877017	02/26/25 05:09	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877308	02/27/25 13:54	BWR	EET SAV
	Instrument ID: ICPMSC									
Total Recoverable	Prep	3005A			25 mL	125 mL	877017	02/26/25 05:09	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877192	02/26/25 21:00	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	877738	03/04/25 15:20	MG	EET SAV
Total/NA	Analysis	7470A		1			877845	03/05/25 10:31	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877283	02/26/25 21:31	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877293	02/27/25 17:29	PG	EET SAV
	Instrument ID: NOEQUIP									

Laboratory References:

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Accreditation/Certification Summary

Client: Southern Company
Job ID: 680-262184-1
Project/Site: CCR - Plant Scherer Cell 3

Laboratory: Eurofins Savannah

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87052	06-30-25
Georgia	State	E87052	06-30-25

Method Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 3

Job ID: 680-262184-1

Method	Method Description	Protocol	Laboratory
300.0-1993 R2.1	Anions, Ion Chromatography	MCAWW	EET SAV
6020B	Metals (ICP/MS)	SW846	EET SAV
7470A	Mercury (CVAA)	SW846	EET SAV
2320B-2011	Alkalinity, Total	SM	EET SAV
2540C-2011	Total Dissolved Solids (Dried at 180 °C)	SM	EET SAV
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET SAV
7470A	Preparation, Mercury	SW846	EET SAV

Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Phone (912) 354-7858 Phone (912) 352-0165

Chain of Custody Record

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Client Information	Sampler(s): Mark Mann	Lab PM / Phone: David Fuller / 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: Joju Abraham	Site-Project Manager / Phone: Dawn Prell / 248-536-5445	E-Mail: David.Fuller@et.eurofinsus.com	State of Origin: GA	Page: Page 1 of 1
Company: Southern Company		Analysis Requested		Job #:
Address: 241 Ralph McGill Blvd SE B10185	Due Date Requested:			Preservation Codes: A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)
City: Atlanta	TAT Requested (days): 2 weeks			Other:
State, Zip: GA, 30308	Compliance Project: Δ Yes Δ No			
Phone:	Lab Project #: (DO NOT REMOVE) 68027798			Task_Code: SCH-CCR-ASSMT-2025S1
Email: JAbraham@southernco.com	Lab PO #: GPC82130-0006 / PO Line #5			Special Instructions/Notes:
Project Name: CCR - Plant Scherer Cell 3	Project #:			
Site:				

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C - Solids, Total Dissolved (TDS)	6020B - App III/IV, State (15) Metals + Cations (Mg, K, Na)	7470A - App IV Mercury	9315_Ra226 - Radium 226	9320_Ra228 - Radium 228	Ra226Ra228_GFPC - Combined Radium 226 and 228	2320B - Alkalinity, Total, Carb/Bicarb	Total Number of containers
			Preservation Code:				N	N	D	D	D	D	D		
SCH-GWA-39	2/24/25	13:25	G	WG	N	N	X	X	X	X	X	X	X	X	6
SCH-GWA-40	2/24/25	15:35	G	WG	N	N	X	X	X	X	X	X	X	X	6

680-262184 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by: | Date: | Time: | Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
MARK MANN/ [signature] / WSP	2/25/2025 830	WSP	[signature]	2/25/2025 830	COURIER NOW
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 2-25-25 1130	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: 1.5/1.5

Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Phone: 912-354-7858 Fax: 912-352-0165

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Fuller, David	Carrier Tracking No(s): N/A	COC No: 680-795230.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: David.Fuller@et.eurofinsus.com	State of Origin: Georgia	Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Florida; State - Georgia		Job #: 680-262184-1
Address: 13715 Rider Trail North, ,	Due Date Requested: 3/7/2025	Analysis Requested		Preservation Codes: -
City: Earth City	TAT Requested (days): N/A			
State, Zip: MO, 63045				
Phone: 314-298-8566(Tel) 314-298-8757(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: CCR - Plant Scherer Cell 3	Project #: 68027798			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	9315_Ra226/PrecSep_21 Radium-226 (GFPC) - 21 day decay	9320_Ra228/PrecSep_0 Radium-228 (GFPC)	Ra226Ra228_GFPC/ Combined Radium-226 and Radium-228	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
SCH-GWA-39 (680-262184-1)	2/24/25	13:25 Eastern	G	Water			X	X	X	2	
SCH-GWA-40 (680-262184-2)	2/24/25	15:35 Eastern	G	Water			X	X	X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Southeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Southeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Southeast, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	2-26-25 1415		M. Pinette	FEB 27 2025 0825	
Relinquished by:	Date/Time:	Company	Received by: Meadow Pinette	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-262184-1

Login Number: 262184

List Source: Eurofins Savannah

List Number: 1

Creator: Sims, Robert D

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

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ANALYTICAL REPORT

PREPARED FOR

Attn: Joju Abraham
Southern Company
241 Ralph McGill Blvd SE
B10185
Atlanta, Georgia 30308

Generated 3/10/2025 6:55:21 PM

JOB DESCRIPTION

CCR - Plant Scherer Cell 1

JOB NUMBER

680-262296-1

Eurofins Savannah
5102 LaRoche Avenue
Savannah GA 31404

See page two for job notes and contact information.

my EOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization



Generated
3/10/2025 6:55:21 PM

Authorized for release by
David Fuller, Project Manager
David.Fuller@et.eurofinsus.com
(770)344-8986

Definitions/Glossary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-262296-1

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Sample Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-262296-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-262296-1	SCH-GWA-17	Water	02/26/25 09:22	02/27/25 11:31

Job ID: 680-262296-1 — Eurofins Savannah

Job Narrative
680-262296-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Receipt
The sample was received on 2/27/2025 11:31 AM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.4°C.

HPLC/IC
Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for analytical batch 680-878139 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-262296-1

Client Sample ID: SCH-GWA-17
Date Collected: 02/26/25 09:22
Date Received: 02/27/25 11:31

Lab Sample ID: 680-262296-1
Matrix: Water

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1.5**		1.0	0.20	mg/L			03/07/25 14:44	1
Fluoride	<0.040		0.10	0.040	mg/L			03/07/25 14:44	1
Sulfate	<0.40		1.0	0.40	mg/L			03/07/25 14:44	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/28/25 04:52	03/03/25 13:45	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/28/25 04:52	03/03/25 13:45	1
Barium	**0.027**		0.010	0.00089	mg/L		02/28/25 04:52	03/03/25 13:45	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/28/25 04:52	03/03/25 13:45	1
Boron	<0.022		0.080	0.022	mg/L		02/28/25 04:52	03/04/25 09:59	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/28/25 04:52	03/03/25 13:45	1
Calcium	**7.4**		0.50	0.14	mg/L		02/28/25 04:52	03/03/25 13:45	1
Chromium	**0.0083**		0.0020	0.0012	mg/L		02/28/25 04:52	03/03/25 13:45	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/28/25 04:52	03/03/25 13:45	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/28/25 04:52	03/03/25 13:45	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/28/25 04:52	03/03/25 13:45	1
Magnesium	**2.9**		0.50	0.023	mg/L		02/28/25 04:52	03/03/25 13:45	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/28/25 04:52	03/03/25 13:45	1
Potassium	**0.95**		0.50	0.044	mg/L		02/28/25 04:52	03/03/25 13:45	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/28/25 04:52	03/03/25 13:45	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/28/25 04:52	03/03/25 13:45	1
Sodium	**9.3**		0.50	0.20	mg/L		02/28/25 04:52	03/03/25 13:45	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/28/25 04:52	03/03/25 13:45	1
Vanadium	**0.011**		0.0020	0.00063	mg/L		02/28/25 04:52	03/03/25 13:45	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/28/25 04:52	03/03/25 13:45	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/07/25 11:00	03/07/25 15:04	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**52**		5.0	2.2	mg/L			02/28/25 20:43	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**52**		5.0	2.2	mg/L			02/28/25 20:43	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/28/25 20:43	1
Total Dissolved Solids (SM 2540C-2011)	**81**		10	10	mg/L			02/28/25 14:16	1

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography

Lab Sample ID: MB 680-878139/2
Matrix: Water
Analysis Batch: 878139

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.20		1.0	0.20	mg/L			03/07/25 11:51	1
Fluoride	<0.040		0.10	0.040	mg/L			03/07/25 11:51	1
Sulfate	<0.40		1.0	0.40	mg/L			03/07/25 11:51	1

Lab Sample ID: LCS 680-878139/3
Matrix: Water
Analysis Batch: 878139

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			10.0	10.1		mg/L		101	90 - 110		
Fluoride			2.00	2.07		mg/L		104	90 - 110		
Sulfate			10.0	10.9		mg/L		109	90 - 110		

Lab Sample ID: LCSD 680-878139/4
Matrix: Water
Analysis Batch: 878139

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			10.0	10.1		mg/L		101	90 - 110	0	15
Fluoride			2.00	2.06		mg/L		103	90 - 110	0	15
Sulfate			10.0	11.0		mg/L		110	90 - 110	1	15

Lab Sample ID: 752-29902-A-1 MS
Matrix: Water
Analysis Batch: 878139

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	2.0	F1	10.0	7.87	F1	mg/L		59	80 - 120		
Fluoride	<0.040	F1 F2	2.00	1.40	F1	mg/L		70	80 - 120		
Sulfate	10	F1 F2	10.0	18.0	F1	mg/L		76	80 - 120		

Lab Sample ID: 752-29902-A-1 MSD
Matrix: Water
Analysis Batch: 878139

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	2.0	F1	10.0	7.12	F1	mg/L		52	80 - 120	10	15
Fluoride	<0.040	F1 F2	2.00	0.916	F1 F2	mg/L		46	80 - 120	41	15
Sulfate	10	F1 F2	10.0	14.6	F1 F2	mg/L		43	80 - 120	21	15

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 680-877300/1-A
Matrix: Water
Analysis Batch: 877677

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 877300

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/28/25 04:52	03/04/25 09:57	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/28/25 04:52	03/04/25 09:57	1
Barium	<0.00089		0.010	0.00089	mg/L		02/28/25 04:52	03/04/25 09:57	1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 680-877300/1-A
Matrix: Water
Analysis Batch: 877677

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 877300

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.022		0.080	0.022	mg/L		02/28/25 04:52	03/04/25 09:57	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/28/25 04:52	03/04/25 09:57	1
Calcium	<0.14		0.50	0.14	mg/L		02/28/25 04:52	03/04/25 09:57	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/28/25 04:52	03/04/25 09:57	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/28/25 04:52	03/04/25 09:57	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/28/25 04:52	03/04/25 09:57	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/28/25 04:52	03/04/25 09:57	1
Magnesium	<0.023		0.50	0.023	mg/L		02/28/25 04:52	03/04/25 09:57	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/28/25 04:52	03/04/25 09:57	1
Potassium	<0.044		0.50	0.044	mg/L		02/28/25 04:52	03/04/25 09:57	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/28/25 04:52	03/04/25 09:57	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/28/25 04:52	03/04/25 09:57	1
Sodium	<0.20		0.50	0.20	mg/L		02/28/25 04:52	03/04/25 09:57	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/28/25 04:52	03/04/25 09:57	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/28/25 04:52	03/04/25 09:57	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/28/25 04:52	03/04/25 09:57	1

Lab Sample ID: LCS 680-877300/2-A
Matrix: Water
Analysis Batch: 877677

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 877300

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.0500	0.0527		mg/L		105	80 - 120
Arsenic	0.100	0.105		mg/L		105	80 - 120
Barium	0.100	0.102		mg/L		102	80 - 120
Beryllium	0.0500	0.0539		mg/L		108	80 - 120
Boron	0.400	0.400		mg/L		100	80 - 120
Cadmium	0.0500	0.0537		mg/L		107	80 - 120
Calcium	5.00	5.07		mg/L		101	80 - 120
Chromium	0.100	0.110		mg/L		110	80 - 120
Cobalt	0.0500	0.0520		mg/L		104	80 - 120
Copper	0.101	0.105		mg/L		104	80 - 120
Lead	0.500	0.522		mg/L		104	80 - 120
Magnesium	5.00	4.56		mg/L		91	80 - 120
Nickel	0.100	0.102		mg/L		102	80 - 120
Potassium	7.00	7.16		mg/L		102	80 - 120
Selenium	0.100	0.0932		mg/L		93	80 - 120
Silver	0.0500	0.0545		mg/L		109	80 - 120
Sodium	5.00	5.04		mg/L		101	80 - 120
Thallium	0.0500	0.0505		mg/L		101	80 - 120
Vanadium	0.100	0.107		mg/L		107	80 - 120
Zinc	0.100	0.110		mg/L		110	80 - 120

Lab Sample ID: 680-262287-A-3-B MS
Matrix: Water
Analysis Batch: 877677

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 877300

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.00034		0.0500	0.0503		mg/L		101	75 - 125

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 680-262287-A-3-B MS
Matrix: Water
Analysis Batch: 877677

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 877300

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.0024		0.100	0.106		mg/L		103	75 - 125
Barium	0.052		0.100	0.144		mg/L		92	75 - 125
Beryllium	<0.00020		0.0500	0.0535		mg/L		107	75 - 125
Boron	0.12		0.400	0.493		mg/L		92	75 - 125
Cadmium	0.00049	J	0.0500	0.0536		mg/L		106	75 - 125
Calcium	40		5.00	41.1	4	mg/L		31	75 - 125
Chromium	<0.0012		0.100	0.106		mg/L		106	75 - 125
Cobalt	0.00074	J	0.0500	0.0506		mg/L		100	75 - 125
Copper	<0.0011		0.101	0.0996		mg/L		99	75 - 125
Lead	<0.00021		0.500	0.516		mg/L		103	75 - 125
Magnesium	23		5.00	26.0	4	mg/L		53	75 - 125
Nickel	0.0021		0.100	0.0994		mg/L		97	75 - 125
Potassium	0.31	J	7.00	7.30		mg/L		100	75 - 125
Selenium	0.0037	J	0.100	0.105		mg/L		102	75 - 125
Silver	<0.00039		0.0500	0.0535		mg/L		107	75 - 125
Sodium	23		5.00	25.5	4	mg/L		44	75 - 125
Thallium	<0.00026		0.0500	0.0505		mg/L		101	75 - 125
Vanadium	0.0033		0.100	0.107		mg/L		104	75 - 125
Zinc	0.0041	J	0.100	0.101		mg/L		97	75 - 125

Lab Sample ID: 680-262287-A-3-C MSD
Matrix: Water
Analysis Batch: 877677

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 877300

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.00034		0.0500	0.0522		mg/L		104	75 - 125	4	20
Arsenic	0.0024		0.100	0.106		mg/L		104	75 - 125	1	20
Barium	0.052		0.100	0.152		mg/L		100	75 - 125	5	20
Beryllium	<0.00020		0.0500	0.0575		mg/L		115	75 - 125	7	20
Boron	0.12		0.400	0.497		mg/L		93	75 - 125	1	20
Cadmium	0.00049	J	0.0500	0.0560		mg/L		111	75 - 125	5	20
Calcium	40		5.00	45.2	4	mg/L		113	75 - 125	9	20
Chromium	<0.0012		0.100	0.110		mg/L		110	75 - 125	4	20
Cobalt	0.00074	J	0.0500	0.0530		mg/L		104	75 - 125	4	20
Copper	<0.0011		0.101	0.104		mg/L		103	75 - 125	5	20
Lead	<0.00021		0.500	0.534		mg/L		107	75 - 125	3	20
Magnesium	23		5.00	28.3	4	mg/L		100	75 - 125	9	20
Nickel	0.0021		0.100	0.104		mg/L		102	75 - 125	4	20
Potassium	0.31	J	7.00	7.59		mg/L		104	75 - 125	4	20
Selenium	0.0037	J	0.100	0.101		mg/L		97	75 - 125	5	20
Silver	<0.00039		0.0500	0.0559		mg/L		112	75 - 125	4	20
Sodium	23		5.00	26.5	4	mg/L		64	75 - 125	4	20
Thallium	<0.00026		0.0500	0.0520		mg/L		104	75 - 125	3	20
Vanadium	0.0033		0.100	0.111		mg/L		108	75 - 125	4	20
Zinc	0.0041	J	0.100	0.105		mg/L		101	75 - 125	4	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 680-878147/1-A
Matrix: Water
Analysis Batch: 878262

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 878147

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/07/25 11:00	03/07/25 14:36	1

Lab Sample ID: LCS 680-878147/2-A
Matrix: Water
Analysis Batch: 878262

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 878147

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.00250	0.00261		mg/L		104	80 - 120		

Lab Sample ID: 680-262339-F-5-C MS
Matrix: Water
Analysis Batch: 878262

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 878147

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	<0.000080		0.00100	0.00101		mg/L		101	80 - 120		

Lab Sample ID: 680-262339-F-5-D MSD
Matrix: Water
Analysis Batch: 878262

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 878147

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.000080		0.00100	0.000990		mg/L		99	80 - 120	2	20

Method: 2320B-2011 - Alkalinity, Total

Lab Sample ID: MB 680-877565/4
Matrix: Water
Analysis Batch: 877565

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5	<2.2		5.0	2.2	mg/L			02/28/25 20:18	1
Bicarbonate Alkalinity as CaCO3	<2.2		5.0	2.2	mg/L			02/28/25 20:18	1
Carbonate Alkalinity as CaCO3	<2.2		5.0	2.2	mg/L			02/28/25 20:18	1

Lab Sample ID: LCS 680-877565/6
Matrix: Water
Analysis Batch: 877565

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Alkalinity as CaCO3 to pH 4.5			250	241		mg/L		96	90 - 112		

Lab Sample ID: 680-262296-1 DU
Matrix: Water
Analysis Batch: 877565

Client Sample ID: SCH-GWA-17
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	52			51.1		mg/L				2	30
Bicarbonate Alkalinity as CaCO3	52			51.1		mg/L				2	30
Carbonate Alkalinity as CaCO3	<2.2			<2.2		mg/L				NC	30

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-262296-1

Method: 2540C-2011 - Total Dissolved Solids (Dried at 180 °C)

Lab Sample ID: MB 680-877383/1
Matrix: Water
Analysis Batch: 877383

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			02/28/25 14:16	1

Lab Sample ID: LCS 680-877383/2
Matrix: Water
Analysis Batch: 877383

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids			2440	2390		mg/L		98	80 - 120		

Lab Sample ID: LCSD 680-877383/3
Matrix: Water
Analysis Batch: 877383

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids			2440	2360		mg/L		97	80 - 120	1	25

Lab Sample ID: 680-262261-C-8 DU
Matrix: Water
Analysis Batch: 877383

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	220			222		mg/L				3	5

HPLC/IC

Analysis Batch: 878139

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262296-1	SCH-GWA-17	Total/NA	Water	300.0-1993 R2.1	
MB 680-878139/2	Method Blank	Total/NA	Water	300.0-1993 R2.1	
LCS 680-878139/3	Lab Control Sample	Total/NA	Water	300.0-1993 R2.1	
LCSD 680-878139/4	Lab Control Sample Dup	Total/NA	Water	300.0-1993 R2.1	
752-29902-A-1 MS	Matrix Spike	Total/NA	Water	300.0-1993 R2.1	
752-29902-A-1 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0-1993 R2.1	

Metals

Prep Batch: 877300

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262296-1	SCH-GWA-17	Total Recoverable	Water	3005A	
MB 680-877300/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-877300/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
680-262287-A-3-B MS	Matrix Spike	Total Recoverable	Water	3005A	
680-262287-A-3-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Analysis Batch: 877677

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262296-1	SCH-GWA-17	Total Recoverable	Water	6020B	877300
680-262296-1	SCH-GWA-17	Total Recoverable	Water	6020B	877300
MB 680-877300/1-A	Method Blank	Total Recoverable	Water	6020B	877300
LCS 680-877300/2-A	Lab Control Sample	Total Recoverable	Water	6020B	877300
680-262287-A-3-B MS	Matrix Spike	Total Recoverable	Water	6020B	877300
680-262287-A-3-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020B	877300

Prep Batch: 878147

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262296-1	SCH-GWA-17	Total/NA	Water	7470A	
MB 680-878147/1-A	Method Blank	Total/NA	Water	7470A	
LCS 680-878147/2-A	Lab Control Sample	Total/NA	Water	7470A	
680-262339-F-5-C MS	Matrix Spike	Total/NA	Water	7470A	
680-262339-F-5-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Analysis Batch: 878262

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262296-1	SCH-GWA-17	Total/NA	Water	7470A	878147
MB 680-878147/1-A	Method Blank	Total/NA	Water	7470A	878147
LCS 680-878147/2-A	Lab Control Sample	Total/NA	Water	7470A	878147
680-262339-F-5-C MS	Matrix Spike	Total/NA	Water	7470A	878147
680-262339-F-5-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	878147

General Chemistry

Analysis Batch: 877383

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262296-1	SCH-GWA-17	Total/NA	Water	2540C-2011	
MB 680-877383/1	Method Blank	Total/NA	Water	2540C-2011	
LCS 680-877383/2	Lab Control Sample	Total/NA	Water	2540C-2011	
LCSD 680-877383/3	Lab Control Sample Dup	Total/NA	Water	2540C-2011	
680-262261-C-8 DU	Duplicate	Total/NA	Water	2540C-2011	

QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-262296-1

General Chemistry

Analysis Batch: 877565

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262296-1	SCH-GWA-17	Total/NA	Water	2320B-2011	
MB 680-877565/4	Method Blank	Total/NA	Water	2320B-2011	
LCS 680-877565/6	Lab Control Sample	Total/NA	Water	2320B-2011	
680-262296-1 DU	SCH-GWA-17	Total/NA	Water	2320B-2011	

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-262296-1

Client Sample ID: SCH-GWA-17
Date Collected: 02/26/25 09:22
Date Received: 02/27/25 11:31

Lab Sample ID: 680-262296-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	878139	03/07/25 14:44	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877300	02/28/25 04:52	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877677	03/03/25 13:45	BWR	EET SAV
	Instrument ID: ICPMSG									
Total Recoverable	Prep	3005A			25 mL	125 mL	877300	02/28/25 04:52	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877677	03/04/25 09:59	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	878147	03/07/25 11:00	MG	EET SAV
Total/NA	Analysis	7470A		1			878262	03/07/25 15:04	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877565	02/28/25 20:43	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877383	02/28/25 14:16	PG	EET SAV
	Instrument ID: NOEQUIP									

Laboratory References:

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Accreditation/Certification Summary

Client: Southern Company
Job ID: 680-262296-1
Project/Site: CCR - Plant Scherer Cell 1

Laboratory: Eurofins Savannah

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87052	06-30-25
Georgia	State	E87052	06-30-25

Method Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-262296-1

Method	Method Description	Protocol	Laboratory
300.0-1993 R2.1	Anions, Ion Chromatography	MCAWW	EET SAV
6020B	Metals (ICP/MS)	SW846	EET SAV
7470A	Mercury (CVAA)	SW846	EET SAV
2320B-2011	Alkalinity, Total	SM	EET SAV
2540C-2011	Total Dissolved Solids (Dried at 180 °C)	SM	EET SAV
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET SAV
7470A	Preparation, Mercury	SW846	EET SAV

Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Phone (912) 354-7858 Phone (912) 352-0165

Chain of Custody Record

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Client Information	Sampler(s): Mark Mann	Lab PM / Phone: David Fuller / 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: Joju Abraham	Site-Project Manager / Phone: Dawn Prell / 248-536-5445	E-Mail: David.Fuller@et.eurofinsus.com	State of Origin: GA	Page: Page 1 of 1
Company: Southern Company				Job #:
Address: 241 Ralph McGill Blvd SE B10185	Due Date Requested:			
City: Atlanta	TAT Requested (days): 2 weeks			
State, Zip: GA, 30308	Compliance Project: Δ Yes Δ No			
Phone:	Lab Project #: (DO NOT REMOVE) 68027798			
Email: JAbraham@southernco.com	Lab PO #: GPC82130-0006 / PO Line #3			
Project Name: CCR - Plant Scherer Cell 1	Project #:			
Site:				

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)
Other:

Task_Code: SCH-CCR-ASSMT-2025S1
Special Instructions/Notes:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C - Solids, Total Dissolved (TDS)	6020B - App III, State (15) Metals + Cations (Mg, K, Na)	7470A - Mercury	2320B - Alkalinity, Total, Carb/Bicarb	Total Number of containers
			Preservation Code:		X	X	N	N	D	D	N	X
SCH-GWA-17	2/26/25	09:22	G	WG	N	N	X	X	X	X	X	4

680-262296 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
MARK MANN	2/27/25 830	WSP	Yolanda Duncan	2/27/25 830	COURIER NOW
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 2/27/25 1131	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 3.4/3.4

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-262296-1

Login Number: 262296

List Source: Eurofins Savannah

List Number: 1

Creator: Johnson, Corey M

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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1 2 3 4 5 6 7 8 9 10 11 12

ANALYTICAL REPORT

PREPARED FOR

Attn: Joju Abraham
Southern Company
241 Ralph McGill Blvd SE
B10185
Atlanta, Georgia 30308

Generated 3/14/2025 5:59:36 PM

JOB DESCRIPTION

CCR - Plant Scherer Cell 1

JOB NUMBER

680-262255-1

Eurofins Savannah
5102 LaRoche Avenue
Savannah GA 31404

See page two for job notes and contact information.

myEOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization



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3/14/2025 5:59:36 PM

Authorized for release by
David Fuller, Project Manager
David.Fuller@et.eurofinsus.com
(770)344-8986

Definitions/Glossary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-262255-1

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
F5	Duplicate RPD exceeds limit, and one or both sample results are less than 5 times RL, and the absolute difference between results is < the upper reporting limits for both.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Sample Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-262255-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-262255-1	SCH-GWA-16	Water	02/25/25 09:55	02/26/25 12:00
680-262255-2	SCH-GWC-4	Water	02/25/25 10:47	02/26/25 12:00
680-262255-3	SCH-GWC-3	Water	02/25/25 10:45	02/26/25 12:00
680-262255-4	SCH-GWC-20	Water	02/25/25 11:59	02/26/25 12:00
680-262255-5	SCH-GWC-2	Water	02/25/25 11:55	02/26/25 12:00
680-262255-6	SCH-GWA-15	Water	02/25/25 13:03	02/26/25 12:00
680-262255-7	SCH-GWC-1	Water	02/25/25 13:17	02/26/25 12:00
680-262255-8	SCH-GWC-14	Water	02/25/25 14:42	02/26/25 12:00
680-262255-9	SCH-CELL1-EB-5	Water	02/25/25 10:20	02/26/25 12:00
680-262255-10	SCH-CELL1-FB-5	Water	02/25/25 10:00	02/26/25 12:00
680-262255-11	SCH-CELL1-EB-6	Water	02/25/25 14:00	02/26/25 12:00
680-262255-12	SCH-CELL1-FB-6	Water	02/25/25 14:56	02/26/25 12:00
680-262255-13	SCH-GWC-18	Water	02/25/25 14:40	02/26/25 12:00
680-262255-14	SCH-GWC-5	Water	02/25/25 15:38	02/26/25 12:00
680-262255-15	SCH-GWC-19	Water	02/25/25 15:38	02/26/25 12:00

Job ID: 680-262255-1 — Eurofins Savannah

Job Narrative
680-262255-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Receipt
The samples were received on 2/26/2025 12:00 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 5 coolers at receipt time were 1.9°C, 2.1°C, 3.3°C, 3.4°C and 4.0°C.

HPLC/IC
Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 680-877805 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for analytical batch 680-877916 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
Method 2320B: The sample duplicate precision for the following sample associated with analytical batch 680-877284 was outside control limits: (680-262251-C-4 DU). The associated Laboratory Control Sample / Laboratory Control Sample Duplicate (LCS/LCSD) precision met acceptance criteria.

Method 2540C: A lesser volume of sample was used for the following samples due to the nature of the sample matrix resulting in elevated reporting limits: SCH-GWC-4 (680-262255-2) and SCH-GWC-5 (680-262255-14)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client Sample ID: SCH-GWA-16

Lab Sample ID: 680-262255-1

Date Collected: 02/25/25 09:55

Matrix: Water

Date Received: 02/26/25 12:00

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.40		1.0	0.40	mg/L			03/05/25 17:12	1
Fluoride	<0.040		0.10	0.040	mg/L			03/05/25 17:12	1
Chloride	**1.6**		1.0	0.20	mg/L			03/05/25 17:12	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/27/25 05:17	02/27/25 20:40	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/27/25 05:17	02/27/25 20:40	1
Barium	**0.028**		0.010	0.00089	mg/L		02/27/25 05:17	02/27/25 20:40	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/27/25 05:17	02/27/25 20:40	1
Boron	<0.022		0.080	0.022	mg/L		02/27/25 05:17	02/27/25 20:40	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/27/25 05:17	02/27/25 20:40	1
Calcium	**13**		0.50	0.14	mg/L		02/27/25 05:17	02/27/25 20:40	1
Chromium	**0.0068**		0.0020	0.0012	mg/L		02/27/25 05:17	02/27/25 20:40	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/27/25 05:17	02/27/25 20:40	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/27/25 05:17	02/27/25 20:40	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/27/25 05:17	02/27/25 20:40	1
Magnesium	**4.6**		0.50	0.023	mg/L		02/27/25 05:17	02/27/25 20:40	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/27/25 05:17	02/27/25 20:40	1
Potassium	**0.98**		0.50	0.044	mg/L		02/27/25 05:17	02/27/25 20:40	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/27/25 05:17	02/27/25 20:40	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/27/25 05:17	02/27/25 20:40	1
Sodium	**9.5**		0.50	0.20	mg/L		02/27/25 05:17	02/27/25 20:40	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/27/25 05:17	02/27/25 20:40	1
Vanadium	**0.0069**		0.0020	0.00063	mg/L		02/27/25 05:17	02/27/25 20:40	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/27/25 05:17	02/27/25 20:40	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/06/25 12:57	03/07/25 08:01	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**72**		5.0	2.2	mg/L			02/27/25 03:59	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**72**		5.0	2.2	mg/L			02/27/25 03:59	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/27/25 03:59	1
Total Dissolved Solids (SM 2540C-2011)	**110**		10	10	mg/L			02/27/25 20:38	1

Client Sample ID: SCH-GWC-4

Lab Sample ID: 680-262255-2

Date Collected: 02/25/25 10:47

Matrix: Water

Date Received: 02/26/25 12:00

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**150**		5.0	2.0	mg/L			03/05/25 17:22	5
Fluoride	<0.20		0.50	0.20	mg/L			03/05/25 17:22	5
Chloride	**28**		5.0	1.0	mg/L			03/05/25 17:22	5

Client Sample ID: SCH-GWC-4

Date Collected: 02/25/25 10:47
Date Received: 02/26/25 12:00

Lab Sample ID: 680-262255-2

Matrix: Water

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/27/25 05:17	02/27/25 21:42	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/27/25 05:17	02/27/25 21:42	1
Barium	**0.15**		0.010	0.00089	mg/L		02/27/25 05:17	02/27/25 21:42	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/27/25 05:17	02/27/25 21:42	1
Boron	**0.029**	**J**	0.080	0.022	mg/L		02/27/25 05:17	02/27/25 21:42	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/27/25 05:17	02/27/25 21:42	1
Calcium	**46**		0.50	0.14	mg/L		02/27/25 05:17	02/27/25 21:42	1
Chromium	**0.0025**		0.0020	0.0012	mg/L		02/27/25 05:17	02/27/25 21:42	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/27/25 05:17	02/27/25 21:42	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/27/25 05:17	02/27/25 21:42	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/27/25 05:17	02/27/25 21:42	1
Magnesium	**27**		0.50	0.023	mg/L		02/27/25 05:17	02/27/25 21:42	1
Nickel	**0.0019**		0.0010	0.00042	mg/L		02/27/25 05:17	02/27/25 21:42	1
Potassium	**2.1**		0.50	0.044	mg/L		02/27/25 05:17	02/27/25 21:42	1
Selenium	**0.0076**		0.0050	0.00099	mg/L		02/27/25 05:17	02/27/25 21:42	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/27/25 05:17	02/27/25 21:42	1
Sodium	**17**		0.50	0.20	mg/L		02/27/25 05:17	02/27/25 21:42	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/27/25 05:17	02/27/25 21:42	1
Vanadium	**0.0041**		0.0020	0.00063	mg/L		02/27/25 05:17	02/27/25 21:42	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/27/25 05:17	02/27/25 21:42	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/06/25 12:57	03/07/25 08:05	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**51**		5.0	2.2	mg/L			02/27/25 03:50	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**51**		5.0	2.2	mg/L			02/27/25 03:50	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/27/25 03:50	1
Total Dissolved Solids (SM 2540C-2011)	**350**		40	40	mg/L			02/28/25 09:06	1

Client Sample ID: SCH-GWC-3

Date Collected: 02/25/25 10:45
Date Received: 02/26/25 12:00

Lab Sample ID: 680-262255-3

Matrix: Water

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**20**		1.0	0.40	mg/L			03/05/25 17:32	1
Fluoride	<0.040		0.10	0.040	mg/L			03/05/25 17:32	1
Chloride	**2.4**		1.0	0.20	mg/L			03/05/25 17:32	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/27/25 05:17	02/27/25 19:34	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/27/25 05:17	02/27/25 19:34	1
Barium	**0.021**		0.010	0.00089	mg/L		02/27/25 05:17	02/27/25 19:34	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/27/25 05:17	02/27/25 19:34	1

Client Sample ID: SCH-GWC-3

Date Collected: 02/25/25 10:45
Date Received: 02/26/25 12:00

Lab Sample ID: 680-262255-3
Matrix: Water

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.022		0.080	0.022	mg/L		02/27/25 05:17	02/27/25 19:34	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/27/25 05:17	02/27/25 19:34	1
Calcium	**11**		0.50	0.14	mg/L		02/27/25 05:17	02/27/25 19:34	1
Chromium	**0.015**		0.0020	0.0012	mg/L		02/27/25 05:17	02/27/25 19:34	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/27/25 05:17	02/27/25 19:34	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/27/25 05:17	02/27/25 19:34	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/27/25 05:17	02/27/25 19:34	1
Magnesium	**6.1**		0.50	0.023	mg/L		02/27/25 05:17	02/27/25 19:34	1
Nickel	**0.0016**		0.0010	0.00042	mg/L		02/27/25 05:17	02/27/25 19:34	1
Potassium	**0.73**		0.50	0.044	mg/L		02/27/25 05:17	02/27/25 19:34	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/27/25 05:17	02/27/25 19:34	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/27/25 05:17	02/27/25 19:34	1
Sodium	**6.5**		0.50	0.20	mg/L		02/27/25 05:17	02/27/25 19:34	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/27/25 05:17	02/27/25 19:34	1
Vanadium	**0.0042**		0.0020	0.00063	mg/L		02/27/25 05:17	02/27/25 19:34	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/27/25 05:17	02/27/25 19:34	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/06/25 12:57	03/07/25 10:11	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**44**		5.0	2.2	mg/L			02/27/25 02:40	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**44**		5.0	2.2	mg/L			02/27/25 02:40	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/27/25 02:40	1
Total Dissolved Solids (SM 2540C-2011)	**130**		10	10	mg/L			02/28/25 09:06	1

Client Sample ID: SCH-GWC-20

Date Collected: 02/25/25 11:59
Date Received: 02/26/25 12:00

Lab Sample ID: 680-262255-4
Matrix: Water

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.40		1.0	0.40	mg/L			03/05/25 17:42	1
Fluoride	<0.040		0.10	0.040	mg/L			03/05/25 17:42	1
Chloride	**2.4**		1.0	0.20	mg/L			03/05/25 17:42	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/27/25 05:30	02/27/25 15:19	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/27/25 05:30	02/27/25 15:19	1
Barium	**0.038**		0.010	0.00089	mg/L		02/27/25 05:30	02/27/25 15:19	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/27/25 05:30	02/27/25 15:19	1
Boron	<0.022		0.080	0.022	mg/L		02/27/25 05:30	02/27/25 15:19	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/27/25 05:30	02/27/25 15:19	1
Calcium	**18**		0.50	0.14	mg/L		02/27/25 05:30	02/27/25 15:19	1
Chromium	**0.0084**		0.0020	0.0012	mg/L		02/27/25 05:30	02/27/25 15:19	1

Client Sample ID: SCH-GWC-20

Lab Sample ID: 680-262255-4

Date Collected: 02/25/25 11:59

Matrix: Water

Date Received: 02/26/25 12:00

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/27/25 05:30	02/27/25 15:19	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/27/25 05:30	02/27/25 15:19	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/27/25 05:30	02/27/25 15:19	1
Magnesium	**8.1**		0.50	0.023	mg/L		02/27/25 05:30	02/27/25 15:19	1
Nickel	**0.00061**	**J**	0.0010	0.00042	mg/L		02/27/25 05:30	02/27/25 15:19	1
Potassium	**1.1**		0.50	0.044	mg/L		02/27/25 05:30	02/27/25 15:19	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/27/25 05:30	02/27/25 15:19	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/27/25 05:30	02/27/25 15:19	1
Sodium	**7.4**		0.50	0.20	mg/L		02/27/25 05:30	02/27/25 15:19	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/27/25 05:30	02/27/25 15:19	1
Vanadium	**0.016**		0.0020	0.00063	mg/L		02/27/25 05:30	02/27/25 15:19	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/27/25 05:30	02/27/25 15:19	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/06/25 12:57	03/07/25 08:03	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**89**		5.0	2.2	mg/L			02/27/25 04:09	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**89**		5.0	2.2	mg/L			02/27/25 04:09	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/27/25 04:09	1
Total Dissolved Solids (SM 2540C-2011)	**110**		10	10	mg/L			02/28/25 09:06	1

Client Sample ID: SCH-GWC-2

Lab Sample ID: 680-262255-5

Date Collected: 02/25/25 11:55

Matrix: Water

Date Received: 02/26/25 12:00

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**0.40**	**J**	1.0	0.40	mg/L			03/05/25 17:52	1
Fluoride	<0.040		0.10	0.040	mg/L			03/05/25 17:52	1
Chloride	**2.1**		1.0	0.20	mg/L			03/05/25 17:52	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/27/25 05:17	02/27/25 19:31	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/27/25 05:17	02/27/25 19:31	1
Barium	**0.043**		0.010	0.00089	mg/L		02/27/25 05:17	02/27/25 19:31	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/27/25 05:17	02/27/25 19:31	1
Boron	<0.022		0.080	0.022	mg/L		02/27/25 05:17	02/27/25 19:31	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/27/25 05:17	02/27/25 19:31	1
Calcium	**17**		0.50	0.14	mg/L		02/27/25 05:17	02/27/25 19:31	1
Chromium	**0.0092**		0.0020	0.0012	mg/L		02/27/25 05:17	02/27/25 19:31	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/27/25 05:17	02/27/25 19:31	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/27/25 05:17	02/27/25 19:31	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/27/25 05:17	02/27/25 19:31	1
Magnesium	**7.8**		0.50	0.023	mg/L		02/27/25 05:17	02/27/25 19:31	1

Client Sample ID: SCH-GWC-2

Lab Sample ID: 680-262255-5

Date Collected: 02/25/25 11:55

Matrix: Water

Date Received: 02/26/25 12:00

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	**0.0016**		0.0010	0.00042	mg/L		02/27/25 05:17	02/27/25 19:31	1
Potassium	**1.2**		0.50	0.044	mg/L		02/27/25 05:17	02/27/25 19:31	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/27/25 05:17	02/27/25 19:31	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/27/25 05:17	02/27/25 19:31	1
Sodium	**8.7**		0.50	0.20	mg/L		02/27/25 05:17	02/27/25 19:31	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/27/25 05:17	02/27/25 19:31	1
Vanadium	**0.013**		0.0020	0.00063	mg/L		02/27/25 05:17	02/27/25 19:31	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/27/25 05:17	02/27/25 19:31	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/06/25 15:04	03/07/25 09:42	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**94**		5.0	2.2	mg/L			02/27/25 02:32	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**94**		5.0	2.2	mg/L			02/27/25 02:32	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/27/25 02:32	1
Total Dissolved Solids (SM 2540C-2011)	**130**		10	10	mg/L			02/28/25 09:06	1

Client Sample ID: SCH-GWA-15

Lab Sample ID: 680-262255-6

Date Collected: 02/25/25 13:03

Matrix: Water

Date Received: 02/26/25 12:00

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**3.6**		1.0	0.40	mg/L			03/05/25 18:01	1
Fluoride	<0.040		0.10	0.040	mg/L			03/05/25 18:01	1
Chloride	**5.7**		1.0	0.20	mg/L			03/05/25 18:01	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/27/25 05:17	02/27/25 19:16	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/27/25 05:17	02/27/25 19:16	1
Barium	**0.013**		0.010	0.00089	mg/L		02/27/25 05:17	02/27/25 19:16	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/27/25 05:17	02/27/25 19:16	1
Boron	<0.022		0.080	0.022	mg/L		02/27/25 05:17	02/27/25 19:16	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/27/25 05:17	02/27/25 19:16	1
Calcium	**4.1**		0.50	0.14	mg/L		02/27/25 05:17	02/27/25 19:16	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/27/25 05:17	02/27/25 19:16	1
Cobalt	**0.0013**	**J**	0.0025	0.00022	mg/L		02/27/25 05:17	02/27/25 19:16	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/27/25 05:17	02/27/25 19:16	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/27/25 05:17	02/27/25 19:16	1
Magnesium	**2.3**		0.50	0.023	mg/L		02/27/25 05:17	02/27/25 19:16	1
Nickel	**0.00072**	**J**	0.0010	0.00042	mg/L		02/27/25 05:17	02/27/25 19:16	1
Potassium	**0.24**	**J**	0.50	0.044	mg/L		02/27/25 05:17	02/27/25 19:16	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/27/25 05:17	02/27/25 19:16	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/27/25 05:17	02/27/25 19:16	1

Client Sample ID: SCH-GWA-15

Lab Sample ID: 680-262255-6

Date Collected: 02/25/25 13:03

Matrix: Water

Date Received: 02/26/25 12:00

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	**5.5**		0.50	0.20	mg/L		02/27/25 05:17	02/27/25 19:16	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/27/25 05:17	02/27/25 19:16	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/27/25 05:17	02/27/25 19:16	1
Zinc	**0.0034**	**J**	0.0050	0.0028	mg/L		02/27/25 05:17	02/27/25 19:16	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/06/25 15:04	03/07/25 09:40	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**21**		5.0	2.2	mg/L			02/27/25 02:09	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**21**		5.0	2.2	mg/L			02/27/25 02:09	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/27/25 02:09	1
Total Dissolved Solids (SM 2540C-2011)	**52**		10	10	mg/L			02/28/25 09:06	1

Client Sample ID: SCH-GWC-1

Lab Sample ID: 680-262255-7

Date Collected: 02/25/25 13:17

Matrix: Water

Date Received: 02/26/25 12:00

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**0.48**	**J F1 F2**	1.0	0.40	mg/L			03/05/25 18:50	1
Fluoride	<0.040	F1 F2	0.10	0.040	mg/L			03/05/25 18:50	1
Chloride	**3.9**	**F1 F2**	1.0	0.20	mg/L			03/05/25 18:50	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/27/25 05:30	02/27/25 15:21	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/27/25 05:30	02/27/25 15:21	1
Barium	**0.047**		0.010	0.00089	mg/L		02/27/25 05:30	02/27/25 15:21	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/27/25 05:30	02/27/25 15:21	1
Boron	<0.022		0.080	0.022	mg/L		02/27/25 05:30	02/27/25 15:21	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/27/25 05:30	02/27/25 15:21	1
Calcium	**17**		0.50	0.14	mg/L		02/27/25 05:30	02/27/25 15:21	1
Chromium	**0.013**		0.0020	0.0012	mg/L		02/27/25 05:30	02/27/25 15:21	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/27/25 05:30	02/27/25 15:21	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/27/25 05:30	02/27/25 15:21	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/27/25 05:30	02/27/25 15:21	1
Magnesium	**8.9**		0.50	0.023	mg/L		02/27/25 05:30	02/27/25 15:21	1
Nickel	**0.00054**	**J**	0.0010	0.00042	mg/L		02/27/25 05:30	02/27/25 15:21	1
Potassium	**0.93**		0.50	0.044	mg/L		02/27/25 05:30	02/27/25 15:21	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/27/25 05:30	02/27/25 15:21	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/27/25 05:30	02/27/25 15:21	1
Sodium	**10**		0.50	0.20	mg/L		02/27/25 05:30	02/27/25 15:21	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/27/25 05:30	02/27/25 15:21	1
Vanadium	**0.017**		0.0020	0.00063	mg/L		02/27/25 05:30	02/27/25 15:21	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/27/25 05:30	02/27/25 15:21	1

Client Sample ID: SCH-GWC-1

Lab Sample ID: 680-262255-7

Date Collected: 02/25/25 13:17

Matrix: Water

Date Received: 02/26/25 12:00

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/06/25 15:04	03/07/25 09:21	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**96**		5.0	2.2	mg/L			02/27/25 04:35	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**96**		5.0	2.2	mg/L			02/27/25 04:35	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/27/25 04:35	1
Total Dissolved Solids (SM 2540C-2011)	**150**		10	10	mg/L			02/28/25 09:06	1

Client Sample ID: SCH-GWC-14

Lab Sample ID: 680-262255-8

Date Collected: 02/25/25 14:42

Matrix: Water

Date Received: 02/26/25 12:00

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.40		1.0	0.40	mg/L			03/05/25 19:19	1
Fluoride	<0.040		0.10	0.040	mg/L			03/05/25 19:19	1
Chloride	**4.3**		1.0	0.20	mg/L			03/05/25 19:19	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/27/25 05:17	02/27/25 21:45	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/27/25 05:17	02/27/25 21:45	1
Barium	**0.011**		0.010	0.00089	mg/L		02/27/25 05:17	02/27/25 21:45	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/27/25 05:17	02/27/25 21:45	1
Boron	<0.022		0.080	0.022	mg/L		02/27/25 05:17	02/27/25 21:45	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/27/25 05:17	02/27/25 21:45	1
Calcium	**7.2**		0.50	0.14	mg/L		02/27/25 05:17	02/27/25 21:45	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/27/25 05:17	02/27/25 21:45	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/27/25 05:17	02/27/25 21:45	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/27/25 05:17	02/27/25 21:45	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/27/25 05:17	02/27/25 21:45	1
Magnesium	**3.8**		0.50	0.023	mg/L		02/27/25 05:17	02/27/25 21:45	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/27/25 05:17	02/27/25 21:45	1
Potassium	**0.47**	**J**	0.50	0.044	mg/L		02/27/25 05:17	02/27/25 21:45	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/27/25 05:17	02/27/25 21:45	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/27/25 05:17	02/27/25 21:45	1
Sodium	**3.4**		0.50	0.20	mg/L		02/27/25 05:17	02/27/25 21:45	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/27/25 05:17	02/27/25 21:45	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/27/25 05:17	02/27/25 21:45	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/27/25 05:17	02/27/25 21:45	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/06/25 15:04	03/07/25 09:38	1

Client Sample ID: SCH-GWC-14

Lab Sample ID: 680-262255-8

Date Collected: 02/25/25 14:42

Matrix: Water

Date Received: 02/26/25 12:00

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**35**		5.0	2.2	mg/L			02/27/25 04:43	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**35**		5.0	2.2	mg/L			02/27/25 04:43	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/27/25 04:43	1
Total Dissolved Solids (SM 2540C-2011)	**66**		10	10	mg/L			02/28/25 09:06	1

Client Sample ID: SCH-CELL1-EB-5

Lab Sample ID: 680-262255-9

Date Collected: 02/25/25 10:20

Matrix: Water

Date Received: 02/26/25 12:00

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.40		1.0	0.40	mg/L			03/05/25 19:29	1
Fluoride	<0.040		0.10	0.040	mg/L			03/05/25 19:29	1
Chloride	<0.20		1.0	0.20	mg/L			03/05/25 19:29	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/27/25 05:17	02/27/25 19:13	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/27/25 05:17	02/27/25 19:13	1
Barium	<0.00089		0.010	0.00089	mg/L		02/27/25 05:17	02/27/25 19:13	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/27/25 05:17	02/27/25 19:13	1
Boron	<0.022		0.080	0.022	mg/L		02/27/25 05:17	02/27/25 19:13	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/27/25 05:17	02/27/25 19:13	1
Calcium	**0.20**	**J**	0.50	0.14	mg/L		02/27/25 05:17	02/27/25 19:13	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/27/25 05:17	02/27/25 19:13	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/27/25 05:17	02/27/25 19:13	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/27/25 05:17	02/27/25 19:13	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/27/25 05:17	02/27/25 19:13	1
Magnesium	**0.12**	**J**	0.50	0.023	mg/L		02/27/25 05:17	02/27/25 19:13	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/27/25 05:17	02/27/25 19:13	1
Potassium	<0.044		0.50	0.044	mg/L		02/27/25 05:17	02/27/25 19:13	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/27/25 05:17	02/27/25 19:13	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/27/25 05:17	02/27/25 19:13	1
Sodium	<0.20		0.50	0.20	mg/L		02/27/25 05:17	02/27/25 19:13	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/27/25 05:17	02/27/25 19:13	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/27/25 05:17	02/27/25 19:13	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/27/25 05:17	02/27/25 19:13	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/06/25 15:04	03/07/25 09:33	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/27/25 04:26	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/27/25 04:26	1

Client Sample ID: SCH-CELL1-EB-5

Lab Sample ID: 680-262255-9

Date Collected: 02/25/25 10:20

Matrix: Water

Date Received: 02/26/25 12:00

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/27/25 04:26	1
Total Dissolved Solids (SM 2540C-2011)	<10		10	10	mg/L			02/28/25 09:06	1

Client Sample ID: SCH-CELL1-FB-5

Lab Sample ID: 680-262255-10

Date Collected: 02/25/25 10:00

Matrix: Water

Date Received: 02/26/25 12:00

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.40		1.0	0.40	mg/L			03/05/25 19:39	1
Fluoride	<0.040		0.10	0.040	mg/L			03/05/25 19:39	1
Chloride	<0.20		1.0	0.20	mg/L			03/05/25 19:39	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/27/25 05:17	02/27/25 19:29	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/27/25 05:17	02/27/25 19:29	1
Barium	<0.00089		0.010	0.00089	mg/L		02/27/25 05:17	02/27/25 19:29	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/27/25 05:17	02/27/25 19:29	1
Boron	<0.022		0.080	0.022	mg/L		02/27/25 05:17	02/27/25 19:29	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/27/25 05:17	02/27/25 19:29	1
Calcium	<0.14		0.50	0.14	mg/L		02/27/25 05:17	02/27/25 19:29	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/27/25 05:17	02/27/25 19:29	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/27/25 05:17	02/27/25 19:29	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/27/25 05:17	02/27/25 19:29	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/27/25 05:17	02/27/25 19:29	1
Magnesium	<0.023		0.50	0.023	mg/L		02/27/25 05:17	02/27/25 19:29	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/27/25 05:17	02/27/25 19:29	1
Potassium	<0.044		0.50	0.044	mg/L		02/27/25 05:17	02/27/25 19:29	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/27/25 05:17	02/27/25 19:29	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/27/25 05:17	02/27/25 19:29	1
Sodium	<0.20		0.50	0.20	mg/L		02/27/25 05:17	02/27/25 19:29	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/27/25 05:17	02/27/25 19:29	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/27/25 05:17	02/27/25 19:29	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/27/25 05:17	02/27/25 19:29	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/06/25 15:04	03/07/25 09:14	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/27/25 04:20	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/27/25 04:20	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/27/25 04:20	1
Total Dissolved Solids (SM 2540C-2011)	<10		10	10	mg/L			02/28/25 09:06	1

Client Sample ID: SCH-CELL1-EB-6

Lab Sample ID: 680-262255-11

Date Collected: 02/25/25 14:00

Matrix: Water

Date Received: 02/26/25 12:00

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.40		1.0	0.40	mg/L			03/05/25 19:49	1
Fluoride	<0.040		0.10	0.040	mg/L			03/05/25 19:49	1
Chloride	<0.20		1.0	0.20	mg/L			03/05/25 19:49	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/27/25 05:17	02/27/25 19:26	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/27/25 05:17	02/27/25 19:26	1
Barium	**0.0034**	**J**	0.010	0.00089	mg/L		02/27/25 05:17	02/27/25 19:26	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/27/25 05:17	02/27/25 19:26	1
Boron	<0.022		0.080	0.022	mg/L		02/27/25 05:17	02/27/25 19:26	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/27/25 05:17	02/27/25 19:26	1
Calcium	<0.14		0.50	0.14	mg/L		02/27/25 05:17	02/27/25 19:26	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/27/25 05:17	02/27/25 19:26	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/27/25 05:17	02/27/25 19:26	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/27/25 05:17	02/27/25 19:26	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/27/25 05:17	02/27/25 19:26	1
Magnesium	<0.023		0.50	0.023	mg/L		02/27/25 05:17	02/27/25 19:26	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/27/25 05:17	02/27/25 19:26	1
Potassium	<0.044		0.50	0.044	mg/L		02/27/25 05:17	02/27/25 19:26	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/27/25 05:17	02/27/25 19:26	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/27/25 05:17	02/27/25 19:26	1
Sodium	<0.20		0.50	0.20	mg/L		02/27/25 05:17	02/27/25 19:26	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/27/25 05:17	02/27/25 19:26	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/27/25 05:17	02/27/25 19:26	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/27/25 05:17	02/27/25 19:26	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/06/25 15:04	03/07/25 09:09	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/27/25 04:15	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/27/25 04:15	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/27/25 04:15	1
Total Dissolved Solids (SM 2540C-2011)	<10		10	10	mg/L			02/28/25 09:06	1

Client Sample ID: SCH-CELL1-FB-6

Lab Sample ID: 680-262255-12

Date Collected: 02/25/25 14:56

Matrix: Water

Date Received: 02/26/25 12:00

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.40		1.0	0.40	mg/L			03/05/25 19:58	1
Fluoride	<0.040		0.10	0.040	mg/L			03/05/25 19:58	1
Chloride	<0.20		1.0	0.20	mg/L			03/05/25 19:58	1

Client Sample ID: SCH-CELL1-FB-6

Lab Sample ID: 680-262255-12

Date Collected: 02/25/25 14:56

Matrix: Water

Date Received: 02/26/25 12:00

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/27/25 05:30	02/27/25 15:16	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/27/25 05:30	02/27/25 15:16	1
Barium	<0.00089		0.010	0.00089	mg/L		02/27/25 05:30	02/27/25 15:16	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/27/25 05:30	02/27/25 15:16	1
Boron	**0.022**	**J**	0.080	0.022	mg/L		02/27/25 05:30	02/27/25 15:16	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/27/25 05:30	02/27/25 15:16	1
Calcium	<0.14		0.50	0.14	mg/L		02/27/25 05:30	02/27/25 15:16	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/27/25 05:30	02/27/25 15:16	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/27/25 05:30	02/27/25 15:16	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/27/25 05:30	02/27/25 15:16	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/27/25 05:30	02/27/25 15:16	1
Magnesium	<0.023		0.50	0.023	mg/L		02/27/25 05:30	02/27/25 15:16	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/27/25 05:30	02/27/25 15:16	1
Potassium	<0.044		0.50	0.044	mg/L		02/27/25 05:30	02/27/25 15:16	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/27/25 05:30	02/27/25 15:16	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/27/25 05:30	02/27/25 15:16	1
Sodium	<0.20		0.50	0.20	mg/L		02/27/25 05:30	02/27/25 15:16	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/27/25 05:30	02/27/25 15:16	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/27/25 05:30	02/27/25 15:16	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/27/25 05:30	02/27/25 15:16	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/06/25 15:04	03/07/25 09:12	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**3.4**	**J**	5.0	2.2	mg/L			02/28/25 02:54	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**3.4**	**J**	5.0	2.2	mg/L			02/28/25 02:54	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/28/25 02:54	1
Total Dissolved Solids (SM 2540C-2011)	<10		10	10	mg/L			02/28/25 09:06	1

Client Sample ID: SCH-GWC-18

Lab Sample ID: 680-262255-13

Date Collected: 02/25/25 14:40

Matrix: Water

Date Received: 02/26/25 12:00

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.40		1.0	0.40	mg/L			03/05/25 20:08	1
Fluoride	<0.040		0.10	0.040	mg/L			03/05/25 20:08	1
Chloride	**2.8**		1.0	0.20	mg/L			03/05/25 20:08	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/27/25 05:17	02/27/25 19:18	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/27/25 05:17	02/27/25 19:18	1
Barium	**0.036**		0.010	0.00089	mg/L		02/27/25 05:17	02/27/25 19:18	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/27/25 05:17	02/27/25 19:18	1

Client Sample ID: SCH-GWC-18

Lab Sample ID: 680-262255-13

Date Collected: 02/25/25 14:40

Matrix: Water

Date Received: 02/26/25 12:00

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.022		0.080	0.022	mg/L		02/27/25 05:17	02/27/25 19:18	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/27/25 05:17	02/27/25 19:18	1
Calcium	**10**		0.50	0.14	mg/L		02/27/25 05:17	02/27/25 19:18	1
Chromium	**0.011**		0.0020	0.0012	mg/L		02/27/25 05:17	02/27/25 19:18	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/27/25 05:17	02/27/25 19:18	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/27/25 05:17	02/27/25 19:18	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/27/25 05:17	02/27/25 19:18	1
Magnesium	**5.0**		0.50	0.023	mg/L		02/27/25 05:17	02/27/25 19:18	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/27/25 05:17	02/27/25 19:18	1
Potassium	**0.73**		0.50	0.044	mg/L		02/27/25 05:17	02/27/25 19:18	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/27/25 05:17	02/27/25 19:18	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/27/25 05:17	02/27/25 19:18	1
Sodium	**7.3**		0.50	0.20	mg/L		02/27/25 05:17	02/27/25 19:18	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/27/25 05:17	02/27/25 19:18	1
Vanadium	**0.0060**		0.0020	0.00063	mg/L		02/27/25 05:17	02/27/25 19:18	1
Zinc	**0.0030**	**J**	0.0050	0.0028	mg/L		02/27/25 05:17	02/27/25 19:18	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/06/25 15:04	03/07/25 09:35	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**62**		5.0	2.2	mg/L			02/28/25 15:36	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**62**		5.0	2.2	mg/L			02/28/25 15:36	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/28/25 15:36	1
Total Dissolved Solids (SM 2540C-2011)	**99**		10	10	mg/L			02/28/25 09:06	1

Client Sample ID: SCH-GWC-5

Lab Sample ID: 680-262255-14

Date Collected: 02/25/25 15:38

Matrix: Water

Date Received: 02/26/25 12:00

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**58**		5.0	2.0	mg/L			03/05/25 20:18	5
Fluoride	<0.040		0.10	0.040	mg/L			03/10/25 13:03	1
Chloride	**4.9**	**J**	5.0	1.0	mg/L			03/05/25 20:18	5

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/27/25 05:30	02/27/25 15:24	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/27/25 05:30	02/27/25 15:24	1
Barium	**0.036**		0.010	0.00089	mg/L		02/27/25 05:30	02/27/25 15:24	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/27/25 05:30	02/27/25 15:24	1
Boron	**0.14**		0.080	0.022	mg/L		02/27/25 05:30	02/27/25 15:24	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/27/25 05:30	02/27/25 15:24	1
Calcium	**25**		0.50	0.14	mg/L		02/27/25 05:30	02/27/25 15:24	1
Chromium	**0.0057**		0.0020	0.0012	mg/L		02/27/25 05:30	02/27/25 15:24	1

Client Sample ID: SCH-GWC-5

Lab Sample ID: 680-262255-14

Date Collected: 02/25/25 15:38

Matrix: Water

Date Received: 02/26/25 12:00

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/27/25 05:30	02/27/25 15:24	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/27/25 05:30	02/27/25 15:24	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/27/25 05:30	02/27/25 15:24	1
Magnesium	**13**		0.50	0.023	mg/L		02/27/25 05:30	02/27/25 15:24	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/27/25 05:30	02/27/25 15:24	1
Potassium	**1.0**		0.50	0.044	mg/L		02/27/25 05:30	02/27/25 15:24	1
Selenium	**0.0013**	**J**	0.0050	0.00099	mg/L		02/27/25 05:30	02/27/25 15:24	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/27/25 05:30	02/27/25 15:24	1
Sodium	**12**		0.50	0.20	mg/L		02/27/25 05:30	02/27/25 15:24	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/27/25 05:30	02/27/25 15:24	1
Vanadium	**0.0023**		0.0020	0.00063	mg/L		02/27/25 05:30	02/27/25 15:24	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/27/25 05:30	02/27/25 15:24	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/06/25 15:04	03/07/25 09:23	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**65**		5.0	2.2	mg/L			02/28/25 15:28	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**65**		5.0	2.2	mg/L			02/28/25 15:28	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/28/25 15:28	1
Total Dissolved Solids (SM 2540C-2011)	**200**		40	40	mg/L			02/28/25 09:06	1

Client Sample ID: SCH-GWC-19

Lab Sample ID: 680-262255-15

Date Collected: 02/25/25 15:38

Matrix: Water

Date Received: 02/26/25 12:00

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.40		1.0	0.40	mg/L			03/05/25 20:28	1
Fluoride	<0.040		0.10	0.040	mg/L			03/05/25 20:28	1
Chloride	**2.7**		1.0	0.20	mg/L			03/05/25 20:28	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/27/25 05:17	02/27/25 21:48	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/27/25 05:17	02/27/25 21:48	1
Barium	**0.033**		0.010	0.00089	mg/L		02/27/25 05:17	02/27/25 21:48	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/27/25 05:17	02/27/25 21:48	1
Boron	<0.022		0.080	0.022	mg/L		02/27/25 05:17	02/27/25 21:48	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/27/25 05:17	02/27/25 21:48	1
Calcium	**18**		0.50	0.14	mg/L		02/27/25 05:17	02/27/25 21:48	1
Chromium	**0.016**		0.0020	0.0012	mg/L		02/27/25 05:17	02/27/25 21:48	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/27/25 05:17	02/27/25 21:48	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/27/25 05:17	02/27/25 21:48	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/27/25 05:17	02/27/25 21:48	1
Magnesium	**8.9**		0.50	0.023	mg/L		02/27/25 05:17	02/27/25 21:48	1

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-262255-1

Client Sample ID: SCH-GWC-19

Date Collected: 02/25/25 15:38
Date Received: 02/26/25 12:00

Lab Sample ID: 680-262255-15

Matrix: Water

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	**0.0012**		0.0010	0.00042	mg/L		02/27/25 05:17	02/27/25 21:48	1
Potassium	**1.3**		0.50	0.044	mg/L		02/27/25 05:17	02/27/25 21:48	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/27/25 05:17	02/27/25 21:48	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/27/25 05:17	02/27/25 21:48	1
Sodium	**9.3**		0.50	0.20	mg/L		02/27/25 05:17	02/27/25 21:48	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/27/25 05:17	02/27/25 21:48	1
Vanadium	**0.0067**		0.0020	0.00063	mg/L		02/27/25 05:17	02/27/25 21:48	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/27/25 05:17	02/27/25 21:48	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/06/25 15:04	03/07/25 09:07	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**95**		5.0	2.2	mg/L			02/28/25 15:10	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**95**		5.0	2.2	mg/L			02/28/25 15:10	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/28/25 15:10	1
Total Dissolved Solids (SM 2540C-2011)	**140**		10	10	mg/L			02/28/25 09:06	1

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography

Lab Sample ID: MB 680-877805/2
Matrix: Water
Analysis Batch: 877805

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.40		1.0	0.40	mg/L			03/05/25 10:00	1
Fluoride	<0.040		0.10	0.040	mg/L			03/05/25 10:00	1
Chloride	<0.20		1.0	0.20	mg/L			03/05/25 10:00	1

Lab Sample ID: LCS 680-877805/3
Matrix: Water
Analysis Batch: 877805

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	10.0	10.5		mg/L		105	90 - 110
Fluoride	2.00	1.96		mg/L		98	90 - 110
Chloride	10.0	9.98		mg/L		100	90 - 110

Lab Sample ID: LCSD 680-877805/4
Matrix: Water
Analysis Batch: 877805

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	10.0	10.5		mg/L		105	90 - 110	0	15
Fluoride	2.00	1.96		mg/L		98	90 - 110	0	15
Chloride	10.0	10.0		mg/L		100	90 - 110	0	15

Lab Sample ID: 680-262251-D-1 MS
Matrix: Water
Analysis Batch: 877805

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	<0.40	F1	10.0	3.37	F1	mg/L		34	80 - 120
Fluoride	<0.040	F1	2.00	0.774	F1	mg/L		39	80 - 120
Chloride	1.8	F1	10.0	6.01	F1	mg/L		42	80 - 120

Lab Sample ID: 680-262251-D-1 MSD
Matrix: Water
Analysis Batch: 877805

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	<0.40	F1	10.0	3.18	F1	mg/L		32	80 - 120	6	15
Fluoride	<0.040	F1	2.00	0.753	F1	mg/L		38	80 - 120	3	15
Chloride	1.8	F1	10.0	5.91	F1	mg/L		41	80 - 120	2	15

Lab Sample ID: MB 680-877916/33
Matrix: Water
Analysis Batch: 877916

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.40		1.0	0.40	mg/L			03/05/25 18:21	1
Fluoride	<0.040		0.10	0.040	mg/L			03/05/25 18:21	1
Chloride	<0.20		1.0	0.20	mg/L			03/05/25 18:21	1

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 680-877916/34
Matrix: Water
Analysis Batch: 877916

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfate			10.0	10.4		mg/L		104	90 - 110		
Fluoride			2.00	2.06		mg/L		103	90 - 110		
Chloride			10.0	10.0		mg/L		100	90 - 110		

Lab Sample ID: LCSD 680-877916/35
Matrix: Water
Analysis Batch: 877916

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate			10.0	10.4		mg/L		104	90 - 110	0	15
Fluoride			2.00	2.06		mg/L		103	90 - 110	0	15
Chloride			10.0	10.1		mg/L		101	90 - 110	0	15

Lab Sample ID: 680-262255-7 MS
Matrix: Water
Analysis Batch: 877916

Client Sample ID: SCH-GWC-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfate	0.48	J F1 F2	10.0	4.66	F1	mg/L		42	80 - 120		
Fluoride	<0.040	F1 F2	2.00	0.996	F1	mg/L		50	80 - 120		
Chloride	3.9	F1 F2	10.0	9.61	F1	mg/L		57	80 - 120		

Lab Sample ID: 680-262255-7 MSD
Matrix: Water
Analysis Batch: 877916

Client Sample ID: SCH-GWC-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	0.48	J F1 F2	10.0	10.2	F2	mg/L		97	80 - 120	74	15
Fluoride	<0.040	F1 F2	2.00	1.89	F2	mg/L		94	80 - 120	62	15
Chloride	3.9	F1 F2	10.0	14.1	F2	mg/L		102	80 - 120	38	15

Lab Sample ID: MB 680-878279/2
Matrix: Water
Analysis Batch: 878279

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.40		1.0	0.40	mg/L			03/10/25 11:03	1
Fluoride	<0.040		0.10	0.040	mg/L			03/10/25 11:03	1
Chloride	<0.20		1.0	0.20	mg/L			03/10/25 11:03	1

Lab Sample ID: LCS 680-878279/3
Matrix: Water
Analysis Batch: 878279

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfate			10.0	11.0		mg/L		110	90 - 110		
Fluoride			2.00	1.81		mg/L		91	90 - 110		
Chloride			10.0	10.1		mg/L		101	90 - 110		

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 680-878279/4
Matrix: Water
Analysis Batch: 878279

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate			10.0	10.8		mg/L		108	90 - 110	2	15
Fluoride			2.00	1.91		mg/L		96	90 - 110	5	15
Chloride			10.0	9.78		mg/L		98	90 - 110	3	15

Lab Sample ID: 752-30176-B-1 MS
Matrix: Water
Analysis Batch: 878279

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfate	5.6		10.0	16.5		mg/L		110	80 - 120		
Fluoride	<0.040		2.00	1.67		mg/L		84	80 - 120		
Chloride	1.4		10.0	11.6		mg/L		102	80 - 120		

Lab Sample ID: 752-30176-B-1 MSD
Matrix: Water
Analysis Batch: 878279

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	5.6		10.0	17.2		mg/L		117	80 - 120	4	15
Fluoride	<0.040		2.00	1.73		mg/L		86	80 - 120	3	15
Chloride	1.4		10.0	11.8		mg/L		105	80 - 120	2	15

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 680-877177/1-A
Matrix: Water
Analysis Batch: 878157

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 877177

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/27/25 05:17	02/27/25 18:24	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/27/25 05:17	02/27/25 18:24	1
Barium	<0.00089		0.010	0.00089	mg/L		02/27/25 05:17	02/27/25 18:24	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/27/25 05:17	02/27/25 18:24	1
Boron	<0.022		0.080	0.022	mg/L		02/27/25 05:17	02/27/25 18:24	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/27/25 05:17	02/27/25 18:24	1
Calcium	<0.14		0.50	0.14	mg/L		02/27/25 05:17	02/27/25 18:24	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/27/25 05:17	02/27/25 18:24	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/27/25 05:17	02/27/25 18:24	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/27/25 05:17	02/27/25 18:24	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/27/25 05:17	02/27/25 18:24	1
Magnesium	<0.023		0.50	0.023	mg/L		02/27/25 05:17	02/27/25 18:24	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/27/25 05:17	02/27/25 18:24	1
Potassium	<0.044		0.50	0.044	mg/L		02/27/25 05:17	02/27/25 18:24	1
Selenium	0.00140	J	0.0050	0.00099	mg/L		02/27/25 05:17	02/27/25 18:24	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/27/25 05:17	02/27/25 18:24	1
Sodium	<0.20		0.50	0.20	mg/L		02/27/25 05:17	02/27/25 18:24	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/27/25 05:17	02/27/25 18:24	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/27/25 05:17	02/27/25 18:24	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/27/25 05:17	02/27/25 18:24	1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 680-877177/2-A
Matrix: Water
Analysis Batch: 878157

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 877177

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.0500	0.0497		mg/L		99	80 - 120
Arsenic	0.100	0.103		mg/L		103	80 - 120
Barium	0.100	0.104		mg/L		104	80 - 120
Beryllium	0.0500	0.0507		mg/L		101	80 - 120
Boron	0.400	0.387		mg/L		97	80 - 120
Cadmium	0.0500	0.0528		mg/L		106	80 - 120
Calcium	5.00	5.07		mg/L		101	80 - 120
Chromium	0.100	0.104		mg/L		104	80 - 120
Cobalt	0.0500	0.0544		mg/L		109	80 - 120
Copper	0.101	0.108		mg/L		107	80 - 120
Lead	0.500	0.523		mg/L		105	80 - 120
Magnesium	5.00	4.81		mg/L		96	80 - 120
Nickel	0.100	0.105		mg/L		105	80 - 120
Potassium	7.00	7.51		mg/L		107	80 - 120
Selenium	0.100	0.104		mg/L		104	80 - 120
Silver	0.0500	0.0525		mg/L		105	80 - 120
Sodium	5.00	4.99		mg/L		100	80 - 120
Thallium	0.0500	0.0515		mg/L		103	80 - 120
Vanadium	0.100	0.103		mg/L		103	80 - 120
Zinc	0.100	0.108		mg/L		108	80 - 120

Lab Sample ID: 680-262261-E-7-B MS
Matrix: Water
Analysis Batch: 878157

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 877177

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.00034		0.0500	0.0515		mg/L		103	75 - 125
Arsenic	<0.00086		0.100	0.104		mg/L		104	75 - 125
Barium	0.014		0.100	0.118		mg/L		104	75 - 125
Beryllium	<0.00020		0.0500	0.0543		mg/L		109	75 - 125
Boron	<0.022		0.400	0.424		mg/L		106	75 - 125
Cadmium	<0.000078		0.0500	0.0534		mg/L		107	75 - 125
Calcium	17		5.00	21.3		mg/L		95	75 - 125
Chromium	0.0025		0.100	0.109		mg/L		106	75 - 125
Cobalt	<0.00022		0.0500	0.0546		mg/L		109	75 - 125
Copper	<0.0011		0.101	0.108		mg/L		107	75 - 125
Lead	<0.00021		0.500	0.522		mg/L		104	75 - 125
Magnesium	8.3		5.00	12.6		mg/L		87	75 - 125
Nickel	<0.00042		0.100	0.106		mg/L		106	75 - 125
Potassium	1.1		7.00	8.73		mg/L		109	75 - 125
Selenium	0.0012	J B	0.100	0.105		mg/L		104	75 - 125
Silver	<0.00039	F1	0.0500	0.0632	F1	mg/L		126	75 - 125
Sodium	15		5.00	19.9		mg/L		89	75 - 125
Thallium	<0.00026		0.0500	0.0522		mg/L		104	75 - 125
Vanadium	0.015		0.100	0.120		mg/L		105	75 - 125
Zinc	<0.0028		0.100	0.107		mg/L		107	75 - 125

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 680-262261-E-7-C MSD
Matrix: Water
Analysis Batch: 878157

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 877177

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.00034		0.0500	0.0501		mg/L		100	75 - 125	3	20
Arsenic	<0.00086		0.100	0.100		mg/L		100	75 - 125	4	20
Barium	0.014		0.100	0.117		mg/L		103	75 - 125	1	20
Beryllium	<0.00020		0.0500	0.0518		mg/L		104	75 - 125	5	20
Boron	<0.022		0.400	0.407		mg/L		102	75 - 125	4	20
Cadmium	<0.000078		0.0500	0.0528		mg/L		106	75 - 125	1	20
Calcium	17		5.00	20.8		mg/L		84	75 - 125	2	20
Chromium	0.0025		0.100	0.107		mg/L		105	75 - 125	1	20
Cobalt	<0.00022		0.0500	0.0528		mg/L		106	75 - 125	3	20
Copper	<0.0011		0.101	0.105		mg/L		104	75 - 125	3	20
Lead	<0.00021		0.500	0.513		mg/L		103	75 - 125	2	20
Magnesium	8.3		5.00	12.5		mg/L		83	75 - 125	1	20
Nickel	<0.00042		0.100	0.105		mg/L		105	75 - 125	1	20
Potassium	1.1		7.00	8.54		mg/L		107	75 - 125	2	20
Selenium	0.0012	J B	0.100	0.102		mg/L		101	75 - 125	3	20
Silver	<0.00039	F1	0.0500	0.0608		mg/L		122	75 - 125	4	20
Sodium	15		5.00	19.8		mg/L		88	75 - 125	0	20
Thallium	<0.00026		0.0500	0.0516		mg/L		103	75 - 125	1	20
Vanadium	0.015		0.100	0.116		mg/L		101	75 - 125	4	20
Zinc	<0.0028		0.100	0.103		mg/L		103	75 - 125	4	20

Lab Sample ID: MB 680-877178/1-A
Matrix: Water
Analysis Batch: 878157

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 877178

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/27/25 05:17	02/27/25 19:36	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/27/25 05:17	02/27/25 19:36	1
Barium	<0.00089		0.010	0.00089	mg/L		02/27/25 05:17	02/27/25 19:36	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/27/25 05:17	02/27/25 19:36	1
Boron	<0.022		0.080	0.022	mg/L		02/27/25 05:17	02/27/25 19:36	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/27/25 05:17	02/27/25 19:36	1
Calcium	<0.14		0.50	0.14	mg/L		02/27/25 05:17	02/27/25 19:36	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/27/25 05:17	02/27/25 19:36	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/27/25 05:17	02/27/25 19:36	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/27/25 05:17	02/27/25 19:36	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/27/25 05:17	02/27/25 19:36	1
Magnesium	<0.023		0.50	0.023	mg/L		02/27/25 05:17	02/27/25 19:36	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/27/25 05:17	02/27/25 19:36	1
Potassium	<0.044		0.50	0.044	mg/L		02/27/25 05:17	02/27/25 19:36	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/27/25 05:17	02/27/25 19:36	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/27/25 05:17	02/27/25 19:36	1
Sodium	<0.20		0.50	0.20	mg/L		02/27/25 05:17	02/27/25 19:36	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/27/25 05:17	02/27/25 19:36	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/27/25 05:17	02/27/25 19:36	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/27/25 05:17	02/27/25 19:36	1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 680-877178/2-A
Matrix: Water
Analysis Batch: 878157

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 877178

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.0500	0.0501		mg/L		100	80 - 120
Arsenic	0.100	0.103		mg/L		103	80 - 120
Barium	0.100	0.102		mg/L		102	80 - 120
Beryllium	0.0500	0.0532		mg/L		106	80 - 120
Boron	0.400	0.420		mg/L		105	80 - 120
Cadmium	0.0500	0.0518		mg/L		104	80 - 120
Calcium	5.00	5.07		mg/L		101	80 - 120
Chromium	0.100	0.105		mg/L		105	80 - 120
Cobalt	0.0500	0.0538		mg/L		108	80 - 120
Copper	0.101	0.108		mg/L		107	80 - 120
Lead	0.500	0.519		mg/L		104	80 - 120
Magnesium	5.00	4.76		mg/L		95	80 - 120
Nickel	0.100	0.106		mg/L		106	80 - 120
Potassium	7.00	7.44		mg/L		106	80 - 120
Selenium	0.100	0.105		mg/L		105	80 - 120
Silver	0.0500	0.0522		mg/L		104	80 - 120
Sodium	5.00	5.16		mg/L		103	80 - 120
Thallium	0.0500	0.0507		mg/L		101	80 - 120
Vanadium	0.100	0.103		mg/L		103	80 - 120
Zinc	0.100	0.109		mg/L		109	80 - 120

Lab Sample ID: MB 680-877179/1-A
Matrix: Water
Analysis Batch: 878157

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 877179

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/27/25 05:17	02/27/25 20:48	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/27/25 05:17	02/27/25 20:48	1
Barium	<0.00089		0.010	0.00089	mg/L		02/27/25 05:17	02/27/25 20:48	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/27/25 05:17	02/27/25 20:48	1
Boron	<0.022		0.080	0.022	mg/L		02/27/25 05:17	02/27/25 20:48	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/27/25 05:17	02/27/25 20:48	1
Calcium	<0.14		0.50	0.14	mg/L		02/27/25 05:17	02/27/25 20:48	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/27/25 05:17	02/27/25 20:48	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/27/25 05:17	02/27/25 20:48	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/27/25 05:17	02/27/25 20:48	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/27/25 05:17	02/27/25 20:48	1
Magnesium	<0.023		0.50	0.023	mg/L		02/27/25 05:17	02/27/25 20:48	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/27/25 05:17	02/27/25 20:48	1
Potassium	<0.044		0.50	0.044	mg/L		02/27/25 05:17	02/27/25 20:48	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/27/25 05:17	02/27/25 20:48	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/27/25 05:17	02/27/25 20:48	1
Sodium	<0.20		0.50	0.20	mg/L		02/27/25 05:17	02/27/25 20:48	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/27/25 05:17	02/27/25 20:48	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/27/25 05:17	02/27/25 20:48	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/27/25 05:17	02/27/25 20:48	1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 680-877179/2-A
Matrix: Water
Analysis Batch: 878157

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 877179

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.0500	0.0485		mg/L		97	80 - 120
Arsenic	0.100	0.0975		mg/L		98	80 - 120
Barium	0.100	0.101		mg/L		101	80 - 120
Beryllium	0.0500	0.0528		mg/L		106	80 - 120
Boron	0.400	0.406		mg/L		101	80 - 120
Cadmium	0.0500	0.0519		mg/L		104	80 - 120
Calcium	5.00	4.89		mg/L		98	80 - 120
Chromium	0.100	0.101		mg/L		101	80 - 120
Cobalt	0.0500	0.0514		mg/L		103	80 - 120
Copper	0.101	0.103		mg/L		102	80 - 120
Lead	0.500	0.500		mg/L		100	80 - 120
Magnesium	5.00	4.56		mg/L		91	80 - 120
Nickel	0.100	0.102		mg/L		102	80 - 120
Potassium	7.00	7.22		mg/L		103	80 - 120
Selenium	0.100	0.0996		mg/L		100	80 - 120
Silver	0.0500	0.0529		mg/L		106	80 - 120
Sodium	5.00	4.91		mg/L		98	80 - 120
Thallium	0.0500	0.0488		mg/L		98	80 - 120
Vanadium	0.100	0.0976		mg/L		98	80 - 120
Zinc	0.100	0.102		mg/L		102	80 - 120

Lab Sample ID: MB 680-877182/1-A
Matrix: Water
Analysis Batch: 878157

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 877182

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/27/25 05:30	02/27/25 15:04	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/27/25 05:30	02/27/25 15:04	1
Barium	<0.00089		0.010	0.00089	mg/L		02/27/25 05:30	02/27/25 15:04	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/27/25 05:30	02/27/25 15:04	1
Boron	<0.022		0.080	0.022	mg/L		02/27/25 05:30	02/27/25 15:04	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/27/25 05:30	02/27/25 15:04	1
Calcium	<0.14		0.50	0.14	mg/L		02/27/25 05:30	02/27/25 15:04	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/27/25 05:30	02/27/25 15:04	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/27/25 05:30	02/27/25 15:04	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/27/25 05:30	02/27/25 15:04	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/27/25 05:30	02/27/25 15:04	1
Magnesium	<0.023		0.50	0.023	mg/L		02/27/25 05:30	02/27/25 15:04	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/27/25 05:30	02/27/25 15:04	1
Potassium	<0.044		0.50	0.044	mg/L		02/27/25 05:30	02/27/25 15:04	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/27/25 05:30	02/27/25 15:04	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/27/25 05:30	02/27/25 15:04	1
Sodium	<0.20		0.50	0.20	mg/L		02/27/25 05:30	02/27/25 15:04	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/27/25 05:30	02/27/25 15:04	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/27/25 05:30	02/27/25 15:04	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/27/25 05:30	02/27/25 15:04	1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 680-877182/2-A
Matrix: Water
Analysis Batch: 878157

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 877182

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Antimony			0.0500	0.0505		mg/L		101	80 - 120		
Arsenic			0.100	0.100		mg/L		100	80 - 120		
Barium			0.100	0.101		mg/L		101	80 - 120		
Beryllium			0.0500	0.0537		mg/L		107	80 - 120		
Boron			0.400	0.432		mg/L		108	80 - 120		
Cadmium			0.0500	0.0522		mg/L		104	80 - 120		
Calcium			5.00	4.99		mg/L		100	80 - 120		
Chromium			0.100	0.103		mg/L		103	80 - 120		
Cobalt			0.0500	0.0520		mg/L		104	80 - 120		
Copper			0.101	0.105		mg/L		104	80 - 120		
Lead			0.500	0.504		mg/L		101	80 - 120		
Magnesium			5.00	4.68		mg/L		94	80 - 120		
Nickel			0.100	0.106		mg/L		106	80 - 120		
Potassium			7.00	7.29		mg/L		104	80 - 120		
Selenium			0.100	0.101		mg/L		101	80 - 120		
Silver			0.0500	0.0516		mg/L		103	80 - 120		
Sodium			5.00	5.08		mg/L		102	80 - 120		
Thallium			0.0500	0.0503		mg/L		101	80 - 120		
Vanadium			0.100	0.0990		mg/L		99	80 - 120		
Zinc			0.100	0.104		mg/L		104	80 - 120		

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 680-878032/1-A
Matrix: Water
Analysis Batch: 878134

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 878032

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/06/25 12:57	03/06/25 18:19	1

Lab Sample ID: LCS 680-878032/2-A
Matrix: Water
Analysis Batch: 878134

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 878032

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.00250	0.00248		mg/L		99	80 - 120		

Lab Sample ID: 400-271525-A-1-C MS
Matrix: Water
Analysis Batch: 878134

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 878032

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	<0.000080		0.00100	0.00101		mg/L		101	80 - 120		

Lab Sample ID: 400-271525-A-1-D MSD
Matrix: Water
Analysis Batch: 878134

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 878032

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.000080		0.00100	0.00104		mg/L		104	80 - 120	2	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 680-878053/1-A
Matrix: Water
Analysis Batch: 878134

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 878053

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/06/25 15:04	03/07/25 08:38	1

Lab Sample ID: LCS 680-878053/2-A
Matrix: Water
Analysis Batch: 878134

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 878053

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.00250	0.00239		mg/L		96	80 - 120		

Lab Sample ID: 680-262261-E-1-C MS
Matrix: Water
Analysis Batch: 878134

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 878053

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	<0.000080		0.00100	0.00105		mg/L		105	80 - 120		

Lab Sample ID: 680-262261-E-1-D MSD
Matrix: Water
Analysis Batch: 878134

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 878053

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.000080		0.00100	0.00105		mg/L		105	80 - 120	0	20

Method: 2320B-2011 - Alkalinity, Total

Lab Sample ID: MB 680-877284/4
Matrix: Water
Analysis Batch: 877284

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5	<2.2		5.0	2.2	mg/L			02/27/25 00:44	1
Bicarbonate Alkalinity as CaCO3	<2.2		5.0	2.2	mg/L			02/27/25 00:44	1
Carbonate Alkalinity as CaCO3	<2.2		5.0	2.2	mg/L			02/27/25 00:44	1

Lab Sample ID: LCS 680-877284/6
Matrix: Water
Analysis Batch: 877284

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Alkalinity as CaCO3 to pH 4.5			250	248		mg/L		99	90 - 112		

Lab Sample ID: LCSD 680-877284/31
Matrix: Water
Analysis Batch: 877284

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5			250	253		mg/L		101	90 - 112	2	30

Method: 2320B-2011 - Alkalinity, Total (Continued)

Lab Sample ID: 680-262185-B-6 DU
Matrix: Water
Analysis Batch: 877284

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	67		67.4		mg/L		0	30
Bicarbonate Alkalinity as CaCO3	67		67.4		mg/L		0	30
Carbonate Alkalinity as CaCO3	<2.2		<2.2		mg/L		NC	30

Lab Sample ID: 680-262251-C-4 DU
Matrix: Water
Analysis Batch: 877284

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	12		8.39	F5	mg/L		34	30
Bicarbonate Alkalinity as CaCO3	12		8.39	F5	mg/L		34	30
Carbonate Alkalinity as CaCO3	<2.2		<2.2		mg/L		NC	30

Lab Sample ID: MB 680-877372/4
Matrix: Water
Analysis Batch: 877372

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5	<2.2		5.0	2.2	mg/L			02/27/25 22:53	1
Bicarbonate Alkalinity as CaCO3	<2.2		5.0	2.2	mg/L			02/27/25 22:53	1
Carbonate Alkalinity as CaCO3	<2.2		5.0	2.2	mg/L			02/27/25 22:53	1

Lab Sample ID: LCS 680-877372/6
Matrix: Water
Analysis Batch: 877372

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity as CaCO3 to pH 4.5	250	248		mg/L		99	90 - 112

Lab Sample ID: LCSD 680-877372/31
Matrix: Water
Analysis Batch: 877372

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	250	259		mg/L		103	90 - 112	4	30

Lab Sample ID: 680-262289-A-10 DU
Matrix: Water
Analysis Batch: 877372

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	140		137		mg/L		0.3	30
Bicarbonate Alkalinity as CaCO3	140		137		mg/L		0.3	30
Carbonate Alkalinity as CaCO3	<2.2		<2.2		mg/L		NC	30

Method: 2320B-2011 - Alkalinity, Total (Continued)

Lab Sample ID: MB 680-877561/4
Matrix: Water
Analysis Batch: 877561

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5	<2.2		5.0	2.2	mg/L			02/28/25 14:43	1
Bicarbonate Alkalinity as CaCO3	<2.2		5.0	2.2	mg/L			02/28/25 14:43	1
Carbonate Alkalinity as CaCO3	<2.2		5.0	2.2	mg/L			02/28/25 14:43	1

Lab Sample ID: LCS 680-877561/6
Matrix: Water
Analysis Batch: 877561

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Alkalinity as CaCO3 to pH 4.5			250	244		mg/L		98	90 - 112		

Lab Sample ID: LCSD 680-877561/31
Matrix: Water
Analysis Batch: 877561

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5			250	247		mg/L		99	90 - 112	1	30

Lab Sample ID: 680-262255-15 DU
Matrix: Water
Analysis Batch: 877561

Client Sample ID: SCH-GWC-19
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	95			93.8		mg/L				2	30
Bicarbonate Alkalinity as CaCO3	95			93.8		mg/L				2	30
Carbonate Alkalinity as CaCO3	<2.2			<2.2		mg/L				NC	30

Method: 2540C-2011 - Total Dissolved Solids (Dried at 180 °C)

Lab Sample ID: MB 680-877297/1
Matrix: Water
Analysis Batch: 877297

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			02/27/25 20:38	1

Lab Sample ID: LCS 680-877297/2
Matrix: Water
Analysis Batch: 877297

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids			2440	2380		mg/L		98	80 - 120		

Method: 2540C-2011 - Total Dissolved Solids (Dried at 180 °C) (Continued)

Lab Sample ID: LCSD 680-877297/3
Matrix: Water
Analysis Batch: 877297

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids			2440	2390		mg/L		98	80 - 120	0	25

Lab Sample ID: 680-262223-D-14 DU
Matrix: Water
Analysis Batch: 877297

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	480			468		mg/L				3	5

Lab Sample ID: MB 680-877333/1
Matrix: Water
Analysis Batch: 877333

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			02/28/25 09:06	1

Lab Sample ID: LCS 680-877333/2
Matrix: Water
Analysis Batch: 877333

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids			2440	2480		mg/L		102	80 - 120		

Lab Sample ID: LCSD 680-877333/3
Matrix: Water
Analysis Batch: 877333

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids			2440	2500		mg/L		103	80 - 120	1	25

Lab Sample ID: 680-262255-2 DU
Matrix: Water
Analysis Batch: 877333

Client Sample ID: SCH-GWC-4
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	350			358		mg/L				3	5

Lab Sample ID: 680-262255-14 DU
Matrix: Water
Analysis Batch: 877333

Client Sample ID: SCH-GWC-5
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	200			198		mg/L				0	5

HPLC/IC

Analysis Batch: 877805

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262255-1	SCH-GWA-16	Total/NA	Water	300.0-1993 R2.1	
680-262255-2	SCH-GWC-4	Total/NA	Water	300.0-1993 R2.1	
680-262255-3	SCH-GWC-3	Total/NA	Water	300.0-1993 R2.1	
680-262255-4	SCH-GWC-20	Total/NA	Water	300.0-1993 R2.1	
680-262255-5	SCH-GWC-2	Total/NA	Water	300.0-1993 R2.1	
680-262255-6	SCH-GWA-15	Total/NA	Water	300.0-1993 R2.1	
MB 680-877805/2	Method Blank	Total/NA	Water	300.0-1993 R2.1	
LCS 680-877805/3	Lab Control Sample	Total/NA	Water	300.0-1993 R2.1	
LCSD 680-877805/4	Lab Control Sample Dup	Total/NA	Water	300.0-1993 R2.1	
680-262251-D-1 MS	Matrix Spike	Total/NA	Water	300.0-1993 R2.1	
680-262251-D-1 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0-1993 R2.1	

Analysis Batch: 877916

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262255-7	SCH-GWC-1	Total/NA	Water	300.0-1993 R2.1	
680-262255-8	SCH-GWC-14	Total/NA	Water	300.0-1993 R2.1	
680-262255-9	SCH-CELL1-EB-5	Total/NA	Water	300.0-1993 R2.1	
680-262255-10	SCH-CELL1-FB-5	Total/NA	Water	300.0-1993 R2.1	
680-262255-11	SCH-CELL1-EB-6	Total/NA	Water	300.0-1993 R2.1	
680-262255-12	SCH-CELL1-FB-6	Total/NA	Water	300.0-1993 R2.1	
680-262255-13	SCH-GWC-18	Total/NA	Water	300.0-1993 R2.1	
680-262255-14	SCH-GWC-5	Total/NA	Water	300.0-1993 R2.1	
680-262255-15	SCH-GWC-19	Total/NA	Water	300.0-1993 R2.1	
MB 680-877916/33	Method Blank	Total/NA	Water	300.0-1993 R2.1	
LCS 680-877916/34	Lab Control Sample	Total/NA	Water	300.0-1993 R2.1	
LCSD 680-877916/35	Lab Control Sample Dup	Total/NA	Water	300.0-1993 R2.1	
680-262255-7 MS	SCH-GWC-1	Total/NA	Water	300.0-1993 R2.1	
680-262255-7 MSD	SCH-GWC-1	Total/NA	Water	300.0-1993 R2.1	

Analysis Batch: 878279

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262255-14	SCH-GWC-5	Total/NA	Water	300.0-1993 R2.1	
MB 680-878279/2	Method Blank	Total/NA	Water	300.0-1993 R2.1	
LCS 680-878279/3	Lab Control Sample	Total/NA	Water	300.0-1993 R2.1	
LCSD 680-878279/4	Lab Control Sample Dup	Total/NA	Water	300.0-1993 R2.1	
752-30176-B-1 MS	Matrix Spike	Total/NA	Water	300.0-1993 R2.1	
752-30176-B-1 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0-1993 R2.1	

Metals

Prep Batch: 877177

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262255-3	SCH-GWC-3	Total Recoverable	Water	3005A	
680-262255-5	SCH-GWC-2	Total Recoverable	Water	3005A	
680-262255-6	SCH-GWA-15	Total Recoverable	Water	3005A	
680-262255-9	SCH-CELL1-EB-5	Total Recoverable	Water	3005A	
680-262255-10	SCH-CELL1-FB-5	Total Recoverable	Water	3005A	
680-262255-11	SCH-CELL1-EB-6	Total Recoverable	Water	3005A	
680-262255-13	SCH-GWC-18	Total Recoverable	Water	3005A	
MB 680-877177/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-877177/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Metals (Continued)

Prep Batch: 877177 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262261-E-7-B MS	Matrix Spike	Total Recoverable	Water	3005A	
680-262261-E-7-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Prep Batch: 877178

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262255-1	SCH-GWA-16	Total Recoverable	Water	3005A	
MB 680-877178/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-877178/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Prep Batch: 877179

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262255-2	SCH-GWC-4	Total Recoverable	Water	3005A	
680-262255-8	SCH-GWC-14	Total Recoverable	Water	3005A	
680-262255-15	SCH-GWC-19	Total Recoverable	Water	3005A	
MB 680-877179/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-877179/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Prep Batch: 877182

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262255-4	SCH-GWC-20	Total Recoverable	Water	3005A	
680-262255-7	SCH-GWC-1	Total Recoverable	Water	3005A	
680-262255-12	SCH-CELL1-FB-6	Total Recoverable	Water	3005A	
680-262255-14	SCH-GWC-5	Total Recoverable	Water	3005A	
MB 680-877182/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-877182/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Prep Batch: 878032

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262255-1	SCH-GWA-16	Total/NA	Water	7470A	
680-262255-2	SCH-GWC-4	Total/NA	Water	7470A	
680-262255-3	SCH-GWC-3	Total/NA	Water	7470A	
680-262255-4	SCH-GWC-20	Total/NA	Water	7470A	
MB 680-878032/1-A	Method Blank	Total/NA	Water	7470A	
LCS 680-878032/2-A	Lab Control Sample	Total/NA	Water	7470A	
400-271525-A-1-C MS	Matrix Spike	Total/NA	Water	7470A	
400-271525-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Prep Batch: 878053

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262255-5	SCH-GWC-2	Total/NA	Water	7470A	
680-262255-6	SCH-GWA-15	Total/NA	Water	7470A	
680-262255-7	SCH-GWC-1	Total/NA	Water	7470A	
680-262255-8	SCH-GWC-14	Total/NA	Water	7470A	
680-262255-9	SCH-CELL1-EB-5	Total/NA	Water	7470A	
680-262255-10	SCH-CELL1-FB-5	Total/NA	Water	7470A	
680-262255-11	SCH-CELL1-EB-6	Total/NA	Water	7470A	
680-262255-12	SCH-CELL1-FB-6	Total/NA	Water	7470A	
680-262255-13	SCH-GWC-18	Total/NA	Water	7470A	
680-262255-14	SCH-GWC-5	Total/NA	Water	7470A	
680-262255-15	SCH-GWC-19	Total/NA	Water	7470A	
MB 680-878053/1-A	Method Blank	Total/NA	Water	7470A	

Metals (Continued)

Prep Batch: 878053 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 680-878053/2-A	Lab Control Sample	Total/NA	Water	7470A	
680-262261-E-1-C MS	Matrix Spike	Total/NA	Water	7470A	
680-262261-E-1-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Analysis Batch: 878134

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262255-1	SCH-GWA-16	Total/NA	Water	7470A	878032
680-262255-2	SCH-GWC-4	Total/NA	Water	7470A	878032
680-262255-3	SCH-GWC-3	Total/NA	Water	7470A	878032
680-262255-4	SCH-GWC-20	Total/NA	Water	7470A	878032
680-262255-5	SCH-GWC-2	Total/NA	Water	7470A	878053
680-262255-6	SCH-GWA-15	Total/NA	Water	7470A	878053
680-262255-7	SCH-GWC-1	Total/NA	Water	7470A	878053
680-262255-8	SCH-GWC-14	Total/NA	Water	7470A	878053
680-262255-9	SCH-CELL1-EB-5	Total/NA	Water	7470A	878053
680-262255-10	SCH-CELL1-FB-5	Total/NA	Water	7470A	878053
680-262255-11	SCH-CELL1-EB-6	Total/NA	Water	7470A	878053
680-262255-12	SCH-CELL1-FB-6	Total/NA	Water	7470A	878053
680-262255-13	SCH-GWC-18	Total/NA	Water	7470A	878053
680-262255-14	SCH-GWC-5	Total/NA	Water	7470A	878053
680-262255-15	SCH-GWC-19	Total/NA	Water	7470A	878053
MB 680-878032/1-A	Method Blank	Total/NA	Water	7470A	878032
MB 680-878053/1-A	Method Blank	Total/NA	Water	7470A	878053
LCS 680-878032/2-A	Lab Control Sample	Total/NA	Water	7470A	878032
LCS 680-878053/2-A	Lab Control Sample	Total/NA	Water	7470A	878053
400-271525-A-1-C MS	Matrix Spike	Total/NA	Water	7470A	878032
400-271525-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	878032
680-262261-E-1-C MS	Matrix Spike	Total/NA	Water	7470A	878053
680-262261-E-1-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	878053

Analysis Batch: 878157

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262255-1	SCH-GWA-16	Total Recoverable	Water	6020B	877178
680-262255-2	SCH-GWC-4	Total Recoverable	Water	6020B	877179
680-262255-3	SCH-GWC-3	Total Recoverable	Water	6020B	877177
680-262255-4	SCH-GWC-20	Total Recoverable	Water	6020B	877182
680-262255-5	SCH-GWC-2	Total Recoverable	Water	6020B	877177
680-262255-6	SCH-GWA-15	Total Recoverable	Water	6020B	877177
680-262255-7	SCH-GWC-1	Total Recoverable	Water	6020B	877182
680-262255-8	SCH-GWC-14	Total Recoverable	Water	6020B	877179
680-262255-9	SCH-CELL1-EB-5	Total Recoverable	Water	6020B	877177
680-262255-10	SCH-CELL1-FB-5	Total Recoverable	Water	6020B	877177
680-262255-11	SCH-CELL1-EB-6	Total Recoverable	Water	6020B	877177
680-262255-12	SCH-CELL1-FB-6	Total Recoverable	Water	6020B	877182
680-262255-13	SCH-GWC-18	Total Recoverable	Water	6020B	877177
680-262255-14	SCH-GWC-5	Total Recoverable	Water	6020B	877182
680-262255-15	SCH-GWC-19	Total Recoverable	Water	6020B	877179
MB 680-877177/1-A	Method Blank	Total Recoverable	Water	6020B	877177
MB 680-877178/1-A	Method Blank	Total Recoverable	Water	6020B	877178
MB 680-877179/1-A	Method Blank	Total Recoverable	Water	6020B	877179
MB 680-877182/1-A	Method Blank	Total Recoverable	Water	6020B	877182

Metals (Continued)

Analysis Batch: 878157 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 680-877177/2-A	Lab Control Sample	Total Recoverable	Water	6020B	877177
LCS 680-877178/2-A	Lab Control Sample	Total Recoverable	Water	6020B	877178
LCS 680-877179/2-A	Lab Control Sample	Total Recoverable	Water	6020B	877179
LCS 680-877182/2-A	Lab Control Sample	Total Recoverable	Water	6020B	877182
680-262261-E-7-B MS	Matrix Spike	Total Recoverable	Water	6020B	877177
680-262261-E-7-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020B	877177

General Chemistry

Analysis Batch: 877284

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262255-1	SCH-GWA-16	Total/NA	Water	2320B-2011	
680-262255-2	SCH-GWC-4	Total/NA	Water	2320B-2011	
680-262255-3	SCH-GWC-3	Total/NA	Water	2320B-2011	
680-262255-4	SCH-GWC-20	Total/NA	Water	2320B-2011	
680-262255-5	SCH-GWC-2	Total/NA	Water	2320B-2011	
680-262255-6	SCH-GWA-15	Total/NA	Water	2320B-2011	
680-262255-7	SCH-GWC-1	Total/NA	Water	2320B-2011	
680-262255-8	SCH-GWC-14	Total/NA	Water	2320B-2011	
680-262255-9	SCH-CELL1-EB-5	Total/NA	Water	2320B-2011	
680-262255-10	SCH-CELL1-FB-5	Total/NA	Water	2320B-2011	
680-262255-11	SCH-CELL1-EB-6	Total/NA	Water	2320B-2011	
MB 680-877284/4	Method Blank	Total/NA	Water	2320B-2011	
LCS 680-877284/6	Lab Control Sample	Total/NA	Water	2320B-2011	
LCSD 680-877284/31	Lab Control Sample Dup	Total/NA	Water	2320B-2011	
680-262185-B-6 DU	Duplicate	Total/NA	Water	2320B-2011	
680-262251-C-4 DU	Duplicate	Total/NA	Water	2320B-2011	

Analysis Batch: 877297

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262255-1	SCH-GWA-16	Total/NA	Water	2540C-2011	
MB 680-877297/1	Method Blank	Total/NA	Water	2540C-2011	
LCS 680-877297/2	Lab Control Sample	Total/NA	Water	2540C-2011	
LCSD 680-877297/3	Lab Control Sample Dup	Total/NA	Water	2540C-2011	
680-262223-D-14 DU	Duplicate	Total/NA	Water	2540C-2011	

Analysis Batch: 877333

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262255-2	SCH-GWC-4	Total/NA	Water	2540C-2011	
680-262255-3	SCH-GWC-3	Total/NA	Water	2540C-2011	
680-262255-4	SCH-GWC-20	Total/NA	Water	2540C-2011	
680-262255-5	SCH-GWC-2	Total/NA	Water	2540C-2011	
680-262255-6	SCH-GWA-15	Total/NA	Water	2540C-2011	
680-262255-7	SCH-GWC-1	Total/NA	Water	2540C-2011	
680-262255-8	SCH-GWC-14	Total/NA	Water	2540C-2011	
680-262255-9	SCH-CELL1-EB-5	Total/NA	Water	2540C-2011	
680-262255-10	SCH-CELL1-FB-5	Total/NA	Water	2540C-2011	
680-262255-11	SCH-CELL1-EB-6	Total/NA	Water	2540C-2011	
680-262255-12	SCH-CELL1-FB-6	Total/NA	Water	2540C-2011	
680-262255-13	SCH-GWC-18	Total/NA	Water	2540C-2011	
680-262255-14	SCH-GWC-5	Total/NA	Water	2540C-2011	

General Chemistry (Continued)

Analysis Batch: 877333 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262255-15	SCH-GWC-19	Total/NA	Water	2540C-2011	
MB 680-877333/1	Method Blank	Total/NA	Water	2540C-2011	
LCS 680-877333/2	Lab Control Sample	Total/NA	Water	2540C-2011	
LCSD 680-877333/3	Lab Control Sample Dup	Total/NA	Water	2540C-2011	
680-262255-2 DU	SCH-GWC-4	Total/NA	Water	2540C-2011	
680-262255-14 DU	SCH-GWC-5	Total/NA	Water	2540C-2011	

Analysis Batch: 877372

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262255-12	SCH-CELL1-FB-6	Total/NA	Water	2320B-2011	
MB 680-877372/4	Method Blank	Total/NA	Water	2320B-2011	
LCS 680-877372/6	Lab Control Sample	Total/NA	Water	2320B-2011	
LCSD 680-877372/31	Lab Control Sample Dup	Total/NA	Water	2320B-2011	
680-262289-A-10 DU	Duplicate	Total/NA	Water	2320B-2011	

Analysis Batch: 877561

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262255-13	SCH-GWC-18	Total/NA	Water	2320B-2011	
680-262255-14	SCH-GWC-5	Total/NA	Water	2320B-2011	
680-262255-15	SCH-GWC-19	Total/NA	Water	2320B-2011	
MB 680-877561/4	Method Blank	Total/NA	Water	2320B-2011	
LCS 680-877561/6	Lab Control Sample	Total/NA	Water	2320B-2011	
LCSD 680-877561/31	Lab Control Sample Dup	Total/NA	Water	2320B-2011	
680-262255-15 DU	SCH-GWC-19	Total/NA	Water	2320B-2011	

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-262255-1

Client Sample ID: SCH-GWA-16

Lab Sample ID: 680-262255-1

Date Collected: 02/25/25 09:55

Matrix: Water

Date Received: 02/26/25 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	877805	03/05/25 17:12	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877178	02/27/25 05:17	RR	EET SAV
Total Recoverable	Analysis	6020B		1			878157	02/27/25 20:40	BCB	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	878032	03/06/25 12:57	MG	EET SAV
Total/NA	Analysis	7470A		1			878134	03/07/25 08:01	BCB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877284	02/27/25 03:59	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877297	02/27/25 20:38	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-GWC-4

Lab Sample ID: 680-262255-2

Date Collected: 02/25/25 10:47

Matrix: Water

Date Received: 02/26/25 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		5	5 mL	5 mL	877805	03/05/25 17:22	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877179	02/27/25 05:17	RR	EET SAV
Total Recoverable	Analysis	6020B		1			878157	02/27/25 21:42	BCB	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	878032	03/06/25 12:57	MG	EET SAV
Total/NA	Analysis	7470A		1			878134	03/07/25 08:05	BCB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877284	02/27/25 03:50	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	50 mL	200 mL	877333	02/28/25 09:06	AS	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-GWC-3

Lab Sample ID: 680-262255-3

Date Collected: 02/25/25 10:45

Matrix: Water

Date Received: 02/26/25 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	877805	03/05/25 17:32	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877177	02/27/25 05:17	RR	EET SAV
Total Recoverable	Analysis	6020B		1			878157	02/27/25 19:34	BCB	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	878032	03/06/25 12:57	MG	EET SAV
Total/NA	Analysis	7470A		1			878134	03/07/25 10:11	BCB	EET SAV
	Instrument ID: QuickTrace3									

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-262255-1

Client Sample ID: SCH-GWC-3

Lab Sample ID: 680-262255-3

Date Collected: 02/25/25 10:45

Matrix: Water

Date Received: 02/26/25 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2320B-2011		1			877284	02/27/25 02:40	PG	EET SAV
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877333	02/28/25 09:06	AS	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-GWC-20

Lab Sample ID: 680-262255-4

Date Collected: 02/25/25 11:59

Matrix: Water

Date Received: 02/26/25 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	877805	03/05/25 17:42	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877182	02/27/25 05:30	RR	EET SAV
Total Recoverable	Analysis	6020B		1			878157	02/27/25 15:19	BCB	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	878032	03/06/25 12:57	MG	EET SAV
Total/NA	Analysis	7470A		1			878134	03/07/25 08:03	BCB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877284	02/27/25 04:09	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877333	02/28/25 09:06	AS	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-GWC-2

Lab Sample ID: 680-262255-5

Date Collected: 02/25/25 11:55

Matrix: Water

Date Received: 02/26/25 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	877805	03/05/25 17:52	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877177	02/27/25 05:17	RR	EET SAV
Total Recoverable	Analysis	6020B		1			878157	02/27/25 19:31	BCB	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	878053	03/06/25 15:04	MG	EET SAV
Total/NA	Analysis	7470A		1			878134	03/07/25 09:42	BCB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877284	02/27/25 02:32	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877333	02/28/25 09:06	AS	EET SAV
	Instrument ID: NOEQUIP									

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-262255-1

Client Sample ID: SCH-GWA-15

Lab Sample ID: 680-262255-6

Date Collected: 02/25/25 13:03

Matrix: Water

Date Received: 02/26/25 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	877805	03/05/25 18:01	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877177	02/27/25 05:17	RR	EET SAV
Total Recoverable	Analysis	6020B		1			878157	02/27/25 19:16	BCB	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	878053	03/06/25 15:04	MG	EET SAV
Total/NA	Analysis	7470A		1			878134	03/07/25 09:40	BCB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877284	02/27/25 02:09	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877333	02/28/25 09:06	AS	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-GWC-1

Lab Sample ID: 680-262255-7

Date Collected: 02/25/25 13:17

Matrix: Water

Date Received: 02/26/25 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	877916	03/05/25 18:50	AF	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877182	02/27/25 05:30	RR	EET SAV
Total Recoverable	Analysis	6020B		1			878157	02/27/25 15:21	BCB	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	878053	03/06/25 15:04	MG	EET SAV
Total/NA	Analysis	7470A		1			878134	03/07/25 09:21	BCB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877284	02/27/25 04:35	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877333	02/28/25 09:06	AS	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-GWC-14

Lab Sample ID: 680-262255-8

Date Collected: 02/25/25 14:42

Matrix: Water

Date Received: 02/26/25 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	877916	03/05/25 19:19	AF	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877179	02/27/25 05:17	RR	EET SAV
Total Recoverable	Analysis	6020B		1			878157	02/27/25 21:45	BCB	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	878053	03/06/25 15:04	MG	EET SAV
Total/NA	Analysis	7470A		1			878134	03/07/25 09:38	BCB	EET SAV
	Instrument ID: QuickTrace3									

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-262255-1

Client Sample ID: SCH-GWC-14

Lab Sample ID: 680-262255-8

Date Collected: 02/25/25 14:42

Matrix: Water

Date Received: 02/26/25 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2320B-2011		1			877284	02/27/25 04:43	PG	EET SAV
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877333	02/28/25 09:06	AS	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-CELL1-EB-5

Lab Sample ID: 680-262255-9

Date Collected: 02/25/25 10:20

Matrix: Water

Date Received: 02/26/25 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	877916	03/05/25 19:29	AF	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877177	02/27/25 05:17	RR	EET SAV
Total Recoverable	Analysis	6020B		1			878157	02/27/25 19:13	BCB	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	878053	03/06/25 15:04	MG	EET SAV
Total/NA	Analysis	7470A		1			878134	03/07/25 09:33	BCB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877284	02/27/25 04:26	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877333	02/28/25 09:06	AS	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-CELL1-FB-5

Lab Sample ID: 680-262255-10

Date Collected: 02/25/25 10:00

Matrix: Water

Date Received: 02/26/25 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	877916	03/05/25 19:39	AF	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877177	02/27/25 05:17	RR	EET SAV
Total Recoverable	Analysis	6020B		1			878157	02/27/25 19:29	BCB	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	878053	03/06/25 15:04	MG	EET SAV
Total/NA	Analysis	7470A		1			878134	03/07/25 09:14	BCB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877284	02/27/25 04:20	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877333	02/28/25 09:06	AS	EET SAV
	Instrument ID: NOEQUIP									

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-262255-1

Client Sample ID: SCH-CELL1-EB-6

Lab Sample ID: 680-262255-11

Date Collected: 02/25/25 14:00
Matrix: Water
Date Received: 02/26/25 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	877916	03/05/25 19:49	AF	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877177	02/27/25 05:17	RR	EET SAV
Total Recoverable	Analysis	6020B		1			878157	02/27/25 19:26	BCB	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	878053	03/06/25 15:04	MG	EET SAV
Total/NA	Analysis	7470A		1			878134	03/07/25 09:09	BCB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877284	02/27/25 04:15	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877333	02/28/25 09:06	AS	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-CELL1-FB-6

Lab Sample ID: 680-262255-12

Date Collected: 02/25/25 14:56
Matrix: Water
Date Received: 02/26/25 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	877916	03/05/25 19:58	AF	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877182	02/27/25 05:30	RR	EET SAV
Total Recoverable	Analysis	6020B		1			878157	02/27/25 15:16	BCB	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	878053	03/06/25 15:04	MG	EET SAV
Total/NA	Analysis	7470A		1			878134	03/07/25 09:12	BCB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877372	02/28/25 02:54	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877333	02/28/25 09:06	AS	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-GWC-18

Lab Sample ID: 680-262255-13

Date Collected: 02/25/25 14:40
Matrix: Water
Date Received: 02/26/25 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	877916	03/05/25 20:08	AF	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877177	02/27/25 05:17	RR	EET SAV
Total Recoverable	Analysis	6020B		1			878157	02/27/25 19:18	BCB	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	878053	03/06/25 15:04	MG	EET SAV
Total/NA	Analysis	7470A		1			878134	03/07/25 09:35	BCB	EET SAV
	Instrument ID: QuickTrace3									

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-262255-1

Client Sample ID: SCH-GWC-18

Lab Sample ID: 680-262255-13

Date Collected: 02/25/25 14:40

Matrix: Water

Date Received: 02/26/25 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2320B-2011		1			877561	02/28/25 15:36	PG	EET SAV
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877333	02/28/25 09:06	AS	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-GWC-5

Lab Sample ID: 680-262255-14

Date Collected: 02/25/25 15:38

Matrix: Water

Date Received: 02/26/25 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		5	5 mL	5 mL	877916	03/05/25 20:18	AF	EET SAV
	Instrument ID: CICP									
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	878279	03/10/25 13:03	AF	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877182	02/27/25 05:30	RR	EET SAV
Total Recoverable	Analysis	6020B		1			878157	02/27/25 15:24	BCB	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	878053	03/06/25 15:04	MG	EET SAV
Total/NA	Analysis	7470A		1			878134	03/07/25 09:23	BCB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877561	02/28/25 15:28	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	50 mL	200 mL	877333	02/28/25 09:06	AS	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-GWC-19

Lab Sample ID: 680-262255-15

Date Collected: 02/25/25 15:38

Matrix: Water

Date Received: 02/26/25 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	877916	03/05/25 20:28	AF	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877179	02/27/25 05:17	RR	EET SAV
Total Recoverable	Analysis	6020B		1			878157	02/27/25 21:48	BCB	EET SAV
	Instrument ID: ICPMSD									
Total/NA	Prep	7470A			50 mL	50 mL	878053	03/06/25 15:04	MG	EET SAV
Total/NA	Analysis	7470A		1			878134	03/07/25 09:07	BCB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877561	02/28/25 15:10	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877333	02/28/25 09:06	AS	EET SAV
	Instrument ID: NOEQUIP									

Laboratory References:

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Accreditation/Certification Summary

Client: Southern Company
Job ID: 680-262255-1
Project/Site: CCR - Plant Scherer Cell 1

Laboratory: Eurofins Savannah

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87052	06-30-25
Georgia	State	E87052	06-30-25

Method Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-262255-1

Method	Method Description	Protocol	Laboratory
300.0-1993 R2.1	Anions, Ion Chromatography	MCAWW	EET SAV
6020B	Metals (ICP/MS)	SW846	EET SAV
7470A	Mercury (CVAA)	SW846	EET SAV
2320B-2011	Alkalinity, Total	SM	EET SAV
2540C-2011	Total Dissolved Solids (Dried at 180 °C)	SM	EET SAV
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET SAV
7470A	Preparation, Mercury	SW846	EET SAV

Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Phone (912) 354-7858 Phone (912) 352-0165

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler(s): Mark Mann	Lab PM / Phone: David Fuller / 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: Joju Abraham	Site-Project Manager / Phone: Dawn Prell / 248-536-5445	E-Mail: David.Fuller@et.eurofinsus.com	State of Origin: GA	Page: Page 1 of 2
Company: Southern Company				Job #:
Address: 241 Ralph McGill Blvd SE B10185	Due Date Requested:			
City: Atlanta	TAT Requested (days): 2 weeks			
State, Zip: GA, 30308	Compliance Project: Δ Yes Δ No			
Phone:	Lab Project #: (DO NOT REMOVE) 68027798			
Email: JAbraham@southernco.com	Lab PO #: GPC82130-0006 / PO Line #3			
Project Name: CCR - Plant Scherer Cell 1	Project #:			
Site:				

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA
M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)
Other:

Task_Code: SCH-CCR-ASSMT-2025S1

Special Instructions/Notes:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C - Solids, Total Dissolved (TDS)	6020B - App III, State (15) Metals + Cations (Mg, K, Na)	7470A - Mercury	2320B - Alkalinity, Total, Carb/Bicarb	Total Number of containers
			Preservation Code:				N	N	D	D	N	
SCH-GWA-16	2/25/25	09:55	G	WG	N	N	X	X	X	X	X	4
SCH-GWC-4	2/25/25	10:47	G	WG	N	N	X	X	X	X	X	4
SCH-GWC-3	2/25/25	10:45	G	WG	N	N	X	X	X	X	X	4
SCH-GWC-20	2/25/25	11:59	G	WG	N	N	X	X	X	X	X	4
SCH-GWC-2	2/25/25	11:55	G	WG	N	N	X	X	X	X	X	4
SCH-GWA-15	2/25/25	13:03	G	WG	N	N	X	X	X	X	X	4
SCH-GWC-1	2/25/25	13:17	G	WG	N	N	X	X	X	X	X	4
SCH-GWC-14	2/25/25	14:42	G	WG	N	N	X	X	X	X	X	4
SCH-CELL1-EB-5	2/25/25	10:20	G	WQ	N	N	X	X	X	X	X	4
SCH-CELL1-FB-5	2/25/25	10:00	G	WQ	N	N	X	X	X	X	X	4
SCH-CELL1-EB-6	2/25/25	14:00	G	WQ	N	N	X	X	X	X	X	4

680-262255 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
MARK MANN	2/26/25 840	WSP	Miranda Lucear	2/26/25 840	COURIER NOW
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 2/26/25 1200	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 2.1/2.1 3.4/3.4 3.3/3.3 1.9/1.9 4.0/4.0

Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Phone (912) 354-7858 Phone (912) 352-0165

Chain of Custody Record

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Client Information	Sampler(s): Mark Mann	Lab PM / Phone: David Fuller / 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: Joju Abraham	Site-Project Manager / Phone: Dawn Prell / 248-536-5445	E-Mail: David.Fuller@et.eurofinsus.com	State of Origin: GA	Page: Page 2 of 2
Company: Southern Company				Job #:
Address: 241 Ralph McGill Blvd SE B10185	Due Date Requested:			
City: Atlanta	TAT Requested (days): 2 weeks			
State, Zip: GA, 30308	Compliance Project: Δ Yes Δ No			
Phone:	Lab Project #: (DO NOT REMOVE) 68027798			
Email: JAbraham@southernco.com	Lab PO #: GPC82130-0006 / PO Line #3			
Project Name: CCR - Plant Scherer Cell 1	Project #:			
Site:				

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA
M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)
Other:

Task_Code: SCH-CCR-ASSMT-2025S1

Special Instructions/Notes:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C - Solids, Total Dissolved (TDS)	6020B - App III, State (15) Metals + Cations (Mg, K, Na)	7470A - Mercury	2320B - Alkalinity, Total, Carb/Bicarb	Total Number of containers
			Preservation Code:				N	N	D	D	N	
SCH-CELL1-FB-6	2/25/25	14:56	G	WQ	N	N	X	X	X	X	X	4
SCH-GWC-18	2/25/25	14:40	G	WG	N	N	X	X	X	X	X	4
SCH-GWC-5	2/25/25	15:38	G	WG	N	N	X	X	X	X	X	4
SCH-GWC-19	2/25/25	15:38	G	WG	N	N	X	X	X	X	X	4

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
MARK MANN / Mark Mann	2/26/25 840	WSP	Miranda Lucear	2/26/25 840	COURIERNOW
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 2/26/25 1200	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 2.1/2.1 3.4/3.4 3.3/3.3 1.9/1.9 4.0/4.0

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-262255-1

Login Number: 262255
List Number: 1
Creator: Johnson, Corey M

List Source: Eurofins Savannah

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

ANALYTICAL REPORT

PREPARED FOR

Attn: Joju Abraham
Southern Company
241 Ralph McGill Blvd SE
B10185
Atlanta, Georgia 30308

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JOB DESCRIPTION

CCR - Plant Scherer Cell 1

JOB NUMBER

680-262185-1

Eurofins Savannah
5102 LaRoche Avenue
Savannah GA 31404

See page two for job notes and contact information.

my EOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization



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Authorized for release by
David Fuller, Project Manager
David.Fuller@et.eurofinsus.com
(770)344-8986

Definitions/Glossary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-262185-1

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Sample Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-262185-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-262185-1	SCH-GWC-6	Water	02/24/25 15:41	02/25/25 11:30
680-262185-2	SCH-GWC-7	Water	02/24/25 11:31	02/25/25 11:30
680-262185-3	SCH-GWC-8A	Water	02/24/25 12:50	02/25/25 11:30
680-262185-4	SCH-GWC-9	Water	02/24/25 13:40	02/25/25 11:30
680-262185-5	SCH-GWC-10	Water	02/24/25 12:01	02/25/25 11:30
680-262185-6	SCH-GWC-11	Water	02/24/25 13:50	02/25/25 11:30
680-262185-7	SCH-GWC-12	Water	02/24/25 14:36	02/25/25 11:30
680-262185-8	SCH-GWC-13	Water	02/24/25 15:23	02/25/25 11:30
680-262185-9	SCH-CELL1-FD-5	Water	02/24/25 00:00	02/25/25 11:30
680-262185-10	SCH-CELL1-FD-6	Water	02/24/25 00:00	02/25/25 11:30

Job ID: 680-262185-1 — Eurofins Savannah

Job Narrative
680-262185-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Receipt
The samples were received on 2/25/2025 11:30 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 3 coolers at receipt time were 1.1°C, 1.5°C and 2.0°C.

HPLC/IC
Method 300_ORGFM_28D: Spike compounds were inadvertently omitted during the extraction process for the matrix spike/matrix spike duplicate (MS/MSD); therefore, matrix spike recoveries are unavailable for analytical batch 680-877525. The associated laboratory control sample (LCS) met acceptance criteria.

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 680-877640 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
Method 2540C: A lesser volume of sample was used for the following samples due to the nature of the sample matrix resulting in elevated reporting limits: SCH-GWC-8A (680-262185-3), SCH-GWC-9 (680-262185-4) and SCH-CELL1-FD-6 (680-262185-10).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-262185-1

Client Sample ID: SCH-GWC-6

Lab Sample ID: 680-262185-1

Date Collected: 02/24/25 15:41

Matrix: Water

Date Received: 02/25/25 11:30

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**30**		1.0	0.40	mg/L			03/03/25 14:21	1
Fluoride	<0.040		0.10	0.040	mg/L			03/03/25 14:21	1
Chloride	**6.1**		1.0	0.20	mg/L			03/03/25 14:21	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/26/25 05:09	02/26/25 20:44	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/26/25 05:09	02/26/25 20:44	1
Barium	**0.070**		0.010	0.00089	mg/L		02/26/25 05:09	02/26/25 20:44	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/26/25 05:09	02/26/25 20:44	1
Boron	<0.022		0.080	0.022	mg/L		02/26/25 05:09	02/26/25 20:44	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/26/25 05:09	02/26/25 20:44	1
Calcium	**23**		0.50	0.14	mg/L		02/26/25 05:09	02/26/25 20:44	1
Chromium	**0.0054**		0.0020	0.0012	mg/L		02/26/25 05:09	02/26/25 20:44	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/26/25 05:09	02/26/25 20:44	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/26/25 05:09	02/26/25 20:44	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/26/25 05:09	02/26/25 20:44	1
Magnesium	**12**		0.50	0.023	mg/L		02/26/25 05:09	02/26/25 20:44	1
Nickel	**0.00064**	**J**	0.0010	0.00042	mg/L		02/26/25 05:09	02/26/25 20:44	1
Potassium	**1.8**		0.50	0.044	mg/L		02/26/25 05:09	02/26/25 20:44	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/26/25 05:09	02/26/25 20:44	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/26/25 05:09	02/26/25 20:44	1
Sodium	**13**		0.50	0.20	mg/L		02/26/25 05:09	02/26/25 20:44	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/26/25 05:09	02/26/25 20:44	1
Vanadium	**0.011**		0.0020	0.00063	mg/L		02/26/25 05:09	02/26/25 20:44	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/26/25 05:09	02/26/25 20:44	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/06/25 12:57	03/07/25 09:52	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**71**		5.0	2.2	mg/L			02/26/25 22:08	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**71**		5.0	2.2	mg/L			02/26/25 22:08	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/26/25 22:08	1
Total Dissolved Solids (SM 2540C-2011)	**160**		10	10	mg/L			02/27/25 17:29	1

Client Sample ID: SCH-GWC-7

Lab Sample ID: 680-262185-2

Date Collected: 02/24/25 11:31

Matrix: Water

Date Received: 02/25/25 11:30

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**3.5**	**F1**	1.0	0.40	mg/L			03/03/25 14:51	1
Fluoride	<0.040	F1	0.10	0.040	mg/L			03/03/25 14:51	1
Chloride	**6.5**	**F1**	1.0	0.20	mg/L			03/03/25 14:51	1

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-262185-1

Client Sample ID: SCH-GWC-7

Lab Sample ID: 680-262185-2

Date Collected: 02/24/25 11:31

Matrix: Water

Date Received: 02/25/25 11:30

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/26/25 05:09	02/26/25 20:56	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/26/25 05:09	02/26/25 20:56	1
Barium	**0.043**		0.010	0.00089	mg/L		02/26/25 05:09	02/26/25 20:56	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/26/25 05:09	02/26/25 20:56	1
Boron	<0.022		0.080	0.022	mg/L		02/26/25 05:09	02/26/25 20:56	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/26/25 05:09	02/26/25 20:56	1
Calcium	**19**		0.50	0.14	mg/L		02/26/25 05:09	02/26/25 20:56	1
Chromium	**0.024**		0.0020	0.0012	mg/L		02/26/25 05:09	02/26/25 20:56	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/26/25 05:09	02/26/25 20:56	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/26/25 05:09	02/26/25 20:56	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/26/25 05:09	02/26/25 20:56	1
Magnesium	**8.2**		0.50	0.023	mg/L		02/26/25 05:09	02/26/25 20:56	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/26/25 05:09	02/26/25 20:56	1
Potassium	**1.1**		0.50	0.044	mg/L		02/26/25 05:09	02/26/25 20:56	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/26/25 05:09	02/26/25 20:56	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/26/25 05:09	02/26/25 20:56	1
Sodium	**10**		0.50	0.20	mg/L		02/26/25 05:09	02/26/25 20:56	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/26/25 05:09	02/26/25 20:56	1
Vanadium	**0.013**		0.0020	0.00063	mg/L		02/26/25 05:09	02/26/25 20:56	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/26/25 05:09	02/26/25 20:56	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/06/25 12:57	03/07/25 10:08	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**77**		5.0	2.2	mg/L			02/26/25 22:18	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**77**		5.0	2.2	mg/L			02/26/25 22:18	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/26/25 22:18	1
Total Dissolved Solids (SM 2540C-2011)	**150**		10	10	mg/L			02/27/25 20:01	1

Client Sample ID: SCH-GWC-8A

Lab Sample ID: 680-262185-3

Date Collected: 02/24/25 12:50

Matrix: Water

Date Received: 02/25/25 11:30

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**21**		1.0	0.40	mg/L			03/03/25 15:20	1
Fluoride	<0.040		0.10	0.040	mg/L			03/03/25 15:20	1
Chloride	**6.8**		1.0	0.20	mg/L			03/03/25 15:20	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/26/25 05:09	02/26/25 20:46	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/26/25 05:09	02/26/25 20:46	1
Barium	**0.039**		0.010	0.00089	mg/L		02/26/25 05:09	02/26/25 20:46	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/26/25 05:09	02/26/25 20:46	1

Client Sample ID: SCH-GWC-8A

Lab Sample ID: 680-262185-3

Date Collected: 02/24/25 12:50

Matrix: Water

Date Received: 02/25/25 11:30

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**0.17**		0.080	0.022	mg/L		02/26/25 05:09	02/26/25 20:46	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/26/25 05:09	02/26/25 20:46	1
Calcium	**42**		0.50	0.14	mg/L		02/26/25 05:09	02/26/25 20:46	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/26/25 05:09	02/26/25 20:46	1
Cobalt	**0.0018**	**J**	0.0025	0.00022	mg/L		02/26/25 05:09	02/26/25 20:46	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/26/25 05:09	02/26/25 20:46	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/26/25 05:09	02/26/25 20:46	1
Magnesium	**20**		0.50	0.023	mg/L		02/26/25 05:09	02/26/25 20:46	1
Nickel	**0.0046**		0.0010	0.00042	mg/L		02/26/25 05:09	02/26/25 20:46	1
Potassium	**1.8**		0.50	0.044	mg/L		02/26/25 05:09	02/26/25 20:46	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/26/25 05:09	02/26/25 20:46	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/26/25 05:09	02/26/25 20:46	1
Sodium	**13**		0.50	0.20	mg/L		02/26/25 05:09	02/26/25 20:46	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/26/25 05:09	02/26/25 20:46	1
Vanadium	**0.0020**		0.0020	0.00063	mg/L		02/26/25 05:09	02/26/25 20:46	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/26/25 05:09	02/26/25 20:46	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/06/25 12:57	03/07/25 09:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**180**		5.0	2.2	mg/L			02/26/25 21:49	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**180**		5.0	2.2	mg/L			02/26/25 21:49	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/26/25 21:49	1
Total Dissolved Solids (SM 2540C-2011)	**260**		40	40	mg/L			02/27/25 20:01	1

Client Sample ID: SCH-GWC-9

Lab Sample ID: 680-262185-4

Date Collected: 02/24/25 13:40

Matrix: Water

Date Received: 02/25/25 11:30

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**19**		1.0	0.40	mg/L			03/04/25 10:01	1
Fluoride	<0.040		0.10	0.040	mg/L			03/04/25 10:01	1
Chloride	**6.3**		1.0	0.20	mg/L			03/04/25 10:01	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/26/25 05:09	02/26/25 20:50	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/26/25 05:09	02/26/25 20:50	1
Barium	**0.029**		0.010	0.00089	mg/L		02/26/25 05:09	02/26/25 20:50	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/26/25 05:09	02/26/25 20:50	1
Boron	**0.056**	**J**	0.080	0.022	mg/L		02/26/25 05:09	02/26/25 20:50	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/26/25 05:09	02/26/25 20:50	1
Calcium	**34**		0.50	0.14	mg/L		02/26/25 05:09	02/26/25 20:50	1
Chromium	**0.0029**		0.0020	0.0012	mg/L		02/26/25 05:09	02/26/25 20:50	1

Client Sample ID: SCH-GWC-9

Lab Sample ID: 680-262185-4

Date Collected: 02/24/25 13:40

Matrix: Water

Date Received: 02/25/25 11:30

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/26/25 05:09	02/26/25 20:50	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/26/25 05:09	02/26/25 20:50	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/26/25 05:09	02/26/25 20:50	1
Magnesium	**8.6**		0.50	0.023	mg/L		02/26/25 05:09	02/26/25 20:50	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/26/25 05:09	02/26/25 20:50	1
Potassium	**0.84**		0.50	0.044	mg/L		02/26/25 05:09	02/26/25 20:50	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/26/25 05:09	02/26/25 20:50	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/26/25 05:09	02/26/25 20:50	1
Sodium	**11**		0.50	0.20	mg/L		02/26/25 05:09	02/26/25 20:50	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/26/25 05:09	02/26/25 20:50	1
Vanadium	**0.010**		0.0020	0.00063	mg/L		02/26/25 05:09	02/26/25 20:50	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/26/25 05:09	02/26/25 20:50	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/06/25 12:57	03/07/25 10:03	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**120**		5.0	2.2	mg/L			02/26/25 21:59	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**120**		5.0	2.2	mg/L			02/26/25 21:59	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/26/25 21:59	1
Total Dissolved Solids (SM 2540C-2011)	**180**		40	40	mg/L			02/27/25 20:01	1

Client Sample ID: SCH-GWC-10

Lab Sample ID: 680-262185-5

Date Collected: 02/24/25 12:01

Matrix: Water

Date Received: 02/25/25 11:30

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**4.3**		1.0	0.40	mg/L			03/03/25 15:40	1
Fluoride	<0.040		0.10	0.040	mg/L			03/03/25 15:40	1
Chloride	**4.6**		1.0	0.20	mg/L			03/03/25 15:40	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/26/25 05:09	02/26/25 20:42	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/26/25 05:09	02/26/25 20:42	1
Barium	**0.035**		0.010	0.00089	mg/L		02/26/25 05:09	02/26/25 20:42	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/26/25 05:09	02/26/25 20:42	1
Boron	<0.022		0.080	0.022	mg/L		02/26/25 05:09	02/26/25 20:42	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/26/25 05:09	02/26/25 20:42	1
Calcium	**20**		0.50	0.14	mg/L		02/26/25 05:09	02/26/25 20:42	1
Chromium	**0.017**		0.0020	0.0012	mg/L		02/26/25 05:09	02/26/25 20:42	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/26/25 05:09	02/26/25 20:42	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/26/25 05:09	02/26/25 20:42	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/26/25 05:09	02/26/25 20:42	1
Magnesium	**11**		0.50	0.023	mg/L		02/26/25 05:09	02/26/25 20:42	1

Client Sample ID: SCH-GWC-10

Lab Sample ID: 680-262185-5

Date Collected: 02/24/25 12:01

Matrix: Water

Date Received: 02/25/25 11:30

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	**0.0011**		0.0010	0.00042	mg/L		02/26/25 05:09	02/26/25 20:42	1
Potassium	**0.88**		0.50	0.044	mg/L		02/26/25 05:09	02/26/25 20:42	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/26/25 05:09	02/26/25 20:42	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/26/25 05:09	02/26/25 20:42	1
Sodium	**8.7**		0.50	0.20	mg/L		02/26/25 05:09	02/26/25 20:42	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/26/25 05:09	02/26/25 20:42	1
Vanadium	**0.013**		0.0020	0.00063	mg/L		02/26/25 05:09	02/26/25 20:42	1
Zinc	**0.0097**		0.0050	0.0028	mg/L		02/26/25 05:09	02/26/25 20:42	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/06/25 12:57	03/07/25 10:06	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**98**		5.0	2.2	mg/L			02/26/25 23:01	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**98**		5.0	2.2	mg/L			02/26/25 23:01	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/26/25 23:01	1
Total Dissolved Solids (SM 2540C-2011)	**150**		10	10	mg/L			02/27/25 20:01	1

Client Sample ID: SCH-GWC-11

Lab Sample ID: 680-262185-6

Date Collected: 02/24/25 13:50

Matrix: Water

Date Received: 02/25/25 11:30

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.40		1.0	0.40	mg/L			03/03/25 15:49	1
Fluoride	<0.040		0.10	0.040	mg/L			03/03/25 15:49	1
Chloride	**1.8**		1.0	0.20	mg/L			03/03/25 15:49	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/26/25 05:09	02/26/25 20:40	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/26/25 05:09	02/26/25 20:40	1
Barium	**0.020**		0.010	0.00089	mg/L		02/26/25 05:09	02/26/25 20:40	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/26/25 05:09	02/26/25 20:40	1
Boron	<0.022		0.080	0.022	mg/L		02/26/25 05:09	02/26/25 20:40	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/26/25 05:09	02/26/25 20:40	1
Calcium	**14**		0.50	0.14	mg/L		02/26/25 05:09	02/26/25 20:40	1
Chromium	**0.0079**		0.0020	0.0012	mg/L		02/26/25 05:09	02/26/25 20:40	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/26/25 05:09	02/26/25 20:40	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/26/25 05:09	02/26/25 20:40	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/26/25 05:09	02/26/25 20:40	1
Magnesium	**6.5**		0.50	0.023	mg/L		02/26/25 05:09	02/26/25 20:40	1
Nickel	**0.00053**	**J**	0.0010	0.00042	mg/L		02/26/25 05:09	02/26/25 20:40	1
Potassium	**0.69**		0.50	0.044	mg/L		02/26/25 05:09	02/26/25 20:40	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/26/25 05:09	02/26/25 20:40	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/26/25 05:09	02/26/25 20:40	1

Client Sample ID: SCH-GWC-11

Lab Sample ID: 680-262185-6

Date Collected: 02/24/25 13:50

Matrix: Water

Date Received: 02/25/25 11:30

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	**4.7**		0.50	0.20	mg/L		02/26/25 05:09	02/26/25 20:40	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/26/25 05:09	02/26/25 20:40	1
Vanadium	**0.011**		0.0020	0.00063	mg/L		02/26/25 05:09	02/26/25 20:40	1
Zinc	**0.0031**	**J**	0.0050	0.0028	mg/L		02/26/25 05:09	02/26/25 20:40	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/04/25 13:13	03/04/25 18:44	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**67**		5.0	2.2	mg/L			02/27/25 01:09	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**67**		5.0	2.2	mg/L			02/27/25 01:09	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/27/25 01:09	1
Total Dissolved Solids (SM 2540C-2011)	**110**		10	10	mg/L			02/27/25 20:01	1

Client Sample ID: SCH-GWC-12

Lab Sample ID: 680-262185-7

Date Collected: 02/24/25 14:36

Matrix: Water

Date Received: 02/25/25 11:30

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.40		1.0	0.40	mg/L			03/03/25 15:59	1
Fluoride	<0.040		0.10	0.040	mg/L			03/03/25 15:59	1
Chloride	**2.1**		1.0	0.20	mg/L			03/03/25 15:59	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/26/25 05:09	02/26/25 20:34	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/26/25 05:09	02/26/25 20:34	1
Barium	**0.020**		0.010	0.00089	mg/L		02/26/25 05:09	02/26/25 20:34	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/26/25 05:09	02/26/25 20:34	1
Boron	<0.022		0.080	0.022	mg/L		02/26/25 05:09	02/26/25 20:34	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/26/25 05:09	02/26/25 20:34	1
Calcium	**1.7**		0.50	0.14	mg/L		02/26/25 05:09	02/26/25 20:34	1
Chromium	**0.0012**	**J**	0.0020	0.0012	mg/L		02/26/25 05:09	02/26/25 20:34	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/26/25 05:09	02/26/25 20:34	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/26/25 05:09	02/26/25 20:34	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/26/25 05:09	02/26/25 20:34	1
Magnesium	**1.0**		0.50	0.023	mg/L		02/26/25 05:09	02/26/25 20:34	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/26/25 05:09	02/26/25 20:34	1
Potassium	**0.26**	**J**	0.50	0.044	mg/L		02/26/25 05:09	02/26/25 20:34	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/26/25 05:09	02/26/25 20:34	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/26/25 05:09	02/26/25 20:34	1
Sodium	**3.0**		0.50	0.20	mg/L		02/26/25 05:09	02/26/25 20:34	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/26/25 05:09	02/26/25 20:34	1
Vanadium	**0.00072**	**J**	0.0020	0.00063	mg/L		02/26/25 05:09	02/26/25 20:34	1
Zinc	**0.0029**	**J**	0.0050	0.0028	mg/L		02/26/25 05:09	02/26/25 20:34	1

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-262185-1

Client Sample ID: SCH-GWC-12

Lab Sample ID: 680-262185-7

Date Collected: 02/24/25 14:36

Matrix: Water

Date Received: 02/25/25 11:30

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/04/25 13:13	03/04/25 18:49	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**10**		5.0	2.2	mg/L			02/26/25 22:52	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**10**		5.0	2.2	mg/L			02/26/25 22:52	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/26/25 22:52	1
Total Dissolved Solids (SM 2540C-2011)	**31**		10	10	mg/L			02/27/25 20:01	1

Client Sample ID: SCH-GWC-13

Lab Sample ID: 680-262185-8

Date Collected: 02/24/25 15:23

Matrix: Water

Date Received: 02/25/25 11:30

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**0.41**	**J**	1.0	0.40	mg/L			03/03/25 16:09	1
Fluoride	<0.040		0.10	0.040	mg/L			03/03/25 16:09	1
Chloride	**1.5**		1.0	0.20	mg/L			03/03/25 16:09	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/26/25 05:09	02/26/25 20:48	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/26/25 05:09	02/26/25 20:48	1
Barium	**0.041**		0.010	0.00089	mg/L		02/26/25 05:09	02/26/25 20:48	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/26/25 05:09	02/26/25 20:48	1
Boron	<0.022		0.080	0.022	mg/L		02/26/25 05:09	02/26/25 20:48	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/26/25 05:09	02/26/25 20:48	1
Calcium	**7.9**		0.50	0.14	mg/L		02/26/25 05:09	02/26/25 20:48	1
Chromium	**0.0053**		0.0020	0.0012	mg/L		02/26/25 05:09	02/26/25 20:48	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/26/25 05:09	02/26/25 20:48	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/26/25 05:09	02/26/25 20:48	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/26/25 05:09	02/26/25 20:48	1
Magnesium	**4.6**		0.50	0.023	mg/L		02/26/25 05:09	02/26/25 20:48	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/26/25 05:09	02/26/25 20:48	1
Potassium	**0.47**	**J**	0.50	0.044	mg/L		02/26/25 05:09	02/26/25 20:48	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/26/25 05:09	02/26/25 20:48	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/26/25 05:09	02/26/25 20:48	1
Sodium	**6.7**		0.50	0.20	mg/L		02/26/25 05:09	02/26/25 20:48	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/26/25 05:09	02/26/25 20:48	1
Vanadium	**0.0022**		0.0020	0.00063	mg/L		02/26/25 05:09	02/26/25 20:48	1
Zinc	**0.0036**	**J**	0.0050	0.0028	mg/L		02/26/25 05:09	02/26/25 20:48	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/06/25 12:57	03/07/25 09:54	1

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-262185-1

Client Sample ID: SCH-GWC-13

Lab Sample ID: 680-262185-8

Date Collected: 02/24/25 15:23

Matrix: Water

Date Received: 02/25/25 11:30

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**49**		5.0	2.2	mg/L			02/26/25 22:44	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**49**		5.0	2.2	mg/L			02/26/25 22:44	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/26/25 22:44	1
Total Dissolved Solids (SM 2540C-2011)	**86**		10	10	mg/L			02/27/25 20:01	1

Client Sample ID: SCH-CELL1-FD-5

Lab Sample ID: 680-262185-9

Date Collected: 02/24/25 00:00

Matrix: Water

Date Received: 02/25/25 11:30

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**4.2**		1.0	0.40	mg/L			03/03/25 16:19	1
Fluoride	<0.040		0.10	0.040	mg/L			03/03/25 16:19	1
Chloride	**4.5**		1.0	0.20	mg/L			03/03/25 16:19	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/26/25 05:09	02/26/25 20:36	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/26/25 05:09	02/26/25 20:36	1
Barium	**0.037**		0.010	0.00089	mg/L		02/26/25 05:09	02/26/25 20:36	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/26/25 05:09	02/26/25 20:36	1
Boron	<0.022		0.080	0.022	mg/L		02/26/25 05:09	02/26/25 20:36	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/26/25 05:09	02/26/25 20:36	1
Calcium	**21**		0.50	0.14	mg/L		02/26/25 05:09	02/26/25 20:36	1
Chromium	**0.019**		0.0020	0.0012	mg/L		02/26/25 05:09	02/26/25 20:36	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/26/25 05:09	02/26/25 20:36	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/26/25 05:09	02/26/25 20:36	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/26/25 05:09	02/26/25 20:36	1
Magnesium	**11**		0.50	0.023	mg/L		02/26/25 05:09	02/26/25 20:36	1
Nickel	**0.0013**		0.0010	0.00042	mg/L		02/26/25 05:09	02/26/25 20:36	1
Potassium	**1.0**		0.50	0.044	mg/L		02/26/25 05:09	02/26/25 20:36	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/26/25 05:09	02/26/25 20:36	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/26/25 05:09	02/26/25 20:36	1
Sodium	**9.3**		0.50	0.20	mg/L		02/26/25 05:09	02/26/25 20:36	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/26/25 05:09	02/26/25 20:36	1
Vanadium	**0.013**		0.0020	0.00063	mg/L		02/26/25 05:09	02/26/25 20:36	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/26/25 05:09	02/26/25 20:36	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/06/25 12:57	03/07/25 09:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**96**		5.0	2.2	mg/L			02/26/25 22:27	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**96**		5.0	2.2	mg/L			02/26/25 22:27	1

Client Sample ID: SCH-CELL1-FD-5

Lab Sample ID: 680-262185-9

Date Collected: 02/24/25 00:00

Matrix: Water

Date Received: 02/25/25 11:30

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/26/25 22:27	1
Total Dissolved Solids (SM 2540C-2011)	**150**		10	10	mg/L			02/27/25 20:01	1

Client Sample ID: SCH-CELL1-FD-6

Lab Sample ID: 680-262185-10

Date Collected: 02/24/25 00:00

Matrix: Water

Date Received: 02/25/25 11:30

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**18**		1.0	0.40	mg/L			03/04/25 18:42	1
Fluoride	<0.040	F1	0.10	0.040	mg/L			03/04/25 18:42	1
Chloride	**5.7**		1.0	0.20	mg/L			03/04/25 18:42	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/26/25 05:09	02/26/25 20:38	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/26/25 05:09	02/26/25 20:38	1
Barium	**0.030**		0.010	0.00089	mg/L		02/26/25 05:09	02/26/25 20:38	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/26/25 05:09	02/26/25 20:38	1
Boron	**0.061**	**J**	0.080	0.022	mg/L		02/26/25 05:09	02/26/25 20:38	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/26/25 05:09	02/26/25 20:38	1
Calcium	**36**		0.50	0.14	mg/L		02/26/25 05:09	02/26/25 20:38	1
Chromium	**0.0034**		0.0020	0.0012	mg/L		02/26/25 05:09	02/26/25 20:38	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/26/25 05:09	02/26/25 20:38	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/26/25 05:09	02/26/25 20:38	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/26/25 05:09	02/26/25 20:38	1
Magnesium	**9.6**		0.50	0.023	mg/L		02/26/25 05:09	02/26/25 20:38	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/26/25 05:09	02/26/25 20:38	1
Potassium	**0.88**		0.50	0.044	mg/L		02/26/25 05:09	02/26/25 20:38	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/26/25 05:09	02/26/25 20:38	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/26/25 05:09	02/26/25 20:38	1
Sodium	**11**		0.50	0.20	mg/L		02/26/25 05:09	02/26/25 20:38	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/26/25 05:09	02/26/25 20:38	1
Vanadium	**0.010**		0.0020	0.00063	mg/L		02/26/25 05:09	02/26/25 20:38	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/26/25 05:09	02/26/25 20:38	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/04/25 13:13	03/04/25 18:46	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5 (SM 2320B-2011)	**120**		5.0	2.2	mg/L			02/26/25 22:36	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**120**		5.0	2.2	mg/L			02/26/25 22:36	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<2.2		5.0	2.2	mg/L			02/26/25 22:36	1
Total Dissolved Solids (SM 2540C-2011)	**180**		40	40	mg/L			02/27/25 20:04	1

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography

Lab Sample ID: MB 680-877525/2
Matrix: Water
Analysis Batch: 877525

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.40		1.0	0.40	mg/L			03/03/25 10:01	1
Fluoride	<0.040		0.10	0.040	mg/L			03/03/25 10:01	1
Chloride	<0.20		1.0	0.20	mg/L			03/03/25 10:01	1

Lab Sample ID: LCS 680-877525/3
Matrix: Water
Analysis Batch: 877525

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	10.0	10.6		mg/L		106	90 - 110
Fluoride	2.00	1.85		mg/L		92	90 - 110
Chloride	10.0	9.94		mg/L		99	90 - 110

Lab Sample ID: LCSD 680-877525/4
Matrix: Water
Analysis Batch: 877525

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	10.0	10.6		mg/L		106	90 - 110	1	15
Fluoride	2.00	1.86		mg/L		93	90 - 110	1	15
Chloride	10.0	10.0		mg/L		100	90 - 110	1	15

Lab Sample ID: 680-262185-2 MS
Matrix: Water
Analysis Batch: 877525

Client Sample ID: SCH-GWC-7
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	3.5	F1	20.0	3.54	F1	mg/L		0.04	80 - 120
Fluoride	<0.040	F1	4.00	<0.040	F1	mg/L		0	80 - 120
Chloride	6.5	F1	20.0	6.52	F1	mg/L		0.3	80 - 120

Lab Sample ID: 680-262185-2 MSD
Matrix: Water
Analysis Batch: 877525

Client Sample ID: SCH-GWC-7
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	3.5	F1	20.0	3.54	F1	mg/L		0.04	80 - 120	0	15
Fluoride	<0.040	F1	4.00	<0.040	F1	mg/L		0	80 - 120	NC	15
Chloride	6.5	F1	20.0	6.58	F1	mg/L		0.6	80 - 120	1	15

Lab Sample ID: MB 680-877639/2
Matrix: Water
Analysis Batch: 877639

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.40		1.0	0.40	mg/L			03/04/25 09:15	1
Fluoride	<0.040		0.10	0.040	mg/L			03/04/25 09:15	1
Chloride	<0.20		1.0	0.20	mg/L			03/04/25 09:15	1

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 680-877639/3
Matrix: Water
Analysis Batch: 877639

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfate			10.0	10.6		mg/L		106	90 - 110		
Fluoride			2.00	1.95		mg/L		98	90 - 110		
Chloride			10.0	10.8		mg/L		108	90 - 110		

Lab Sample ID: LCSD 680-877639/4
Matrix: Water
Analysis Batch: 877639

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate			10.0	10.5		mg/L		105	90 - 110	1	15
Fluoride			2.00	1.96		mg/L		98	90 - 110	0	15
Chloride			10.0	10.6		mg/L		106	90 - 110	1	15

Lab Sample ID: 680-262185-4 MS
Matrix: Water
Analysis Batch: 877639

Client Sample ID: SCH-GWC-9
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfate	19		10.0	30.0		mg/L		109	80 - 120		
Fluoride	<0.040		2.00	1.98		mg/L		99	80 - 120		
Chloride	6.3		10.0	16.8		mg/L		105	80 - 120		

Lab Sample ID: 680-262185-4 MSD
Matrix: Water
Analysis Batch: 877639

Client Sample ID: SCH-GWC-9
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	19		10.0	30.4		mg/L		114	80 - 120	1	15
Fluoride	<0.040		2.00	1.87		mg/L		94	80 - 120	5	15
Chloride	6.3		10.0	17.0		mg/L		107	80 - 120	1	15

Lab Sample ID: MB 680-877640/2
Matrix: Water
Analysis Batch: 877640

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.40		1.0	0.40	mg/L			03/04/25 09:17	1
Fluoride	<0.040		0.10	0.040	mg/L			03/04/25 09:17	1
Chloride	<0.20		1.0	0.20	mg/L			03/04/25 09:17	1

Lab Sample ID: LCS 680-877640/3
Matrix: Water
Analysis Batch: 877640

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfate			10.0	10.6		mg/L		106	90 - 110		
Fluoride			2.00	1.92		mg/L		96	90 - 110		
Chloride			10.0	10.0		mg/L		100	90 - 110		

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 680-877640/4
Matrix: Water
Analysis Batch: 877640

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate			10.0	10.7		mg/L		107	90 - 110	0	15
Fluoride			2.00	1.93		mg/L		97	90 - 110	0	15
Chloride			10.0	10.1		mg/L		101	90 - 110	1	15

Lab Sample ID: 680-262185-10 MS
Matrix: Water
Analysis Batch: 877640

Client Sample ID: SCH-CELL1-FD-6
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfate	18		10.0	28.2		mg/L		101	80 - 120		
Fluoride	<0.040	F1	2.00	1.57	F1	mg/L		79	80 - 120		
Chloride	5.7		10.0	14.4		mg/L		88	80 - 120		

Lab Sample ID: 680-262185-10 MSD
Matrix: Water
Analysis Batch: 877640

Client Sample ID: SCH-CELL1-FD-6
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	18		10.0	29.1		mg/L		110	80 - 120	3	15
Fluoride	<0.040	F1	2.00	1.73		mg/L		87	80 - 120	10	15
Chloride	5.7		10.0	15.3		mg/L		96	80 - 120	6	15

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 680-877017/1-A
Matrix: Water
Analysis Batch: 877192

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 877017

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00034		0.0020	0.00034	mg/L		02/26/25 05:09	02/26/25 20:09	1
Arsenic	<0.00086		0.0010	0.00086	mg/L		02/26/25 05:09	02/26/25 20:09	1
Barium	<0.00089		0.010	0.00089	mg/L		02/26/25 05:09	02/26/25 20:09	1
Beryllium	<0.00020		0.0025	0.00020	mg/L		02/26/25 05:09	02/26/25 20:09	1
Boron	<0.022		0.080	0.022	mg/L		02/26/25 05:09	02/26/25 20:09	1
Cadmium	<0.000078		0.0025	0.000078	mg/L		02/26/25 05:09	02/26/25 20:09	1
Calcium	<0.14		0.50	0.14	mg/L		02/26/25 05:09	02/26/25 20:09	1
Chromium	<0.0012		0.0020	0.0012	mg/L		02/26/25 05:09	02/26/25 20:09	1
Cobalt	<0.00022		0.0025	0.00022	mg/L		02/26/25 05:09	02/26/25 20:09	1
Copper	<0.0011		0.0020	0.0011	mg/L		02/26/25 05:09	02/26/25 20:09	1
Lead	<0.00021		0.0010	0.00021	mg/L		02/26/25 05:09	02/26/25 20:09	1
Magnesium	<0.023		0.50	0.023	mg/L		02/26/25 05:09	02/26/25 20:09	1
Nickel	<0.00042		0.0010	0.00042	mg/L		02/26/25 05:09	02/26/25 20:09	1
Potassium	<0.044		0.50	0.044	mg/L		02/26/25 05:09	02/26/25 20:09	1
Selenium	<0.00099		0.0050	0.00099	mg/L		02/26/25 05:09	02/26/25 20:09	1
Silver	<0.00039		0.0010	0.00039	mg/L		02/26/25 05:09	02/26/25 20:09	1
Sodium	<0.20		0.50	0.20	mg/L		02/26/25 05:09	02/26/25 20:09	1
Thallium	<0.00026		0.0010	0.00026	mg/L		02/26/25 05:09	02/26/25 20:09	1
Vanadium	<0.00063		0.0020	0.00063	mg/L		02/26/25 05:09	02/26/25 20:09	1
Zinc	<0.0028		0.0050	0.0028	mg/L		02/26/25 05:09	02/26/25 20:09	1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 680-877017/2-A
Matrix: Water
Analysis Batch: 877192

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 877017

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.0500	0.0512		mg/L		102	80 - 120
Arsenic	0.100	0.0990		mg/L		99	80 - 120
Barium	0.100	0.101		mg/L		101	80 - 120
Beryllium	0.0500	0.0507		mg/L		101	80 - 120
Boron	0.400	0.371		mg/L		93	80 - 120
Cadmium	0.0500	0.0530		mg/L		106	80 - 120
Calcium	5.00	5.19		mg/L		104	80 - 120
Chromium	0.100	0.105		mg/L		105	80 - 120
Cobalt	0.0500	0.0499		mg/L		100	80 - 120
Copper	0.101	0.0997		mg/L		99	80 - 120
Lead	0.500	0.572		mg/L		114	80 - 120
Magnesium	5.00	4.53		mg/L		91	80 - 120
Nickel	0.100	0.0982		mg/L		98	80 - 120
Potassium	7.00	6.75		mg/L		96	80 - 120
Selenium	0.100	0.110		mg/L		110	80 - 120
Silver	0.0500	0.0596		mg/L		119	80 - 120
Sodium	5.00	4.86		mg/L		97	80 - 120
Thallium	0.0500	0.0456		mg/L		91	80 - 120
Vanadium	0.100	0.101		mg/L		101	80 - 120
Zinc	0.100	0.103		mg/L		103	80 - 120

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 680-877714/1-A
Matrix: Water
Analysis Batch: 877813

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 877714

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/04/25 13:13	03/04/25 18:30	1

Lab Sample ID: LCS 680-877714/2-A
Matrix: Water
Analysis Batch: 877813

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 877714

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00250	0.00251		mg/L		100	80 - 120

Lab Sample ID: 680-262088-C-4-C MS
Matrix: Water
Analysis Batch: 877813

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 877714

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.000080		0.00100	0.00101		mg/L		101	80 - 120

Lab Sample ID: 680-262088-C-4-D MSD
Matrix: Water
Analysis Batch: 877813

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 877714

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.000080		0.00100	0.00100		mg/L		100	80 - 120	1	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 680-878032/1-A
Matrix: Water
Analysis Batch: 878134

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 878032

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000080		0.00020	0.000080	mg/L		03/06/25 12:57	03/06/25 18:19	1

Lab Sample ID: LCS 680-878032/2-A
Matrix: Water
Analysis Batch: 878134

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 878032

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00250	0.00248		mg/L		99	80 - 120

Lab Sample ID: 400-271525-A-1-C MS
Matrix: Water
Analysis Batch: 878134

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 878032

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.000080		0.00100	0.00101		mg/L		101	80 - 120

Lab Sample ID: 400-271525-A-1-D MSD
Matrix: Water
Analysis Batch: 878134

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 878032

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.000080		0.00100	0.00104		mg/L		104	80 - 120	2	20

Method: 2320B-2011 - Alkalinity, Total

Lab Sample ID: MB 680-877283/4
Matrix: Water
Analysis Batch: 877283

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5	<2.2		5.0	2.2	mg/L			02/26/25 19:06	1
Bicarbonate Alkalinity as CaCO3	<2.2		5.0	2.2	mg/L			02/26/25 19:06	1
Carbonate Alkalinity as CaCO3	<2.2		5.0	2.2	mg/L			02/26/25 19:06	1

Lab Sample ID: LCS 680-877283/6
Matrix: Water
Analysis Batch: 877283

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity as CaCO3 to pH 4.5	250	244		mg/L		98	90 - 112

Lab Sample ID: LCSD 680-877283/31
Matrix: Water
Analysis Batch: 877283

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	250	249		mg/L		100	90 - 112	2	30

Method: 2320B-2011 - Alkalinity, Total (Continued)

Lab Sample ID: 680-262184-D-2 DU
Matrix: Water
Analysis Batch: 877283

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	48		45.9		mg/L		5	30
Bicarbonate Alkalinity as CaCO3	48		45.9		mg/L		5	30
Carbonate Alkalinity as CaCO3	<2.2		<2.2		mg/L		NC	30

Lab Sample ID: MB 680-877284/4
Matrix: Water
Analysis Batch: 877284

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 to pH 4.5	<2.2		5.0	2.2	mg/L			02/27/25 00:44	1
Bicarbonate Alkalinity as CaCO3	<2.2		5.0	2.2	mg/L			02/27/25 00:44	1
Carbonate Alkalinity as CaCO3	<2.2		5.0	2.2	mg/L			02/27/25 00:44	1

Lab Sample ID: LCS 680-877284/6
Matrix: Water
Analysis Batch: 877284

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity as CaCO3 to pH 4.5	250	248		mg/L		99	90 - 112

Lab Sample ID: LCSD 680-877284/31
Matrix: Water
Analysis Batch: 877284

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	250	253		mg/L		101	90 - 112	2	30

Lab Sample ID: 680-262185-6 DU
Matrix: Water
Analysis Batch: 877284

Client Sample ID: SCH-GWC-11
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Alkalinity as CaCO3 to pH 4.5	67		67.4		mg/L		0	30
Bicarbonate Alkalinity as CaCO3	67		67.4		mg/L		0	30
Carbonate Alkalinity as CaCO3	<2.2		<2.2		mg/L		NC	30

Method: 2540C-2011 - Total Dissolved Solids (Dried at 180 °C)

Lab Sample ID: MB 680-877293/1
Matrix: Water
Analysis Batch: 877293

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			02/27/25 17:29	1

Method: 2540C-2011 - Total Dissolved Solids (Dried at 180 °C) (Continued)

Lab Sample ID: LCS 680-877293/2
Matrix: Water
Analysis Batch: 877293

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids			2440	2400		mg/L		98	80 - 120		

Lab Sample ID: LCSD 680-877293/3
Matrix: Water
Analysis Batch: 877293

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids			2440	2370		mg/L		97	80 - 120	1	25

Lab Sample ID: 680-262130-C-19 DU
Matrix: Water
Analysis Batch: 877293

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	1100			1120		mg/L				0.9	5

Lab Sample ID: MB 680-877296/1
Matrix: Water
Analysis Batch: 877296

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			02/27/25 20:01	1

Lab Sample ID: LCS 680-877296/2
Matrix: Water
Analysis Batch: 877296

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids			2440	2470		mg/L		101	80 - 120		

Lab Sample ID: LCSD 680-877296/3
Matrix: Water
Analysis Batch: 877296

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids			2440	2420		mg/L		99	80 - 120	2	25

Lab Sample ID: 680-262185-3 DU
Matrix: Water
Analysis Batch: 877296

Client Sample ID: SCH-GWC-8A
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	260			260		mg/L				0	5

HPLC/IC

Analysis Batch: 877525

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262185-1	SCH-GWC-6	Total/NA	Water	300.0-1993 R2.1	
680-262185-2	SCH-GWC-7	Total/NA	Water	300.0-1993 R2.1	
680-262185-3	SCH-GWC-8A	Total/NA	Water	300.0-1993 R2.1	
680-262185-5	SCH-GWC-10	Total/NA	Water	300.0-1993 R2.1	
680-262185-6	SCH-GWC-11	Total/NA	Water	300.0-1993 R2.1	
680-262185-7	SCH-GWC-12	Total/NA	Water	300.0-1993 R2.1	
680-262185-8	SCH-GWC-13	Total/NA	Water	300.0-1993 R2.1	
680-262185-9	SCH-CELL1-FD-5	Total/NA	Water	300.0-1993 R2.1	
MB 680-877525/2	Method Blank	Total/NA	Water	300.0-1993 R2.1	
LCS 680-877525/3	Lab Control Sample	Total/NA	Water	300.0-1993 R2.1	
LCSD 680-877525/4	Lab Control Sample Dup	Total/NA	Water	300.0-1993 R2.1	
680-262185-2 MS	SCH-GWC-7	Total/NA	Water	300.0-1993 R2.1	
680-262185-2 MSD	SCH-GWC-7	Total/NA	Water	300.0-1993 R2.1	

Analysis Batch: 877639

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262185-4	SCH-GWC-9	Total/NA	Water	300.0-1993 R2.1	
MB 680-877639/2	Method Blank	Total/NA	Water	300.0-1993 R2.1	
LCS 680-877639/3	Lab Control Sample	Total/NA	Water	300.0-1993 R2.1	
LCSD 680-877639/4	Lab Control Sample Dup	Total/NA	Water	300.0-1993 R2.1	
680-262185-4 MS	SCH-GWC-9	Total/NA	Water	300.0-1993 R2.1	
680-262185-4 MSD	SCH-GWC-9	Total/NA	Water	300.0-1993 R2.1	

Analysis Batch: 877640

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262185-10	SCH-CELL1-FD-6	Total/NA	Water	300.0-1993 R2.1	
MB 680-877640/2	Method Blank	Total/NA	Water	300.0-1993 R2.1	
LCS 680-877640/3	Lab Control Sample	Total/NA	Water	300.0-1993 R2.1	
LCSD 680-877640/4	Lab Control Sample Dup	Total/NA	Water	300.0-1993 R2.1	
680-262185-10 MS	SCH-CELL1-FD-6	Total/NA	Water	300.0-1993 R2.1	
680-262185-10 MSD	SCH-CELL1-FD-6	Total/NA	Water	300.0-1993 R2.1	

Metals

Prep Batch: 877017

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262185-1	SCH-GWC-6	Total Recoverable	Water	3005A	
680-262185-2	SCH-GWC-7	Total Recoverable	Water	3005A	
680-262185-3	SCH-GWC-8A	Total Recoverable	Water	3005A	
680-262185-4	SCH-GWC-9	Total Recoverable	Water	3005A	
680-262185-5	SCH-GWC-10	Total Recoverable	Water	3005A	
680-262185-6	SCH-GWC-11	Total Recoverable	Water	3005A	
680-262185-7	SCH-GWC-12	Total Recoverable	Water	3005A	
680-262185-8	SCH-GWC-13	Total Recoverable	Water	3005A	
680-262185-9	SCH-CELL1-FD-5	Total Recoverable	Water	3005A	
680-262185-10	SCH-CELL1-FD-6	Total Recoverable	Water	3005A	
MB 680-877017/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-877017/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Metals

Analysis Batch: 877192

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262185-1	SCH-GWC-6	Total Recoverable	Water	6020B	877017
680-262185-2	SCH-GWC-7	Total Recoverable	Water	6020B	877017
680-262185-3	SCH-GWC-8A	Total Recoverable	Water	6020B	877017
680-262185-4	SCH-GWC-9	Total Recoverable	Water	6020B	877017
680-262185-5	SCH-GWC-10	Total Recoverable	Water	6020B	877017
680-262185-6	SCH-GWC-11	Total Recoverable	Water	6020B	877017
680-262185-7	SCH-GWC-12	Total Recoverable	Water	6020B	877017
680-262185-8	SCH-GWC-13	Total Recoverable	Water	6020B	877017
680-262185-9	SCH-CELL1-FD-5	Total Recoverable	Water	6020B	877017
680-262185-10	SCH-CELL1-FD-6	Total Recoverable	Water	6020B	877017
MB 680-877017/1-A	Method Blank	Total Recoverable	Water	6020B	877017
LCS 680-877017/2-A	Lab Control Sample	Total Recoverable	Water	6020B	877017

Prep Batch: 877714

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262185-6	SCH-GWC-11	Total/NA	Water	7470A	
680-262185-7	SCH-GWC-12	Total/NA	Water	7470A	
680-262185-10	SCH-CELL1-FD-6	Total/NA	Water	7470A	
MB 680-877714/1-A	Method Blank	Total/NA	Water	7470A	
LCS 680-877714/2-A	Lab Control Sample	Total/NA	Water	7470A	
680-262088-C-4-C MS	Matrix Spike	Total/NA	Water	7470A	
680-262088-C-4-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Analysis Batch: 877813

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262185-6	SCH-GWC-11	Total/NA	Water	7470A	877714
680-262185-7	SCH-GWC-12	Total/NA	Water	7470A	877714
680-262185-10	SCH-CELL1-FD-6	Total/NA	Water	7470A	877714
MB 680-877714/1-A	Method Blank	Total/NA	Water	7470A	877714
LCS 680-877714/2-A	Lab Control Sample	Total/NA	Water	7470A	877714
680-262088-C-4-C MS	Matrix Spike	Total/NA	Water	7470A	877714
680-262088-C-4-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	877714

Prep Batch: 878032

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262185-1	SCH-GWC-6	Total/NA	Water	7470A	
680-262185-2	SCH-GWC-7	Total/NA	Water	7470A	
680-262185-3	SCH-GWC-8A	Total/NA	Water	7470A	
680-262185-4	SCH-GWC-9	Total/NA	Water	7470A	
680-262185-5	SCH-GWC-10	Total/NA	Water	7470A	
680-262185-8	SCH-GWC-13	Total/NA	Water	7470A	
680-262185-9	SCH-CELL1-FD-5	Total/NA	Water	7470A	
MB 680-878032/1-A	Method Blank	Total/NA	Water	7470A	
LCS 680-878032/2-A	Lab Control Sample	Total/NA	Water	7470A	
400-271525-A-1-C MS	Matrix Spike	Total/NA	Water	7470A	
400-271525-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Analysis Batch: 878134

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262185-1	SCH-GWC-6	Total/NA	Water	7470A	878032
680-262185-2	SCH-GWC-7	Total/NA	Water	7470A	878032

Metals (Continued)

Analysis Batch: 878134 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262185-3	SCH-GWC-8A	Total/NA	Water	7470A	878032
680-262185-4	SCH-GWC-9	Total/NA	Water	7470A	878032
680-262185-5	SCH-GWC-10	Total/NA	Water	7470A	878032
680-262185-8	SCH-GWC-13	Total/NA	Water	7470A	878032
680-262185-9	SCH-CELL1-FD-5	Total/NA	Water	7470A	878032
MB 680-878032/1-A	Method Blank	Total/NA	Water	7470A	878032
LCS 680-878032/2-A	Lab Control Sample	Total/NA	Water	7470A	878032
400-271525-A-1-C MS	Matrix Spike	Total/NA	Water	7470A	878032
400-271525-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	878032

General Chemistry

Analysis Batch: 877283

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262185-1	SCH-GWC-6	Total/NA	Water	2320B-2011	
680-262185-2	SCH-GWC-7	Total/NA	Water	2320B-2011	
680-262185-3	SCH-GWC-8A	Total/NA	Water	2320B-2011	
680-262185-4	SCH-GWC-9	Total/NA	Water	2320B-2011	
680-262185-5	SCH-GWC-10	Total/NA	Water	2320B-2011	
680-262185-7	SCH-GWC-12	Total/NA	Water	2320B-2011	
680-262185-8	SCH-GWC-13	Total/NA	Water	2320B-2011	
680-262185-9	SCH-CELL1-FD-5	Total/NA	Water	2320B-2011	
680-262185-10	SCH-CELL1-FD-6	Total/NA	Water	2320B-2011	
MB 680-877283/4	Method Blank	Total/NA	Water	2320B-2011	
LCS 680-877283/6	Lab Control Sample	Total/NA	Water	2320B-2011	
LCSD 680-877283/31	Lab Control Sample Dup	Total/NA	Water	2320B-2011	
680-262184-D-2 DU	Duplicate	Total/NA	Water	2320B-2011	

Analysis Batch: 877284

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262185-6	SCH-GWC-11	Total/NA	Water	2320B-2011	
MB 680-877284/4	Method Blank	Total/NA	Water	2320B-2011	
LCS 680-877284/6	Lab Control Sample	Total/NA	Water	2320B-2011	
LCSD 680-877284/31	Lab Control Sample Dup	Total/NA	Water	2320B-2011	
680-262185-6 DU	SCH-GWC-11	Total/NA	Water	2320B-2011	

Analysis Batch: 877293

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262185-1	SCH-GWC-6	Total/NA	Water	2540C-2011	
MB 680-877293/1	Method Blank	Total/NA	Water	2540C-2011	
LCS 680-877293/2	Lab Control Sample	Total/NA	Water	2540C-2011	
LCSD 680-877293/3	Lab Control Sample Dup	Total/NA	Water	2540C-2011	
680-262130-C-19 DU	Duplicate	Total/NA	Water	2540C-2011	

Analysis Batch: 877296

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262185-2	SCH-GWC-7	Total/NA	Water	2540C-2011	
680-262185-3	SCH-GWC-8A	Total/NA	Water	2540C-2011	
680-262185-4	SCH-GWC-9	Total/NA	Water	2540C-2011	
680-262185-5	SCH-GWC-10	Total/NA	Water	2540C-2011	
680-262185-6	SCH-GWC-11	Total/NA	Water	2540C-2011	

General Chemistry (Continued)

Analysis Batch: 877296 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-262185-7	SCH-GWC-12	Total/NA	Water	2540C-2011	
680-262185-8	SCH-GWC-13	Total/NA	Water	2540C-2011	
680-262185-9	SCH-CELL1-FD-5	Total/NA	Water	2540C-2011	
680-262185-10	SCH-CELL1-FD-6	Total/NA	Water	2540C-2011	
MB 680-877296/1	Method Blank	Total/NA	Water	2540C-2011	
LCS 680-877296/2	Lab Control Sample	Total/NA	Water	2540C-2011	
LCSD 680-877296/3	Lab Control Sample Dup	Total/NA	Water	2540C-2011	
680-262185-3 DU	SCH-GWC-8A	Total/NA	Water	2540C-2011	

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-262185-1

Client Sample ID: SCH-GWC-6

Lab Sample ID: 680-262185-1

Date Collected: 02/24/25 15:41

Matrix: Water

Date Received: 02/25/25 11:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	877525	03/03/25 14:21	AF	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877017	02/26/25 05:09	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877192	02/26/25 20:44	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	878032	03/06/25 12:57	MG	EET SAV
Total/NA	Analysis	7470A		1			878134	03/07/25 09:52	BCB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877283	02/26/25 22:08	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877293	02/27/25 17:29	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-GWC-7

Lab Sample ID: 680-262185-2

Date Collected: 02/24/25 11:31

Matrix: Water

Date Received: 02/25/25 11:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	877525	03/03/25 14:51	AF	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877017	02/26/25 05:09	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877192	02/26/25 20:56	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	878032	03/06/25 12:57	MG	EET SAV
Total/NA	Analysis	7470A		1			878134	03/07/25 10:08	BCB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877283	02/26/25 22:18	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877296	02/27/25 20:01	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-GWC-8A

Lab Sample ID: 680-262185-3

Date Collected: 02/24/25 12:50

Matrix: Water

Date Received: 02/25/25 11:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	877525	03/03/25 15:20	AF	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877017	02/26/25 05:09	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877192	02/26/25 20:46	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	878032	03/06/25 12:57	MG	EET SAV
Total/NA	Analysis	7470A		1			878134	03/07/25 09:59	BCB	EET SAV
	Instrument ID: QuickTrace3									

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-262185-1

Client Sample ID: SCH-GWC-8A

Lab Sample ID: 680-262185-3

Date Collected: 02/24/25 12:50

Matrix: Water

Date Received: 02/25/25 11:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2320B-2011		1			877283	02/26/25 21:49	PG	EET SAV
Total/NA	Analysis	2540C-2011		1	50 mL	200 mL	877296	02/27/25 20:01	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-GWC-9

Lab Sample ID: 680-262185-4

Date Collected: 02/24/25 13:40

Matrix: Water

Date Received: 02/25/25 11:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	2 mL	2 mL	877639	03/04/25 10:01	BS	EET SAV
	Instrument ID: CICR									
Total Recoverable	Prep	3005A			25 mL	125 mL	877017	02/26/25 05:09	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877192	02/26/25 20:50	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	878032	03/06/25 12:57	MG	EET SAV
Total/NA	Analysis	7470A		1			878134	03/07/25 10:03	BCB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877283	02/26/25 21:59	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	50 mL	200 mL	877296	02/27/25 20:01	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-GWC-10

Lab Sample ID: 680-262185-5

Date Collected: 02/24/25 12:01

Matrix: Water

Date Received: 02/25/25 11:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	877525	03/03/25 15:40	AF	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877017	02/26/25 05:09	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877192	02/26/25 20:42	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	878032	03/06/25 12:57	MG	EET SAV
Total/NA	Analysis	7470A		1			878134	03/07/25 10:06	BCB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877283	02/26/25 23:01	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877296	02/27/25 20:01	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-GWC-11

Lab Sample ID: 680-262185-6

Date Collected: 02/24/25 13:50

Matrix: Water

Date Received: 02/25/25 11:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	877525	03/03/25 15:49	AF	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877017	02/26/25 05:09	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877192	02/26/25 20:40	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	877714	03/04/25 13:13	MG	EET SAV
Total/NA	Analysis	7470A		1			877813	03/04/25 18:44	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877284	02/27/25 01:09	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877296	02/27/25 20:01	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-GWC-12

Lab Sample ID: 680-262185-7

Date Collected: 02/24/25 14:36

Matrix: Water

Date Received: 02/25/25 11:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	877525	03/03/25 15:59	AF	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877017	02/26/25 05:09	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877192	02/26/25 20:34	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	877714	03/04/25 13:13	MG	EET SAV
Total/NA	Analysis	7470A		1			877813	03/04/25 18:49	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877283	02/26/25 22:52	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877296	02/27/25 20:01	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-GWC-13

Lab Sample ID: 680-262185-8

Date Collected: 02/24/25 15:23

Matrix: Water

Date Received: 02/25/25 11:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	877525	03/03/25 16:09	AF	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877017	02/26/25 05:09	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877192	02/26/25 20:48	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	878032	03/06/25 12:57	MG	EET SAV
Total/NA	Analysis	7470A		1			878134	03/07/25 09:54	BCB	EET SAV
	Instrument ID: QuickTrace3									

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-262185-1

Client Sample ID: SCH-GWC-13

Lab Sample ID: 680-262185-8

Date Collected: 02/24/25 15:23

Matrix: Water

Date Received: 02/25/25 11:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2320B-2011		1			877283	02/26/25 22:44	PG	EET SAV
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877296	02/27/25 20:01	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-CELL1-FD-5

Lab Sample ID: 680-262185-9

Date Collected: 02/24/25 00:00

Matrix: Water

Date Received: 02/25/25 11:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	877525	03/03/25 16:19	AF	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877017	02/26/25 05:09	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877192	02/26/25 20:36	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	878032	03/06/25 12:57	MG	EET SAV
Total/NA	Analysis	7470A		1			878134	03/07/25 09:56	BCB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877283	02/26/25 22:27	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	877296	02/27/25 20:01	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-CELL1-FD-6

Lab Sample ID: 680-262185-10

Date Collected: 02/24/25 00:00

Matrix: Water

Date Received: 02/25/25 11:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	5 mL	5 mL	877640	03/04/25 18:42	BS	EET SAV
	Instrument ID: CICP									
Total Recoverable	Prep	3005A			25 mL	125 mL	877017	02/26/25 05:09	RR	EET SAV
Total Recoverable	Analysis	6020B		1			877192	02/26/25 20:38	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Prep	7470A			50 mL	50 mL	877714	03/04/25 13:13	MG	EET SAV
Total/NA	Analysis	7470A		1			877813	03/04/25 18:46	BJB	EET SAV
	Instrument ID: QuickTrace3									
Total/NA	Analysis	2320B-2011		1			877283	02/26/25 22:36	PG	EET SAV
	Instrument ID: MANTECH 2									
Total/NA	Analysis	2540C-2011		1	50 mL	200 mL	877296	02/27/25 20:04	PG	EET SAV
	Instrument ID: NOEQUIP									

Laboratory References:

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Accreditation/Certification Summary

Client: Southern Company
Job ID: 680-262185-1
Project/Site: CCR - Plant Scherer Cell 1

Laboratory: Eurofins Savannah

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87052	06-30-25
Georgia	State	E87052	06-30-25

Method Summary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1

Job ID: 680-262185-1

Method	Method Description	Protocol	Laboratory
300.0-1993 R2.1	Anions, Ion Chromatography	MCAWW	EET SAV
6020B	Metals (ICP/MS)	SW846	EET SAV
7470A	Mercury (CVAA)	SW846	EET SAV
2320B-2011	Alkalinity, Total	SM	EET SAV
2540C-2011	Total Dissolved Solids (Dried at 180 °C)	SM	EET SAV
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET SAV
7470A	Preparation, Mercury	SW846	EET SAV

Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Phone (912) 354-7858 Phone (912) 352-0165

Chain of Custody Record

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Client Information	Sampler(s): Mark Mann	Lab PM / Phone: David Fuller / 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: Joju Abraham	Site-Project Manager / Phone: Dawn Prell / 248-536-5445	E-Mail: David.Fuller@et.eurofinsus.com	State of Origin: GA	Page: Page 1 of 1
Company: Southern Company				Job #:
Address: 241 Ralph McGill Blvd SE B10185	Due Date Requested:			
City: Atlanta	TAT Requested (days): 2 weeks			
State, Zip: GA, 30308	Compliance Project: Δ Yes Δ No			
Phone:	Lab Project #: (DO NOT REMOVE) 68027798			
Email: JAbraham@southernco.com	Lab PO #: GPC82130-0006 / PO Line #3			
Project Name: CCR - Plant Scherer Cell 1	Project #:			
Site:				

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)
Other:

Task_Code: SCH-CCR-ASSMT-2025S1
Special Instructions/Notes:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C - Solids, Total Dissolved (TDS)	6020B - App III, State (15) Metals + Cations (Mg, K, Na)	7470A - Mercury	2320B - Alkalinity, Total, Carb/Bicarb	Total Number of containers
			Preservation Code:				N	N	D	D	N	
SCH-GWC-6	2/24/25	15:41	G	WG	N	N	X	X	X	X	X	4
SCH-GWC-7	2/24/25	11:31	G	WG	N	N	X	X	X	X	X	4
SCH-GWC-8A	2/24/25	12:50	G	WG	N	N	X	X	X	X	X	4
SCH-GWC-9	2/24/25	13:40	G	WG	N	N	X	X	X	X	X	4
SCH-GWC-10	2/24/25	12:01	G	WG	N	N	X	X	X	X	X	4
SCH-GWC-11	2/24/25	13:50	G	WG	N	N	X	X	X	X	X	4
SCH-GWC-12	2/24/25	14:36	G	WG	N	N	X	X	X	X	X	4
SCH-GWC-13	2/24/25	15:23	G	WG	N	N	X	X	X	X	X	4
SCH-CELL1-FD-5	2/24/25	-	G	WG	N	N	X	X	X	X	X	4
SCH-CELL1-FD-6	2/24/25	-	G	WG	N	N	X	X	X	X	X	4

680-262185 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if sa
☐ Return To Client ☐ Disposal By La

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
MARK MANN /	2/25/2025 830	WSP	Miranda Lucear	2/25/2025 830	COURIER NOW
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
				2-25-25 1130	M
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 2.0/2.0 1.1/1.1 1.5/1.5

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-262185-1

Login Number: 262185

List Source: Eurofins Savannah

List Number: 1

Creator: Sims, Robert D

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

APPENDIX B

Analytical Results
April 2025

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ANALYTICAL REPORT

PREPARED FOR

Attn: Joju Abraham
Southern Company
241 Ralph McGill Blvd SE
B10185
Atlanta, Georgia 30308

Generated 5/1/2025 4:53:57 PM Revision 1

JOB DESCRIPTION

CCR - Plant Scherer Cell 1 Resample

JOB NUMBER

680-263740-1

Eurofins Savannah
5102 LaRoche Avenue
Savannah GA 31404

See page two for job notes and contact information.

my EOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization



Generated
5/1/2025 4:53:57 PM
Revision 1

Authorized for release by
David Fuller, Project Manager
David.Fuller@et.eurofinsus.com
(770)344-8986

Definitions/Glossary

Client: Southern Company
Project/Site: CCR - Plant Scherer Cell 1 Resample

Job ID: 680-263740-1

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.

Metals

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Sample Summary

Client: Southern Company
Job ID: 680-263740-1
Project/Site: CCR - Plant Scherer Cell 1 Resample

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-263740-1	SCH-GWC-3	Water	04/23/25 09:55	04/26/25 11:00
680-263740-2	SCH-GWC-4	Water	04/22/25 14:25	04/26/25 11:00
680-263740-3	SCH-GWC-6	Water	04/22/25 13:52	04/26/25 11:00
680-263740-4	SCH-GWC-19	Water	04/22/25 15:33	04/26/25 11:00
680-263740-5	SCH-CELL1-FD-1	Water	04/22/25 00:00	04/26/25 11:00
680-263740-6	SCH-CELL1-FB-1	Water	04/22/25 14:35	04/26/25 11:00
680-263740-7	SCH-CELL1-EB-1	Water	04/22/25 14:40	04/26/25 11:00

Job ID: 680-263740-1 — Eurofins Savannah

Job Narrative
680-263740-1

Revision 1
The report being provided is a revision of the original report sent on 4/30/2025. The report (revision 1) is being revised in order to report Sulfate for the first sample in this submittal, as requested on the Chain of Custody (COC), instead of Chloride.

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Receipt
The samples were received on 4/26/2025 11:00 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.9°C.

HPLC/IC
Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 680-881561 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
Method 2540C: A lesser volume of sample was used for the following samples due to the nature of the sample matrix resulting in elevated reporting limits: SCH-GWC-4 (680-263740-2) and SCH-CELL1-FD-1 (680-263740-5).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client Sample Results

Client: Southern Company
Job ID: 680-263740-1
Project/Site: CCR - Plant Scherer Cell 1 Resample

Client Sample ID: SCH-GWC-3
Lab Sample ID: 680-263740-1
Date Collected: 04/23/25 09:55
Matrix: Water
Date Received: 04/26/25 11:00

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	18		1.0	0.40	mg/L			04/29/25 14:12	1

Client Sample ID: SCH-GWC-4
Lab Sample ID: 680-263740-2
Date Collected: 04/22/25 14:25
Matrix: Water
Date Received: 04/26/25 11:00

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	45	F1	10	2.0	mg/L			04/29/25 16:23	10
Sulfate	180		2.0	0.80	mg/L			04/29/25 14:37	2

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	0.19		0.010	0.00089	mg/L		04/29/25 04:54	04/29/25 14:10	1
Calcium	60		0.50	0.14	mg/L		04/29/25 04:54	04/29/25 14:10	1
Selenium	0.0091	B	0.0050	0.00099	mg/L		04/29/25 04:54	04/29/25 14:10	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	470		40	40	mg/L			04/29/25 10:34	1

Client Sample ID: SCH-GWC-6
Lab Sample ID: 680-263740-3
Date Collected: 04/22/25 13:52
Matrix: Water
Date Received: 04/26/25 11:00

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	38		1.0	0.40	mg/L			04/29/25 14:45	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	0.065		0.010	0.00089	mg/L		04/29/25 04:54	04/29/25 14:16	1
Calcium	21		0.50	0.14	mg/L		04/29/25 04:54	04/29/25 14:16	1

Client Sample ID: SCH-GWC-19
Lab Sample ID: 680-263740-4
Date Collected: 04/22/25 15:33
Matrix: Water
Date Received: 04/26/25 11:00

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	20		0.50	0.14	mg/L		04/29/25 04:54	04/29/25 14:12	1

Client Sample ID: SCH-CELL1-FD-1
Lab Sample ID: 680-263740-5
Date Collected: 04/22/25 00:00
Matrix: Water
Date Received: 04/26/25 11:00

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	48		5.0	1.0	mg/L			04/29/25 14:53	5
Sulfate	200		5.0	2.0	mg/L			04/29/25 14:53	5

Client: Southern Company
Job ID: 680-263740-1
Project/Site: CCR - Plant Scherer Cell 1 Resample

Client Sample ID: SCH-CELL1-FD-1
Lab Sample ID: 680-263740-5
Date Collected: 04/22/25 00:00
Matrix: Water
Date Received: 04/26/25 11:00

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	0.19		0.010	0.00089	mg/L		04/29/25 04:54	04/29/25 14:14	1
Calcium	60		0.50	0.14	mg/L		04/29/25 04:54	04/29/25 14:14	1
Selenium	0.0081	B	0.0050	0.00099	mg/L		04/29/25 04:54	04/29/25 14:14	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	480		40	40	mg/L			04/29/25 10:34	1

Client Sample ID: SCH-CELL1-FB-1
Lab Sample ID: 680-263740-6
Date Collected: 04/22/25 14:35
Matrix: Water
Date Received: 04/26/25 11:00

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.20		1.0	0.20	mg/L			04/29/25 15:01	1
Sulfate	<0.40		1.0	0.40	mg/L			04/29/25 15:01	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	<0.00089		0.010	0.00089	mg/L		04/29/25 04:54	04/29/25 14:02	1
Calcium	<0.14		0.50	0.14	mg/L		04/29/25 04:54	04/29/25 14:02	1
Selenium	<0.00099		0.0050	0.00099	mg/L		04/29/25 04:54	04/29/25 14:02	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	<10		10	10	mg/L			04/29/25 10:34	1

Client Sample ID: SCH-CELL1-EB-1
Lab Sample ID: 680-263740-7
Date Collected: 04/22/25 14:40
Matrix: Water
Date Received: 04/26/25 11:00

Method: MCAWW 300.0-1993 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.20		1.0	0.20	mg/L			04/29/25 15:09	1
Sulfate	<0.40		1.0	0.40	mg/L			04/29/25 15:09	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	<0.00089		0.010	0.00089	mg/L		04/29/25 04:54	04/29/25 14:08	1
Calcium	<0.14		0.50	0.14	mg/L		04/29/25 04:54	04/29/25 14:08	1
Selenium	<0.00099		0.0050	0.00099	mg/L		04/29/25 04:54	04/29/25 14:08	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C-2011)	<10		10	10	mg/L			04/29/25 10:34	1

Method: 300.0-1993 R2.1 - Anions, Ion Chromatography

Lab Sample ID: MB 680-881561/2
Matrix: Water
Analysis Batch: 881561

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.20		1.0	0.20	mg/L			04/29/25 09:17	1
Sulfate	<0.40		1.0	0.40	mg/L			04/29/25 09:17	1

Lab Sample ID: LCS 680-881561/3
Matrix: Water
Analysis Batch: 881561

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			10.0	10.8		mg/L		108	90 - 110		
Sulfate			10.0	10.2		mg/L		102	90 - 110		

Lab Sample ID: LCSD 680-881561/4
Matrix: Water
Analysis Batch: 881561

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			10.0	10.8		mg/L		108	90 - 110	0	15
Sulfate			10.0	10.1		mg/L		101	90 - 110	1	15

Lab Sample ID: 680-263740-1 MS
Matrix: Water
Analysis Batch: 881561

Client Sample ID: SCH-GWC-3
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	3.7	F1	10.0	15.8	F1	mg/L		121	80 - 120		
Sulfate	18		10.0	29.8		mg/L		115	80 - 120		

Lab Sample ID: 680-263740-1 MSD
Matrix: Water
Analysis Batch: 881561

Client Sample ID: SCH-GWC-3
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	3.7	F1	10.0	15.8	F1	mg/L		121	80 - 120	0	15
Sulfate	18		10.0	29.5		mg/L		112	80 - 120	1	15

Lab Sample ID: 680-263740-2 MS
Matrix: Water
Analysis Batch: 881561

Client Sample ID: SCH-GWC-4
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	45	F1	100	170	F1	mg/L		125	80 - 120		
Sulfate	200		100	313		mg/L		118	80 - 120		

Lab Sample ID: 680-263740-2 MSD
Matrix: Water
Analysis Batch: 881561

Client Sample ID: SCH-GWC-4
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	45	F1	100	165		mg/L		120	80 - 120	3	15
Sulfate	200		100	309		mg/L		113	80 - 120	1	15

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 680-881542/1-A
Matrix: Water
Analysis Batch: 881613

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 881542

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	<0.00089		0.010	0.00089	mg/L		04/29/25 04:54	04/29/25 13:58	1
Selenium	0.00218	J	0.0050	0.00099	mg/L		04/29/25 04:54	04/29/25 13:58	1
Calcium	<0.14		0.50	0.14	mg/L		04/29/25 04:54	04/29/25 13:58	1

Lab Sample ID: LCS 680-881542/2-A
Matrix: Water
Analysis Batch: 881613

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 881542

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Barium	0.100	0.103		mg/L		103	80 - 120
Selenium	0.100	0.0989		mg/L		99	80 - 120
Calcium	5.00	5.21		mg/L		104	80 - 120

Lab Sample ID: 680-263740-6 MS
Matrix: Water
Analysis Batch: 881613

Client Sample ID: SCH-CELL1-FB-1
Prep Type: Total Recoverable
Prep Batch: 881542

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Barium	<0.00089		0.100	0.110		mg/L		110	75 - 125
Selenium	<0.00099		0.100	0.109		mg/L		109	75 - 125
Calcium	<0.14		5.00	5.21		mg/L		104	75 - 125

Lab Sample ID: 680-263740-6 MSD
Matrix: Water
Analysis Batch: 881613

Client Sample ID: SCH-CELL1-FB-1
Prep Type: Total Recoverable
Prep Batch: 881542

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Barium	<0.00089		0.100	0.106		mg/L		106	75 - 125	3	20
Selenium	<0.00099		0.100	0.105		mg/L		105	75 - 125	4	20
Calcium	<0.14		5.00	5.08		mg/L		102	75 - 125	3	20

Method: 2540C-2011 - Total Dissolved Solids (Dried at 180 °C)

Lab Sample ID: MB 680-881566/1
Matrix: Water
Analysis Batch: 881566

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			04/29/25 10:34	1

Lab Sample ID: LCS 680-881566/2
Matrix: Water
Analysis Batch: 881566

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	2440	2430		mg/L		100	80 - 120

Method: 2540C-2011 - Total Dissolved Solids (Dried at 180 °C) (Continued)

Lab Sample ID: LCSD 680-881566/3
Matrix: Water
Analysis Batch: 881566

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids			2440	2400		mg/L		99	80 - 120	1	25

Lab Sample ID: 680-263740-5 DU
Matrix: Water
Analysis Batch: 881566

Client Sample ID: SCH-CELL1-FD-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	480			488		mg/L				2	5

HPLC/IC

Analysis Batch: 881561

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-263740-1	SCH-GWC-3	Total/NA	Water	300.0-1993 R2.1	
680-263740-2	SCH-GWC-4	Total/NA	Water	300.0-1993 R2.1	
680-263740-2	SCH-GWC-4	Total/NA	Water	300.0-1993 R2.1	
680-263740-3	SCH-GWC-6	Total/NA	Water	300.0-1993 R2.1	
680-263740-5	SCH-CELL1-FD-1	Total/NA	Water	300.0-1993 R2.1	
680-263740-6	SCH-CELL1-FB-1	Total/NA	Water	300.0-1993 R2.1	
680-263740-7	SCH-CELL1-EB-1	Total/NA	Water	300.0-1993 R2.1	
MB 680-881561/2	Method Blank	Total/NA	Water	300.0-1993 R2.1	
LCS 680-881561/3	Lab Control Sample	Total/NA	Water	300.0-1993 R2.1	
LCSD 680-881561/4	Lab Control Sample Dup	Total/NA	Water	300.0-1993 R2.1	
680-263740-1 MS	SCH-GWC-3	Total/NA	Water	300.0-1993 R2.1	
680-263740-1 MSD	SCH-GWC-3	Total/NA	Water	300.0-1993 R2.1	
680-263740-2 MS	SCH-GWC-4	Total/NA	Water	300.0-1993 R2.1	
680-263740-2 MSD	SCH-GWC-4	Total/NA	Water	300.0-1993 R2.1	

Metals

Prep Batch: 881542

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-263740-2	SCH-GWC-4	Total Recoverable	Water	3005A	
680-263740-3	SCH-GWC-6	Total Recoverable	Water	3005A	
680-263740-4	SCH-GWC-19	Total Recoverable	Water	3005A	
680-263740-5	SCH-CELL1-FD-1	Total Recoverable	Water	3005A	
680-263740-6	SCH-CELL1-FB-1	Total Recoverable	Water	3005A	
680-263740-7	SCH-CELL1-EB-1	Total Recoverable	Water	3005A	
MB 680-881542/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-881542/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
680-263740-6 MS	SCH-CELL1-FB-1	Total Recoverable	Water	3005A	
680-263740-6 MSD	SCH-CELL1-FB-1	Total Recoverable	Water	3005A	

Analysis Batch: 881613

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-263740-2	SCH-GWC-4	Total Recoverable	Water	6020B	881542
680-263740-3	SCH-GWC-6	Total Recoverable	Water	6020B	881542
680-263740-4	SCH-GWC-19	Total Recoverable	Water	6020B	881542
680-263740-5	SCH-CELL1-FD-1	Total Recoverable	Water	6020B	881542
680-263740-6	SCH-CELL1-FB-1	Total Recoverable	Water	6020B	881542
680-263740-7	SCH-CELL1-EB-1	Total Recoverable	Water	6020B	881542
MB 680-881542/1-A	Method Blank	Total Recoverable	Water	6020B	881542
LCS 680-881542/2-A	Lab Control Sample	Total Recoverable	Water	6020B	881542
680-263740-6 MS	SCH-CELL1-FB-1	Total Recoverable	Water	6020B	881542
680-263740-6 MSD	SCH-CELL1-FB-1	Total Recoverable	Water	6020B	881542

General Chemistry

Analysis Batch: 881566

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-263740-2	SCH-GWC-4	Total/NA	Water	2540C-2011	
680-263740-5	SCH-CELL1-FD-1	Total/NA	Water	2540C-2011	
680-263740-6	SCH-CELL1-FB-1	Total/NA	Water	2540C-2011	
680-263740-7	SCH-CELL1-EB-1	Total/NA	Water	2540C-2011	
MB 680-881566/1	Method Blank	Total/NA	Water	2540C-2011	

General Chemistry (Continued)

Analysis Batch: 881566 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 680-881566/2	Lab Control Sample	Total/NA	Water	2540C-2011	
LCSD 680-881566/3	Lab Control Sample Dup	Total/NA	Water	2540C-2011	
680-263740-5 DU	SCH-CELL1-FD-1	Total/NA	Water	2540C-2011	

Lab Chronicle

Client: Southern Company
Job ID: 680-263740-1
Project/Site: CCR - Plant Scherer Cell 1 Resample

Client Sample ID: SCH-GWC-3
Lab Sample ID: 680-263740-1
Date Collected: 04/23/25 09:55
Matrix: Water
Date Received: 04/26/25 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	2 mL	2 mL	881561	04/29/25 14:12	AF	EET SAV
	Instrument ID: CICR									

Client Sample ID: SCH-GWC-4
Lab Sample ID: 680-263740-2
Date Collected: 04/22/25 14:25
Matrix: Water
Date Received: 04/26/25 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		2	2 mL	2 mL	881561	04/29/25 14:37	AF	EET SAV
	Instrument ID: CICR									
Total/NA	Analysis	300.0-1993 R2.1		10	2 mL	2 mL	881561	04/29/25 16:23	AF	EET SAV
	Instrument ID: CICR									
Total Recoverable	Prep	3005A			25 mL	125 mL	881542	04/29/25 04:54	RR	EET SAV
Total Recoverable	Analysis	6020B		1			881613	04/29/25 14:10	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Analysis	2540C-2011		1	50 mL	200 mL	881566	04/29/25 10:34	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-GWC-6
Lab Sample ID: 680-263740-3
Date Collected: 04/22/25 13:52
Matrix: Water
Date Received: 04/26/25 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	2 mL	2 mL	881561	04/29/25 14:45	AF	EET SAV
	Instrument ID: CICR									
Total Recoverable	Prep	3005A			25 mL	125 mL	881542	04/29/25 04:54	RR	EET SAV
Total Recoverable	Analysis	6020B		1			881613	04/29/25 14:16	BWR	EET SAV
	Instrument ID: ICPMSG									

Client Sample ID: SCH-GWC-19
Lab Sample ID: 680-263740-4
Date Collected: 04/22/25 15:33
Matrix: Water
Date Received: 04/26/25 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			25 mL	125 mL	881542	04/29/25 04:54	RR	EET SAV
Total Recoverable	Analysis	6020B		1			881613	04/29/25 14:12	BWR	EET SAV
	Instrument ID: ICPMSG									

Client Sample ID: SCH-CELL1-FD-1
Lab Sample ID: 680-263740-5
Date Collected: 04/22/25 00:00
Matrix: Water
Date Received: 04/26/25 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		5	2 mL	2 mL	881561	04/29/25 14:53	AF	EET SAV
	Instrument ID: CICR									

Lab Chronicle

Client: Southern Company
Job ID: 680-263740-1
Project/Site: CCR - Plant Scherer Cell 1 Resample

Client Sample ID: SCH-CELL1-FD-1
Lab Sample ID: 680-263740-5
Date Collected: 04/22/25 00:00
Matrix: Water
Date Received: 04/26/25 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			25 mL	125 mL	881542	04/29/25 04:54	RR	EET SAV
Total Recoverable	Analysis	6020B		1			881613	04/29/25 14:14	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Analysis	2540C-2011		1	50 mL	200 mL	881566	04/29/25 10:34	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-CELL1-FB-1
Lab Sample ID: 680-263740-6
Date Collected: 04/22/25 14:35
Matrix: Water
Date Received: 04/26/25 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	2 mL	2 mL	881561	04/29/25 15:01	AF	EET SAV
	Instrument ID: CICR									
Total Recoverable	Prep	3005A			25 mL	125 mL	881542	04/29/25 04:54	RR	EET SAV
Total Recoverable	Analysis	6020B		1			881613	04/29/25 14:02	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	881566	04/29/25 10:34	PG	EET SAV
	Instrument ID: NOEQUIP									

Client Sample ID: SCH-CELL1-EB-1
Lab Sample ID: 680-263740-7
Date Collected: 04/22/25 14:40
Matrix: Water
Date Received: 04/26/25 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0-1993 R2.1		1	2 mL	2 mL	881561	04/29/25 15:09	AF	EET SAV
	Instrument ID: CICR									
Total Recoverable	Prep	3005A			25 mL	125 mL	881542	04/29/25 04:54	RR	EET SAV
Total Recoverable	Analysis	6020B		1			881613	04/29/25 14:08	BWR	EET SAV
	Instrument ID: ICPMSG									
Total/NA	Analysis	2540C-2011		1	200 mL	200 mL	881566	04/29/25 10:34	PG	EET SAV
	Instrument ID: NOEQUIP									

Laboratory References:
EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Accreditation/Certification Summary

Client: Southern Company
Job ID: 680-263740-1
Project/Site: CCR - Plant Scherer Cell 1 Resample

Laboratory: Eurofins Savannah

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87052	06-30-25
Georgia	State	E87052	06-30-25

Method Summary

Client: Southern Company
Job ID: 680-263740-1
Project/Site: CCR - Plant Scherer Cell 1 Resample

Method	Method Description	Protocol	Laboratory
300.0-1993 R2.1	Anions, Ion Chromatography	MCAWW	EET SAV
6020B	Metals (ICP/MS)	SW846	EET SAV
2540C-2011	Total Dissolved Solids (Dried at 180 °C)	SM	EET SAV
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET SAV

Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Phone (912) 354-7858 Phone (912) 352-0165

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler(s): Mark Mann	Lab PM / Phone: David Fuller / 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: Joju Abraham	Site-Project Manager / Phone: Dawn Prell / 248-536-5445	E-Mail: David.Fuller@et.eurofinsus.com	State of Origin: GA	Page: Page 1 of 1
Company: Southern Company				Job #:
Address: 241 Ralph McGill Blvd SE B10185	Due Date Requested:			
City: Atlanta	TAT Requested (days): 2 weeks			
State, Zip: GA, 30308	Compliance Project: Δ Yes Δ No			
Phone:	Lab Project #: (DO NOT REMOVE) 68027798			
Email: JAbraham@southernco.com	Lab PO #: GPC82130-0006 / PO Line #3			
Project Name: CCR - Plant Scherer Cell 1 Resample	Project #:			
Site:				

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)
Other:

Task_Code: SCH-CCR-ASSMT-2025S1R1

Special Instructions/Notes:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300-Chloride	300-Sulfate	SM-2540C_TDS	6020B - Barium	6020B - Calcium	6020B - Selenium	Total Number of containers
			Preservation Code:				N	N	N	D	D	D	
SCH-GWC-3	4/23/25	9:55	G	WG	N	N		X					
SCH-GWC-4	4/22/25	14:25	G	WG	N	N	X	X	X	X	X	X	
SCH-GWC-6	4/22/25	13:52	G	WG	N	N		X		X	X		
SCH-GWC-19	4/22/25	15:33	G	WG	N	N					X		
SCH-CELL1-FD-1	4/22/25	--	G	WG	N	N	X	X	X	X	X	X	
SCH-CELL1-FB-1	4/22/25	14:35	G	WQ	N	N	X	X	X	X	X	X	
SCH-CELL1-EB-1	4/22/25	14:40	G	WQ	N	N	X	X	X	X	X	X	

680-263740 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	J. Stucky Emb Client	4/23/25 1346	WSP		4.23.25 1346	
2		4-25-24 1213	Eurofins		4/28/25 1100	
3						

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 2.9/2.9

Ver: 01/16/2019

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 680-263740-1

Login Number: 263740
List Number: 1
Creator: Johnson, Corey M

List Source: Eurofins Savannah

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

APPENDIX B

Data Validation Summaries

Quality Control Review of Analytical Data - Plant Scherer Cell 1, PAC Ash Cell, and Cell 3
Submitted by Eurofins Environmental Testing
June 2025

This narrative presents the results of the quality control (QC) data review performed on analytical data submitted to Eurofins Environmental Testing, Inc. for groundwater and surface water samples collected in Cell 1, PAC Ash Cell, and Cell 3 at Plant Scherer CCR site (Site) between February 17 and April 23, 2025. The chemical data were reviewed to identify quality issues which could affect the use of the data for decision making purposes.

Information regarding the primary sample locations, analytical parameters, QC samples, sampling dates, and laboratory sample delivery group (SDG) designations is summarized in Table 1. In accordance with groundwater monitoring and corrective action procedures discussed in Title 40 CFR, Subpart D - Standards for the Disposal of Coal Combustion Residuals in Landfills and Surface Impoundments and the Georgia Environmental Protection Division Rules for Solid Waste Management 391-3-4-.10, the groundwater samples were analyzed for detection monitoring and assessment monitoring constituents listed in 40 CFR, Part 257, Appendix III and Appendix IV, and for applicable state and federal monitoring parameters pursuant to the Site's 2010 Design & Operations (D&O) Plan. Additional analyses included cations and anions (potassium, magnesium, and sodium), and alkalinity (total, carbonate, and bicarbonate). Select surface water samples were also analyzed for chemical oxygen demand, cyanide, and total organic carbon. Test methods included Inductively Coupled Plasma - Mass Spectrometry (USEPA Method 6020B), Mercury in Liquid Wastes (USEPA Method 7470A), Determination of Inorganic Anions by Ion Chromatography (USEPA Method 300.0), Total Dissolved Solids (Standard Methods 2540C), Alkalinity by Titration through Standard Method 2320B (SM2320B), Chemical Oxygen Demand (410.4), Cyanide through Standard Method 4500 (SM 4500 CN), and Total Organic Carbon through standard method 5310B (SM 5310 B-2011).

Data were reviewed in accordance with the US EPA Region IV Data Validation Standard Operating Procedures for Contract Laboratory Program (CLP) Inorganic Data by Inductively Coupled Plasma – Atomic Emission Spectroscopy and Inductively Coupled Plasma – Mass Spectroscopy (September 2011, Rev. 2.0), US EPA Region IV Data Validation Standard Operating Procedures for CLP Mercury Data by Cold Vapor Atomic Absorption (September 2011, Rev. 2.0), the National Functional Guidelines for Inorganic Superfund Methods Data Review (November 2020), and US Department of Energy, Evaluation of Radiochemical Data Usability (April 1997). The review included an assessment of the results for completeness, precision (field and laboratory duplicates, matrix spike/matrix spike duplicates), accuracy (laboratory control samples and matrix spike samples), and sensitivity (reporting limits and blank contamination, including filed and laboratory blanks). Additionally, sample procedures, holding times and chains-of-custody were reviewed. If there was a discrepancy between the QC criteria in the guidelines and the QC criterion established in the analytic methodology, method-specific criteria or professional judgment was used.

DATA QUALITY OBJECTIVES

Laboratory Precision: Laboratory goals for precision were met except alkalinity (total and bicarbonate as $CACO_3$), chloride, fluoride, and sulfate, as described in the qualification section below.

Field Precision: Field goals for precision were met except alkalinity (total and bicarbonate as $CACO_3$), chloride, fluoride, sulfate, and vanadium as described in the qualification section below.

Accuracy: Laboratory goals for accuracy were met except chloride, calcium sulfate, fluoride, magnesium, sodium, silver, and sulfate as described in the qualification section below.

Sensitivity: Project goals for detection limits were met except for TDS. A lesser volume of sample was used for selected samples in TDS analysis due to the nature of the sample matrix, resulting in elevated reporting limits (RLs).

Certain samples were diluted due to elevated concentrations of target analytes. Dilutions do not require qualifications based on USEPA guidelines. Detection and reporting limits of non-detect compounds are elevated proportional to the dilution when undiluted sample results are not provided by the laboratory. The data usability of diluted results was evaluated by the data user in the context of site-wide characterization. Detections were found in certain blank results, as described in the qualification sections below.

Completeness: Approximately 99.9% of the total samples were validated for completeness and used for statistical analysis

Holding Times: All holding time requirements were met in accordance with specific analytical methods.

QUALIFICATIONS

In general, chemical results for the samples collected at the Site were qualified on the basis of precision, inaccuracy, sensitivity, or on the basis of professional judgment. The following definitions provide brief explanations of the qualifiers which may have been assigned to data during the data validation process.

J	The analyte was positively identified above the method detection limit; however, the associated numerical value is the approximate concentration of the analyte in the sample.
J+	The analyte was reported above the method detection limit; however, the concentration reported is an estimated value that may be biased high.
J-	The analyte was reported above the method detection limit; however, the concentration reported is an estimated value that may be biased low.
U	The analyte was not detected above the method detection limit.
UJ	The analyte was not detected at a level greater than or equal to the reporting limit. However, the reporting limit was approximate and may be inaccurate or imprecise.
UR	The analyte was not detected above the method detection limit and was rejected.

The data generated as part of this sampling event met the QC criteria established in the respective analytical methods and data validation guidelines except as specified below. Although these qualifications were applied to data from samples collected at the Site and reported in sample delivery groups (SDGs) listed in Table 1, qualifications may not have been required or applied to all samples collected. A summary of sample qualifications can be found in Table 2.

- Samples SCH-PAC-FD-7 and its associated parent sample SCH-GWC-53 were qualified as estimated (J) for total alkalinity as $CaCO_3$ to pH 4.5 and bicarbonate alkalinity as $CaCO_3$ when the laboratory and field duplicate relative percent difference (RPD) exceeded criteria.

- Certain vanadium and chloride results from samples SCH-PAC-FD-8 and its associated parent sample SCH-GWC-50 were qualified as estimated (J) when the field duplicate RPD exceeded criteria.

- Certain chloride, fluoride, and sulfate results in SDGs 680-262255-1 and 680-262298-1 had matrix spike and/or matrix spike duplicate (MS/MSD) recoveries below the lower acceptance limit and RPD exceedance in samples SCH-GWC-1, SCH-PAC-FD-8, and SCH-GWC-52 and as a result, were qualified as estimated (J/UJ).

- Field duplicate absolute difference criteria were not met for anions chloride, fluoride, and sulfate in samples SCH-CELL3-FD-10 and SCH-GWC-32. As a result, these data were qualified as estimated (J/UJ).

- When MS and MSD recovered below 10% in SDG 680-262185-1, associated positive results chloride and sulfate results for sample SCH-GWC-7 were qualified as estimated, biased low (J-) and the non-detected fluoride result was qualified as non-detect, rejected (UR).

- In SDG 680-262184-1 a laboratory control sample (LCS) for silver recovered above laboratory criteria. Associated samples were non-detect and qualifications were not required.

- Fluoride was qualified as estimated, biased low (J-) when the MS recovered below laboratory criteria for sample SCH-CELL1-FD-6.

- Certain chloride, calcium sulfate, fluoride, magnesium, sodium, silver, and sulfate results from SDGs 680-263740-1, 680-262261-1, 680-262300-1, 680-262251-1, and 680-262298-1 were qualified based on MS and/or MSD recoveries. As shown in Table 2, when MS and/or MSDs recovered below the lower acceptance limit and above 10%, associated detected sample results were qualified as estimated, biased low (J-) and non-detects were qualified as estimated (UJ). When MS and/or MSD recovered above the upper acceptance limit associated detected sample results were qualified as estimated, biased high (J+) and associated non-detected sample results were not qualified. When the native concentration was four times greater than the spiking concentration, no qualification was required.

- Certain boron, lithium, selenium, vanadium, and zinc results from SDGs 680-263740-1, 680-262261-1, 680-262300-1, 680-262251-1, 680-262298-1, were qualified as non-detect (U) when the analyte was detected at a similar level in an associated blank sample. As shown in Table 2, if the original sample results were below the reporting limit (RL), the results were qualified as non-detect (U) and the RL was reported as the result. If the original sample results were greater than the RL, the original results were reported as the new RL and were U qualified.

WSP reviewed the data from samples collected at Plant Scherer CCR Cell 1, PAC Ash, and Cell 3 between February 17 and April 23, 2025 in accordance with the analytical methods, the laboratory specific QC criteria, and the guidelines.

REFERENCE

Paar, J.G. & Porterfield, D.R. Evaluation of Radiochemical Data Usability. United States Department of Energy, Office of Environmental Restoration and Waste Management, Oak Ridge National Laboratory, April 1997.

US EPA, November 2020, National Functional Guidelines for Inorganic Superfund Methods Data Review, Office of Superfund Remediation and Technology Innovation. OLEM 9240.0-51 [EPA 540-R-20-005]. Washington. DC, November 2020.

USEPA, September 2011, Region 4, Science and Ecosystem Support Division, Quality Assurance Section, MTSB, Data Validation Standard Operating Procedures for Contract Laboratory Program Inorganic Data By Inductively Coupled Plasma – Atomic Emission Spectroscopy and Inductively Coupled Plasma – Mass Spectroscopy, Revision 2.0.

USEPA, September 2011, Region 4, Science and Ecosystem Support Division, Quality Assurance Section, MTSB, Data Validation Standard Operating Procedures for Contract Laboratory Program Mercury Data By Cold Vapor Atomic Absorption, Revision 2.0.

TABLE 1

Sample Summary Table
SCS Plant Scherer

						Analyses									
SDGs	***Field Identification***	***Collection Date***	***Lab Identification***	***Matrix***	***QC Samples***	**Total Mercury (EPA 7470A)**	**Alkalinity (SM 2320B)**	**TDS (SM 2540C-2011)**	**Total Metals + Cations (EPA 6020B)**	**Anions (EPA 300.0)**	**Radium-226 (EPA 9315)**	**Radium-228 (EPA 9320)**	**Chemical Oxygen Demand (410.4)**	**Cyanide (4500 CN)**	**Total Organic Carbon (5310B)**
680-262185-1	SCH-GWC-6	02/24/25	680-262185-1	WG	-	X	X	X	X	X	-	-	-	-	-
680-262185-1	SCH-GWC-7	02/24/25	680-262185-2	WG	-	X	X	X	X	X	-	-	-	-	-
680-262185-1	SCH-GWC-8A	02/24/25	680-262185-3	WG	-	X	X	X	X	X	-	-	-	-	-
680-262185-1	SCH-GWC-9	02/24/25	680-262185-4	WG	-	X	X	X	X	X	-	-	-	-	-
680-262185-1	SCH-GWC-10	02/24/25	680-262185-5	WG	-	X	X	X	X	X	-	-	-	-	-
680-262185-1	SCH-GWC-11	02/24/25	680-262185-6	WG	-	X	X	X	X	X	-	-	-	-	-
680-262185-1	SCH-GWC-12	02/24/25	680-262185-7	WG	-	X	X	X	X	X	-	-	-	-	-
680-262185-1	SCH-GWC-13	02/24/25	680-262185-8	WG	-	X	X	X	X	X	-	-	-	-	-
680-262185-1	SCH-CELL1-FD-5	02/24/25	680-262185-9	WG	FD (SCH-GWC-10)	X	X	X	X	X	-	-	-	-	-
680-262185-1	SCH-CELL1-FD-6	02/24/25	680-262185-10	WG	FD (SCH-GWC-9)	X	X	X	X	X	-	-	-	-	-
680-262255-1	SCH-GWA-16	2/25/2025	680-262255-1	WG	-	X	X	X	X	X	-	-	-	-	-
680-262255-1	SCH-GWC-4	2/25/2025	680-262255-2	WG	-	X	X	X	X	X	-	-	-	-	-
680-262255-1	SCH-GWC-3	2/25/2025	680-262255-3	WG	-	X	X	X	X	X	-	-	-	-	-
680-262255-1	SCH-GWC-20	2/25/2025	680-262255-4	WG	-	X	X	X	X	X	-	-	-	-	-
680-262255-1	SCH-GWC-2	2/25/2025	680-262255-5	WG	-	X	X	X	X	X	-	-	-	-	-
680-262255-1	SCH-GWA-15	2/25/2025	680-262255-6	WG	-	X	X	X	X	X	-	-	-	-	-
680-262255-1	SCH-GWC-1	2/25/2025	680-262255-7	WG	-	X	X	X	X	X	-	-	-	-	-
680-262255-1	SCH-GWC-14	2/25/2025	680-262255-8	WG	-	X	X	X	X	X	-	-	-	-	-
680-262255-1	SCH-CELL1-EB-5	2/25/2025	680-262255-9	WQ	EB (SCH-GWC-3)	X	X	X	X	X	-	-	-	-	-
680-262255-1	SCH-CELL1-FB-5	2/25/2025	680-262255-10	WQ	FB (SCH-GWC-4)	X	X	X	X	X	-	-	-	-	-
680-262255-1	SCH-CELL1-EB-6	2/25/2025	680-262255-11	WQ	EB (SCH-GWC-18)	X	X	X	X	X	-	-	-	-	-
680-262255-1	SCH-CELL1-FB-6	2/25/2025	680-262255-12	WQ	FB (SCH-GWC-14)	X	X	X	X	X	-	-	-	-	-
680-262255-1	SCH-GWC-18	2/25/2025	680-262255-13	WG	-	X	X	X	X	X	-	-	-	-	-
680-262255-1	SCH-GWC-5	2/25/2025	680-262255-14	WG	-	X	X	X	X	X	-	-	-	-	-
680-262255-1	SCH-GWC-19	2/25/2025	680-262255-15	WG		X	X	X	X	X	-	-	-	-	-
680-262296-1	SCH-GWA-17	2/27/2025	680-262296-1	WG	-	X	X	X	X	X	-	-	-	-	-
680-263740-1	SCH-GWC-3	4/23/2025	680-263740-1	WG	-	-	-	-	-	X	-	-	-	-	-
680-263740-1	SCH-GWC-4	4/22/2025	680-263740-2	WG	-	-	-	X	X	X	-	-	-	-	-
680-263740-1	SCH-GWC-6	4/22/2025	680-263740-3	WG	-	-	-	-	X	X	-	-	-	-	-
680-263740-1	SCH-GWC-19	4/22/2025	680-263740-4	WG	-	-	-	-	X	-	-	-	-	-	-
680-263740-1	SCH-CELL1-FD-1	4/22/2025	680-263740-5	WG	FD (SCH-GWC-4)	-	-	X	X	X	-	-	-	-	-
680-263740-1	SCH-CELL1-FB-1	4/22/2025	680-263740-6	WQ	FB (SCH-GWC-4)	-	-	X	X	X	-	-	-	-	-
680-263740-1	SCH-CELL1-EB-1	4/22/2025	680-263740-7	WQ	EB (SCH-GWC-4)	-	-	X	X	X	-	-	-	-	-
680-262184-1	SCH-GWA-39	2/24/2025	680-262184-1	WG	-	X	X	X	X	X	-	-	-	-	-
680-262184-1	SCH-GWA-40	2/24/2025	680-262184-2	WG	-	X	X	X	X	X	-	-	-	-	-
680-262261-1	SCH-GWC-38	2/25/2025	680-262261-1	WG	-	X	X	X	X	X	-	-	-	-	-
680-262261-1	SCH-GWC-37	2/25/2025	680-262261-2	WG	-	X	X	X	X	X	-	-	-	-	-
680-262261-1	SCH-GWC-35	2/25/2025	680-262261-3	WG	-	X	X	X	X	X	-	-	-	-	-
680-262261-1	SCH-GWC-34	2/25/2025	680-262261-4	WG	-	X	X	X	X	X	-	-	-	-	-
680-262261-1	SCH-GWC-33A	2/25/2025	680-262261-5	WG	-	X	X	X	X	X	-	-	-	-	-
680-262261-1	SCH-GWC-32	2/25/2025	680-262261-6	WG	-	X	X	X	X	X	-	-	-	-	-
680-262261-1	SCH-GWC-31	2/25/2025	680-262261-7	WG	-	X	X	X	X	X	-	-	-	-	-
680-262261-1	SCH-CELL3-FD-9	2/25/2025	680-262261-8	WG	FD (SCH-GWC-35)	X	X	X	X	X	-	-	-	-	-
680-262261-1	SCH-CELL3-FD-10	2/25/2025	680-262261-9	WG	FD (SCH-GWC-32)	X	X	X	X	X	-	-	-	-	-

TABLE 1

Sample Summary Table
SCS Plant Scherer

						Analyses									
SDGs	***Field Identification***	***Collection Date***	***Lab Identification***	***Matrix***	***QC Samples***	**Total Mercury (EPA 7470A)**	**Alkalinity (SM 2320B)**	**TDS (SM 2540C-2011)**	**Total Metals + Cations (EPA 6020B)**	**Anions (EPA 300.0)**	**Radium-226 (EPA 9315)**	**Radium-228 (EPA 9320)**	**Chemical Oxygen Demand (410.4)**	**Cyanide (4500 CN)**	**Total Organic Carbon (5310B)**
680-262261-2	SCH-GWC-38	2/25/2025	680-262261-1	WG	-	-	-	-	-	-	X	X	-	-	-
680-262261-2	SCH-GWC-37	2/25/2025	680-262261-2	WG	-	-	-	-	-	-	X	X	-	-	-
680-262261-2	SCH-GWC-35	2/25/2025	680-262261-3	WG	-	-	-	-	-	-	X	X	-	-	-
680-262261-2	SCH-GWC-34	2/25/2025	680-262261-4	WG	-	-	-	-	-	-	X	X	-	-	-
680-262261-2	SCH-GWC-33A	2/25/2025	680-262261-5	WG	-	-	-	-	-	-	X	X	-	-	-
680-262261-2	SCH-GWC-32	2/25/2025	680-262261-6	WG	-	-	-	-	-	-	X	X	-	-	-
680-262261-2	SCH-GWC-31	2/25/2025	680-262261-7	WG	-	-	-	-	-	-	X	X	-	-	-
680-262261-2	SCH-CELL3-FD-9	2/25/2025	680-262261-8	WG	FD (SCH-GWC-35)	-	-	-	-	-	X	X	-	-	-
680-262261-2	SCH-CELL3-FD-10	2/25/2025	680-262261-9	WG	FD (SCH-GWC-32)	-	-	-	-	-	X	X	-	-	-
680-262300-1	SCH-GWC-30	2/26/2025	680-262300-1	WG	-	X	X	X	X	X	-	-	-	-	-
680-262300-1	SCH-GWC-36	2/26/2025	680-262300-2	WG	-	X	X	X	X	X	-	-	-	-	-
680-262300-1	SCH-GWA-41	2/26/2025	680-262300-3	WG	-	X	X	X	X	X	-	-	-	-	-
680-262300-1	SCH-GWA-42	2/26/2025	680-262300-4	WG	-	X	X	X	X	X	-	-	-	-	-
680-262300-1	SCH-GWA-43	2/26/2025	680-262300-5	WG	-	X	X	X	X	X	-	-	-	-	-
680-262300-1	SCH-GWA-44A	2/26/2025	680-262300-6	WG	-	X	X	X	X	X	-	-	-	-	-
680-262300-1	SCH-GWA-54	2/26/2025	680-262300-7	WG	-	X	X	X	X	X	-	-	-	-	-
680-262300-1	SCH-CELL3-EB-9	2/26/2025	680-262300-8	WQ	EB (SCH-GWC-36)	X	X	X	X	X	-	-	-	-	-
680-262300-1	SCH-CELL3-FB-9	2/26/2025	680-262300-9	WQ	FB (SCH-GWA-44A)	X	X	X	X	X	-	-	-	-	-
680-262300-1	SCH-CELL3-EB-10	2/26/2025	680-262300-10	WQ	EB (SCH-GWA-43)	X	X	X	X	X	-	-	-	-	-
680-262300-1	SCH-CELL3-FB-10	2/26/2025	680-262300-11	WQ	FB (SCH-GWA-43)	X	X	X	X	X	-	-	-	-	-
680-262300-2	SCH-GWC-30	2/26/2025	680-262300-1	WG		-	-	-	-	-	X	X	-	-	-
680-262300-2	SCH-GWC-36	2/26/2025	680-262300-2	WG		-	-	-	-	-	X	X	-	-	-
680-262300-2	SCH-GWA-41	2/26/2025	680-262300-3	WG		-	-	-	-	-	X	X	-	-	-
680-262300-2	SCH-GWA-42	2/26/2025	680-262300-4	WG		-	-	-	-	-	X	X	-	-	-
680-262300-2	SCH-GWA-43	2/26/2025	680-262300-5	WG		-	-	-	-	-	X	X	-	-	-
680-262300-2	SCH-GWA-44A	2/26/2025	680-262300-6	WG		-	-	-	-	-	X	X	-	-	-
680-262300-2	SCH-GWA-54	2/26/2025	680-262300-7	WG		-	-	-	-	-	X	X	-	-	-
680-262300-2	SCH-CELL3-EB-9	2/26/2025	680-262300-8	WQ	EB (SCH-GWC-36)	-	-	-	-	-	X	X	-	-	-
680-262300-2	SCH-CELL3-FB-9	2/26/2025	680-262300-9	WQ	FB (SCH-GWC-44A)	-	-	-	-	-	X	X	-	-	-
680-262300-2	SCH-CELL3-EB-10	2/26/2025	680-262300-10	WQ	EB (SCH-GWA-43)	-	-	-	-	-	X	X	-	-	-
680-262300-2	SCH-CELL3-FB-10	2/26/2025	680-262300-11	WQ	FB (SCH-GWA-43)	-	-	-	-	-	X	X	-	-	-
680-262184-2	SCH-GWA-39	2/24/2025	680-262184-2	WG	-	-	-	-	-	-	X	X	-	-	-
680-262184-2	SCH-GWA-40	2/24/2025	680-262184-2	WG	-	-	-	-	-	-	X	X	-	-	-
680-262251-1	SCH-GWA-22	2/25/2025	680-262251-1	WG	-	X	X	X	X	X	-	-	-	-	-
680-262251-1	SCH-GWA-21	2/25/2025	680-262251-2	WG	-	X	X	X	X	X	-	-	-	-	-
680-262251-1	SCH-GWC-53	2/25/2025	680-262251-3	WG	-	X	X	X	X	X	-	-	-	-	-
680-262251-1	SCH-PAC-FD-7	2/25/2025	680-262251-4	WG	FD (SCH-GWC-53)	X	X	X	X	X	-	-	-	-	-
680-262298-1	SCH-GWC-29	2/26/2025	680-262298-1	WG	-	X	X	X	X	X	-	-	-	-	-
680-262298-1	SCH-GWA-45	2/26/2025	680-262298-2	WG	-	X	X	X	X	X	-	-	-	-	-
680-262298-1	SCH-GWA-46	2/26/2025	680-262298-3	WG	-	X	X	X	X	X	-	-	-	-	-
680-262298-1	SCH-GWA-47	2/26/2025	680-262298-4	WG	-	X	X	X	X	X	-	-	-	-	-
680-262298-1	SCH-GWA-48	2/26/2025	680-262298-5	WG	-	X	X	X	X	X	-	-	-	-	-
680-262298-1	SCH-GWA-49	2/26/2025	680-262298-6	WG	-	X	X	X	X	X	-	-	-	-	-
680-262298-1	SCH-GWC-50	2/26/2025	680-262298-7	WG	-	X	X	X	X	X	-	-	-	-	-

TABLE 1

Sample Summary Table
SCS Plant Scherer

						Analyses									
SDGs	***Field Identification***	***Collection Date***	***Lab Identification***	***Matrix***	***QC Samples***	**Total Mercury (EPA 7470A)**	**Alkalinity (SM 2320B)**	**TDS (SM 2540C-2011)**	**Total Metals + Cations (EPA 6020B)**	**Anions (EPA 300.0)**	**Radium-226 (EPA 9315)**	**Radium-228 (EPA 9320)**	**Chemical Oxygen Demand (410.4)**	**Cyanide (4500 CN)**	**Total Organic Carbon (5310B)**
680-262298-1	SCH-GWC-51	2/26/2025	680-262298-8	WG	-	X	X	X	X	X	-	-	-	-	-
680-262298-1	SCH-GWC-52	2/26/2025	680-262298-9	WG	-	X	X	X	X	X	-	-	-	-	-
680-262298-1	SCH-PAC-FB-7	2/26/2025	680-262298-10	WQ	FB (SCH-GWC-51)	X	X	X	X	X	-	-	-	-	-
680-262298-1	SCH-PAC-EB-7	2/26/2025	680-262298-11	WQ	EB (SCH-GWA-45)	X	X	X	X	X	-	-	-	-	-
680-262298-1	SCH-PAC-FD-8	2/26/2025	680-262298-12	WG	FD (SCH-GWC-50)	X	X	X	X	X	-	-	-	-	-
680-262298-1	SCH-PAC-FB-8	2/26/2025	680-262298-13	WQ	FB (SCH-GWA-49)	X	X	X	X	X	-	-	-	-	-
680-262298-1	SCH-PAC-EB-8	2/26/2025	680-262298-14	WQ	EB (SCH-GWA-46)	X	X	X	X	X	-	-	-	-	-
680-262295-1	SCH-FGD-EFFLUENT	2/27/2025	680-262295-1	WL	-	X	-	-	X	-	-	-	-	-	-
680-261991-1	SCH-SWA-1	2/17/2025	680-261991-1	WS	-	X	X	X	X	X	-	-	X	X	X
680-261991-1	SCH-SWA-2	2/17/2025	680-261991-2	WS	-	X	X	X	X	X	-	-	X	X	X
680-261991-1	SCH-SWA-3	2/17/2025	680-261991-3	WS	-	X	X	X	X	X	-	-	X	X	X
680-261991-1	SCH-SWC-4	2/17/2025	680-261991-4	WS	-	X	X	X	X	X	-	-	-	-	-
680-261991-1	SCH-SWC-6	2/17/2025	680-261991-5	WS	-	X	X	X	X	X	-	-	-	-	-
680-261991-1	SCH-SWC-7	2/17/2025	680-261991-6	WS	-	X	X	X	X	X	-	-	X	X	X
680-261991-1	SCH-SWC-8	2/17/2025	680-261991-7	WS	-	X	X	X	X	X	-	-	X	-	-

Abbreviations:
SDG- Sample Delivery Group
QC - Quality Control
WG - Groundwater
WS - Surface water
WL - Effluent
WQ - Water quality control
FD - Field Duplicate
TDS - Total Dissolved Solids
EPA- Environmental Protection Agency
SM- Standard Methods

TABLE 2
Qualifier Summary Table
SCS Plant Scherer

SDG	Sample Name	Constituent	New Result	New RL or MDC	Qualifier	Reason
680-262185-1	SCH-GWC-7	Sulfate	-	-	J-	MS/MSD below 10% recovery
680-262185-1	SCH-GWC-7	Fluoride	-	-	UR	MS/MSD below 10% recovery
680-262185-1	SCH-GWC-7	Chloride	-	-	J-	MS/MSD below 10% recovery
680-262185-1	SCH-CELL1-FD-6	Fluoride	-	-	UJ	MS below QC criteria
680-262255-1	SCH-GWC-1	Sulfate	-	-	J	MS and RPD outside QC criteria
680-262255-1	SCH-GWC-1	Fluoride	-	-	UJ	MS and RPD outside QC criteria
680-262255-1	SCH-GWC-1	Chloride	-	-	J	MS and RPD outside QC criteria
680-263740-1	SCH-GWC-4	Selenium	-	0.0091	U	Method blank contamination
680-263740-1	SCH-CELL1-FD-1	Selenium	-	0.0081	U	Method blank contamination
680-263740-1	SCH-GWC-4	Chloride	-	-	J+	MS recovery outside of QC limits
680-262261-1	SCH-GWC-38	Selenium	0.005	-	U	Method blank contamination
680-262261-1	SCH-GWC-31	Selenium	0.005	-	U	Method blank contamination
680-262261-1	SCH-GWC-37	Sulfate	-	-	UJ	MS/MSD recovery below QC criteria
680-262261-1	SCH-GWC-37	Fluoride	-	-	UJ	MS/MSD recovery below QC criteria
680-262261-1	SCH-GWC-37	Chloride	-	-	J+	MS/MSD recovery above QC criteria
680-262261-1	SCH-CELL3-FD-9	Chloride	-	-	J+	MS/MSD recovery above QC criteria
680-262261-1	SCH-GWC-31	Silver	-	-	UJ	MS/MSD recovery below QC criteria
680-262261-1	SCH-CELL3-FD-10	Sulfate	-	-	J	Field Duplicate absolute difference criteria exceeded
680-262261-1	SCH-GWC-32	Sulfate	-	-	J	Field Duplicate absolute difference criteria exceeded
680-262261-1	SCH-CELL3-FD-10	Fluoride	-	-	J	Field Duplicate absolute difference criteria exceeded
680-262261-1	SCH-GWC-32	Fluoride	-	-	UJ	Field Duplicate absolute difference criteria exceeded
680-262261-1	SCH-CELL3-FD-10	Chloride	-	-	J	Field Duplicate absolute difference criteria exceeded
680-262261-1	SCH-GWC-32	Chloride	-	-	J	Field Duplicate absolute difference criteria exceeded
680-262300-1	SCH-GWA-43	Vanadium	-	0.0059	U	Equipment and field blank contamination
680-262300-1	SCH-GWA-43	Boron	0.08	-	U	Field blank contamination
680-262300-1	SCH-GWC-36	Vanadium	-	0.0059	U	Equipment blank contamination
680-262300-1	SCH-GWC-36	Zinc	-	0.0059	U	Equipment blank contamination
680-262300-1	SCH-GWA-44A	Vanadium	-	0.013	U	Field blank contamination
680-262300-1	SCH-GWA-42	Lithium	0.005	-	U	Method blank contamination
680-262300-1	SCH-GWA-54	Lithium	0.005	-	U	Method blank contamination
680-262300-1	SCH-GWA-42	Magnesium	-	-	J-	MS/MSD recovery below QC criteria
680-262300-1	SCH-GWA-42	Sodium	-	-	J-	MS/MSD recovery below QC criteria
680-262251-1	SCH-GWC-53	Selenium	0.005	-	U	Method blank contamination
680-262251-1	SCH-GWA-22	Sulfate	-	-	UJ	MS/MSD recovery below QC criteria
680-262251-1	SCH-GWA-22	Fluoride	-	-	UJ	MS/MSD recovery below QC criteria
680-262251-1	SCH-GWA-22	Chloride	-	-	J-	MS/MSD recovery below QC criteria
680-262251-1	SCH-PAC-FD-7	Total Alkalinity as CaCO3 to pH 4.5	-	-	J	Field & Lab duplicate RPD criteria exceeded

TABLE 2
Qualifier Summary Table
SCS Plant Scherer

SDG	*Sample Name*	*Constituent*	*New Result*	*New RL or MDC*	*Qualifier*	*Reason*
680-262251-1	SCH-PAC-FD-7	Bicarbonate Alkalinity as CaCO3	-	-	J	Field & Lab duplicate RPD criteria exceeded
680-262251-1	SCH-GWC-53	Total Alkalinity as CaCO3 to pH 4.5	-	-	J	Field duplicate RPD criteria exceeded
680-262251-1	SCH-GWC-53	Bicarbonate Alkalinity as CaCO3	-	-	J	Field duplicate RPD criteria exceeded
680-262298-1	SCH-GWC-51	Vanadium	-	0.01	U	Field Blank contamination
680-262298-1	SCH-GWA-45	Vanadium	-	0.0082	U	Equipment Blank contamination
680-262298-1	SCH-GWA-46	Vanadium	-	0.0069	U	Field Blank contamination
680-262298-1	SCH-GWA-49	Vanadium	-	0.026	U	Equipment Blank contamination
680-262298-1	SCH-GWA-47	Chloride	-	-	J-	MS/MSD recovery below QC criteria
680-262298-1	SCH-GWA-47	Fluoride	-	-	UJ	MS/MSD recovery below QC criteria
680-262298-1	SCH-GWA-47	Sulfate	-	-	UJ	MS/MSD recovery below QC criteria
680-262298-1	SCH-PAC-FD-8	Chloride	-	-	J	MS/MSD and RPD outside QC criteria, Field duplicate exceeds RPD criteria
680-262298-1	SCH-PAC-FD-8	Fluoride	-	-	UJ	MS/MSD and RPD outside QC criteria
680-262298-1	SCH-PAC-FD-8	Sulfate	-	-	UJ	MS/MSD and RPD outside QC criteria
680-262298-1	SCH-GWC-52	Chloride	-	-	J-	MS recovery below QC criteria
680-262298-1	SCH-GWC-52	Fluoride	-	-	UJ	MS/MSD and RPD outside QC criteria
680-262298-1	SCH-PAC-FD-8	Vanadium	-	-	J	Field duplicate RPD criteria exceeded
680-262298-1	SCH-GWC-50	Vanadium	-	-	J	Field duplicate RPD criteria exceeded
680-262298-1	SCH-GWC-50	Chloride	-	-	J	Field duplicate RPD criteria exceeded

Abbreviations:
RL : Reporting limit
MDC : Minimum detectable concentration
SDG : Sample delivery group
RPD: Relative Percent Difference
MS: Matrix Spike
MSD: Matrix Spike Duplicate
QC: Quality control

Qualifiers:
UR: Rejected, non-detect
J-: Estimated, bias low
J+: Estimated, bias high
J: Estimated
UJ: Estimated, non-detect

APPENDIX B

Laboratory Accreditation



State of Florida
Department of Health, Bureau of Public Health Laboratories
This is to certify that

E87052

EUROFINS SAVANNAH
5102 LAROCHE AVENUE
SAVANNAH, GA 31404

has complied with Florida Administrative Code 64E-1,
for the examination of environmental samples in the following categories

DRINKING WATER - GROUP I UNREGULATED CONTAMINANTS, DRINKING WATER - GROUP II UNREGULATED CONTAMINANTS, DRINKING WATER - GROUP III UNREGULATED CONTAMINANTS, DRINKING WATER - PRIMARY INORGANIC CONTAMINANTS, DRINKING WATER - SECONDARY INORGANIC CONTAMINANTS, DRINKING WATER - SYNTHETIC ORGANIC CONTAMINANTS, NON-POTABLE WATER - EXTRACTABLE ORGANICS, NON-POTABLE WATER - GENERAL CHEMISTRY, NON-POTABLE WATER - METALS, NON-POTABLE WATER - MICROBIOLOGY, NON-POTABLE WATER - PESTICIDES-HERBICIDES-PCB'S, NON-POTABLE WATER - VOLATILE ORGANICS, SOLID AND CHEMICAL MATERIALS - EXTRACTABLE ORGANICS, SOLID AND CHEMICAL MATERIALS - GENERAL CHEMISTRY, SOLID AND CHEMICAL MATERIALS - METALS, SOLID AND CHEMICAL MATERIALS - PESTICIDES-HERBICIDES-PCB'S, SOLID AND CHEMICAL MATERIALS - VOLATILE ORGANICS

Continued certification is contingent upon successful on-going compliance with the NELAC Standards and FAC Rule 64E-1 regulations. Specific methods and analytes certified are cited on the Laboratory Scope of Accreditation for this laboratory and are on file at the Bureau of Public Health Laboratories, P. O. Box 210, Jacksonville, Florida 32231. Clients and customers are urged to verify with this agency the laboratory's certification status in Florida for particular methods and analytes.

Date Issued: July 01, 2024 Expiration Date: June 30, 2025

Marie-Claire Rowlinson, PhD, D(ABMM)
Bureau of Public Health Laboratories
DH Form 1697, 7/04
NON-TRANSFERABLE E87052-83-07/01/2024
Supersedes all previously issued certificates

Laboratory Scope of Accreditation

Attachment to Certificate #: E87052-83, expiration date June 30, 2025. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: E87052 EPA Lab Code: GA00006 (912) 354-7858

E87052
Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Matrix: Drinking Water

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
5180	1,2,3-Trichloropropane	EPA 504.1	10082801	Group II Unregulated Contaminants	4/18/2011
4570	1,2-Dibromo-3-chloropropane (DBCP)	EPA 504.1	10082801	Synthetic Organic Contaminants	2/6/2002
4585	1,2-Dibromoethane (EDB, Ethylene dibromide)	EPA 504.1	10082801	Synthetic Organic Contaminants	2/6/2002
9490	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic Acid (11-ClPF3OUdS)	EPA 533	10091619	Group III Unregulated Contaminants	6/16/2023
9490	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic Acid (11-ClPF3OUdS)	EPA 537.1	10091642	Group III Unregulated Contaminants	6/16/2023
6948	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2 FTS)	EPA 533	10091619	Group III Unregulated Contaminants	6/16/2023
6946	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	EPA 533	10091619	Group III Unregulated Contaminants	6/16/2023
6947	1H,1H,2H,2H-Perfluoro-octanesulfonic Acid (6:2 FTS)	EPA 533	10091619	Group III Unregulated Contaminants	6/16/2023
6951	4,8-Dioxa-3H-perfluorononanoic Acid (ADONA)	EPA 533	10091619	Group III Unregulated Contaminants	6/16/2023
6951	4,8-Dioxa-3H-perfluorononanoic Acid (ADONA)	EPA 537.1	10091642	Group III Unregulated Contaminants	6/16/2023
6952	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic Acid (9-ClPF3ONS)	EPA 533	10091619	Group III Unregulated Contaminants	6/16/2023
6952	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic Acid (9-ClPF3ONS)	EPA 537.1	10091642	Group III Unregulated Contaminants	6/16/2023
1505	Alkalinity as CaCO3	SM 2320 B-2011	20045618	Primary Inorganic Contaminants	1/31/2024
1000	Aluminum	EPA 200.7	10013806	Secondary Inorganic Contaminants	6/17/2003
1000	Aluminum	EPA 200.8	10014605	Secondary Inorganic Contaminants	6/17/2003
1510	Amenable cyanide	SM 4500-CN^- G-2016	20097238	Primary Inorganic Contaminants	1/31/2024
1005	Antimony	EPA 200.8	10014605	Primary Inorganic Contaminants	6/24/2003
1010	Arsenic	EPA 200.8	10014605	Primary Inorganic Contaminants	6/24/2003
1015	Barium	EPA 200.7	10013806	Primary Inorganic Contaminants	2/6/2002
1015	Barium	EPA 200.8	10014605	Primary Inorganic Contaminants	6/24/2003
1020	Beryllium	EPA 200.7	10013806	Primary Inorganic Contaminants	2/6/2002
1020	Beryllium	EPA 200.8	10014605	Primary Inorganic Contaminants	6/24/2003
1025	Boron	EPA 200.7	10013806	Secondary Inorganic Contaminants	12/2/2010
1535	Bromate	EPA 300.1	10275602	Primary Inorganic Contaminants	9/5/2002
1540	Bromide	EPA 300.1	10275602	Primary Inorganic Contaminants	10/17/2003
9312	Bromoacetic acid	EPA 552.2	10095804	Group I Unregulated Contaminants	9/5/2002
1030	Cadmium	EPA 200.7	10013806	Primary Inorganic Contaminants	2/6/2002
1030	Cadmium	EPA 200.8	10014605	Primary Inorganic Contaminants	6/24/2003
1035	Calcium	EPA 200.7	10013806	Primary Inorganic Contaminants	2/6/2002
1570	Chlorate	EPA 300.1	10275602	Secondary Inorganic Contaminants	7/30/2007
1575	Chloride	EPA 300.0	10053200	Secondary Inorganic Contaminants	2/6/2002
1575	Chloride	EPA 325.2	10057202	Secondary Inorganic Contaminants	2/6/2002

Laboratory Scope of Accreditation

Attachment to Certificate #: E87052-83, expiration date June 30, 2025. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: E87052 EPA Lab Code: GA00006 (912) 354-7858

E87052
Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Matrix: Drinking Water

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
1575	Chloride	SM 4500-Cl^- E-2011	20086811	Secondary Inorganic Contaminants	1/31/2024
1595	Chlorite	EPA 300.1	10275602	Primary Inorganic Contaminants	12/2/2005
9336	Chloroacetic acid	EPA 552.2	10095804	Group I Unregulated Contaminants	9/5/2002
1040	Chromium	EPA 200.7	10013806	Primary Inorganic Contaminants	2/6/2002
1040	Chromium	EPA 200.8	10014605	Primary Inorganic Contaminants	6/24/2003
1605	Color	EPA 110.2	10005604	Secondary Inorganic Contaminants	2/6/2002
1605	Color	SM 2120 B-2011	20039310	Secondary Inorganic Contaminants	1/31/2024
1610	Conductivity	SM 2510 B-2011	20048617	Primary Inorganic Contaminants	1/31/2024
1055	Copper	EPA 200.7	10013806	Primary Inorganic Contaminants,Secondary Inorganic Contaminants	2/6/2002
1055	Copper	EPA 200.8	10014605	Primary Inorganic Contaminants,Secondary Inorganic Contaminants	6/24/2003
1620	Corrosivity (langlier index)	SM 2330 B	20003207	Secondary Inorganic Contaminants	2/6/2002
1635	Cyanide	EPA 335.4	10061402	Primary Inorganic Contaminants	2/6/2002
9357	Dibromoacetic acid	EPA 552.2	10095804	Group I Unregulated Contaminants	9/5/2002
9360	Dichloroacetic acid	EPA 552.2	10095804	Group I Unregulated Contaminants	9/5/2002
1710	Dissolved organic carbon (DOC)	SM 5310 B-2014	20137831	Primary Inorganic Contaminants	1/31/2024
1730	Fluoride	EPA 300.0	10053200	Primary Inorganic Contaminants,Secondary Inorganic Contaminants	2/6/2002
1750	Hardness	EPA 130.2	10007202	Secondary Inorganic Contaminants	11/18/2008
1750	Hardness	SM 2340 B-2011	20046611	Secondary Inorganic Contaminants	1/31/2024
1750	Hardness	SM 2340 C	20047603	Secondary Inorganic Contaminants	11/18/2008
9460	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA, GenX)	EPA 533	10091619	Group III Unregulated Contaminants	6/16/2023
9460	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA, GenX)	EPA 537.1	10091642	Group III Unregulated Contaminants	6/16/2023
1070	Iron	EPA 200.7	10013806	Secondary Inorganic Contaminants	2/6/2002
1075	Lead	EPA 200.8	10014605	Primary Inorganic Contaminants	6/24/2003
1085	Magnesium	EPA 200.7	10013806	Secondary Inorganic Contaminants	2/6/2002
1090	Manganese	EPA 200.7	10013806	Secondary Inorganic Contaminants	2/6/2002
1090	Manganese	EPA 200.8	10014605	Secondary Inorganic Contaminants	6/24/2003
1095	Mercury	EPA 200.8	10014605	Primary Inorganic Contaminants	6/24/2003
1095	Mercury	EPA 245.1	10036609	Primary Inorganic Contaminants	6/24/2003
1100	Molybdenum	EPA 200.7	10013806	Secondary Inorganic Contaminants	12/2/2005
1100	Molybdenum	EPA 200.8	10014605	Secondary Inorganic Contaminants	6/23/2010
4846	N-Ethylperfluorooctane sulfonamido acetic acid (NEtFOSAA)	EPA 537.1	10091642	Group III Unregulated Contaminants	6/16/2023

Laboratory Scope of Accreditation

Attachment to Certificate #: E87052-83, expiration date June 30, 2025. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: E87052 EPA Lab Code: GA00006 (912) 354-7858

E87052
Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Matrix: Drinking Water

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
1105	Nickel	EPA 200.7	10013806	Primary Inorganic Contaminants	2/6/2002
1105	Nickel	EPA 200.8	10014605	Primary Inorganic Contaminants	6/24/2003
1805	Nitrate	EPA 353.2	10067604	Primary Inorganic Contaminants	2/6/2002
1835	Nitrite	EPA 300.0	10053200	Primary Inorganic Contaminants	2/6/2002
4847	N-Methylperfluorooctane sulfonamido acetic acid (NMeFOSAA)	EPA 537.1	10091642	Group III Unregulated Contaminants	6/16/2023
6956	Nonafluoro-3,6-dioxaheptanoic Acid (NFDHA)	EPA 533	10091619	Group III Unregulated Contaminants	6/16/2023
1870	Orthophosphate as P	EPA 365.1	10070005	Primary Inorganic Contaminants	12/2/2005
1870	Orthophosphate as P	SM 4500-P F-2011	20125024	Primary Inorganic Contaminants	1/31/2024
6957	Perfluoro(2-ethoxyethane) Sulfonic Acid (PFEESA)	EPA 533	10091619	Group III Unregulated Contaminants	6/16/2023
6965	Perfluoro-3-methoxypropanoic Acid (PFMPA)	EPA 533	10091619	Group III Unregulated Contaminants	6/16/2023
6966	Perfluoro-4-methoxybutanoic Acid (PFMBA)	EPA 533	10091619	Group III Unregulated Contaminants	6/16/2023
6911	Perfluorobutane Sulfonate (PFBS)	EPA 533	10091619	Group III Unregulated Contaminants	6/16/2023
6911	Perfluorobutane Sulfonate (PFBS)	EPA 537.1	10091642	Group III Unregulated Contaminants	6/16/2023
6919	Perfluorobutanoate (PFBA)	EPA 533	10091619	Group III Unregulated Contaminants	6/16/2023
6921	Perfluorodecanoate (PFDA)	EPA 533	10091619	Group III Unregulated Contaminants	6/16/2023
6921	Perfluorodecanoate (PFDA)	EPA 537.1	10091642	Group III Unregulated Contaminants	6/16/2023
6903	Perfluorododecanoic Acid (PFDoA)	EPA 533	10091619	Group III Unregulated Contaminants	6/16/2023
6903	Perfluorododecanoic Acid (PFDoA)	EPA 537.1	10091642	Group III Unregulated Contaminants	6/16/2023
6925	Perfluoroheptane Sulfonate (PFHpS)	EPA 533	10091619	Group III Unregulated Contaminants	6/16/2023
6926	Perfluoroheptanoate (PFHpA)	EPA 533	10091619	Group III Unregulated Contaminants	6/16/2023
6926	Perfluoroheptanoate (PFHpA)	EPA 537.1	10091642	Group III Unregulated Contaminants	6/16/2023
6927	Perfluorohexane Sulfonic Acid (PFHxS)	EPA 533	10091619	Group III Unregulated Contaminants	6/16/2023
6927	Perfluorohexane Sulfonic Acid (PFHxS)	EPA 537.1	10091642	Group III Unregulated Contaminants	6/16/2023
6928	Perfluorohexanoate (PFHxA)	EPA 533	10091619	Group III Unregulated Contaminants	6/16/2023
6928	Perfluorohexanoate (PFHxA)	EPA 537.1	10091642	Group III Unregulated Contaminants	6/16/2023
6930	Perfluorononanoate (PFNA)	EPA 533	10091619	Group III Unregulated Contaminants	6/16/2023
6930	Perfluorononanoate (PFNA)	EPA 537.1	10091642	Group III Unregulated Contaminants	6/16/2023
6931	Perfluorooctane sulfonic acid (PFOS)	EPA 533	10091619	Group III Unregulated Contaminants	6/16/2023
6931	Perfluorooctane sulfonic acid (PFOS)	EPA 537.1	10091642	Group III Unregulated Contaminants	6/16/2023
6932	Perfluoro-octanoate (PFOA)	EPA 533	10091619	Group III Unregulated Contaminants	6/16/2023
6932	Perfluoro-octanoate (PFOA)	EPA 537.1	10091642	Group III Unregulated Contaminants	6/16/2023
6934	Perfluoropentane Sulfonic Acid (PFPeS)	EPA 533	10091619	Group III Unregulated Contaminants	6/16/2023
6935	Perfluoropentanoate (PFPeA)	EPA 533	10091619	Group III Unregulated Contaminants	6/16/2023
6902	Perfluorotetradecanoic acid (PFTDA)	EPA 537.1	10091642	Group III Unregulated Contaminants	6/16/2023
9563	Perfluorotridecanoic acid (PFTrDA)	EPA 537.1	10091642	Group III Unregulated Contaminants	6/16/2023

Laboratory Scope of Accreditation

Attachment to Certificate #: E87052-83, expiration date June 30, 2025. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: E87052 EPA Lab Code: GA00006 (912) 354-7858

E87052
Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Matrix: Drinking Water

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
6944	Perfluoroundecanoate (PFUnDA)	EPA 533	10091619	Group III Unregulated Contaminants	6/16/2023
6904	Perfluoroundecanoic acid (PFUnDA)	EPA 537.1	10091642	Group III Unregulated Contaminants	6/16/2023
1900	pH	EPA 150.1	10008409	Secondary Inorganic Contaminants,Primary Inorganic Contaminants	2/6/2002
1900	pH	SM 4500-H+ B-2011	20105220	Secondary Inorganic Contaminants	1/31/2024
1125	Potassium	EPA 200.7	10013806	Secondary Inorganic Contaminants	3/25/2003
1955	Residue-filterable (TDS)	EPA 160.1	10009208	Secondary Inorganic Contaminants	2/6/2002
1955	Residue-filterable (TDS)	SM 2540 C-2011	20050413	Secondary Inorganic Contaminants	1/31/2024
1140	Selenium	EPA 200.8	10014605	Primary Inorganic Contaminants	6/24/2003
1990	Silica as SiO2	EPA 200.7	10013806	Primary Inorganic Contaminants	10/5/2020
1150	Silver	EPA 200.7	10013806	Secondary Inorganic Contaminants	2/6/2002
1150	Silver	EPA 200.8	10014605	Secondary Inorganic Contaminants	6/24/2003
1155	Sodium	EPA 200.7	10013806	Primary Inorganic Contaminants	2/6/2002
2000	Sulfate	EPA 300.0	10053200	Primary Inorganic Contaminants,Secondary Inorganic Contaminants	2/6/2002
2000	Sulfate	EPA 375.4	10073800	Secondary Inorganic Contaminants	2/6/2002
1165	Thallium	EPA 200.8	10014605	Primary Inorganic Contaminants	6/24/2003
1645	Total cyanide	SM 4500-CN^- E-2016	20096439	Primary Inorganic Contaminants	1/31/2024
9414	Total haloacetic acids (HAA5)	EPA 552.2	10095804	Synthetic Organic Contaminants	12/2/2005
1825	Total nitrate-nitrite	EPA 300.0	10053200	Primary Inorganic Contaminants	2/6/2002
1825	Total nitrate-nitrite	EPA 353.2	10067604	Primary Inorganic Contaminants	2/6/2002
2040	Total organic carbon	SM 5310 B-2014	20137831	Primary Inorganic Contaminants	1/31/2024
9642	Trichloroacetic acid	EPA 552.2	10095804	Group I Unregulated Contaminants	9/5/2002
2055	Turbidity	EPA 180.1	10011800	Secondary Inorganic Contaminants	2/6/2002
2055	Turbidity	SM 2130 B-2011	20048220	Secondary Inorganic Contaminants	1/31/2024
2060	UV 254	SM 5910 B	20146401	Primary Inorganic Contaminants	12/2/2005
1185	Vanadium	EPA 200.7	10013806	Secondary Inorganic Contaminants	12/2/2005
1185	Vanadium	EPA 200.8	10014605	Secondary Inorganic Contaminants	3/19/2012
1190	Zinc	EPA 200.7	10013806	Secondary Inorganic Contaminants	12/2/2010
1190	Zinc	EPA 200.8	10014605	Secondary Inorganic Contaminants	6/24/2003

Laboratory Scope of Accreditation

Attachment to Certificate #: E87052-83, expiration date June 30, 2025. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: E87052 EPA Lab Code: GA00006 (912) 354-7858

E87052
Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Matrix: Non-Potable Water

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
5105	1,1,1,2-Tetrachloroethane	EPA 8260D	10307127	Volatile Organics	1/5/2024
5160	1,1,1-Trichloroethane	EPA 624.1	10298121	Volatile Organics	4/4/2018
5160	1,1,1-Trichloroethane	EPA 8260D	10307127	Volatile Organics	1/5/2024
5110	1,1,2,2-Tetrachloroethane	EPA 624.1	10298121	Volatile Organics	4/4/2018
5110	1,1,2,2-Tetrachloroethane	EPA 8260D	10307127	Volatile Organics	1/5/2024
5185	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	EPA 8260D	10307127	Volatile Organics	1/5/2024
5165	1,1,2-Trichloroethane	EPA 624.1	10298121	Volatile Organics	4/4/2018
5165	1,1,2-Trichloroethane	EPA 8260D	10307127	Volatile Organics	1/5/2024
4630	1,1-Dichloroethane	EPA 624.1	10298121	Volatile Organics	4/4/2018
4630	1,1-Dichloroethane	EPA 8260D	10307127	Volatile Organics	1/5/2024
4640	1,1-Dichloroethylene	EPA 624.1	10298121	Volatile Organics	4/4/2018
4640	1,1-Dichloroethylene	EPA 8260D	10307127	Volatile Organics	1/5/2024
4670	1,1-Dichloropropene	EPA 8260D	10307127	Volatile Organics	1/5/2024
5150	1,2,3-Trichlorobenzene	EPA 8260D	10307127	Volatile Organics	1/5/2024
5180	1,2,3-Trichloropropane	EPA 8260D	10307127	Volatile Organics	1/5/2024
5182	1,2,3-Trimethylbenzene	EPA 8260D	10307127	Volatile Organics	1/5/2024
6715	1,2,4,5-Tetrachlorobenzene	EPA 8270	10185203	Extractable Organics	7/1/2003
6715	1,2,4,5-Tetrachlorobenzene	EPA 8270E	10242543	Extractable Organics	1/5/2024
5155	1,2,4-Trichlorobenzene	EPA 625.1	10300024	Extractable Organics	4/4/2018
5155	1,2,4-Trichlorobenzene	EPA 8260D	10307127	Volatile Organics	1/5/2024
5155	1,2,4-Trichlorobenzene	EPA 8270	10185203	Extractable Organics	7/1/2003
5155	1,2,4-Trichlorobenzene	EPA 8270E	10242543	Extractable Organics	1/5/2024
5210	1,2,4-Trimethylbenzene	EPA 8260D	10307127	Volatile Organics	1/5/2024
4570	1,2-Dibromo-3-chloropropane (DBCP)	EPA 8011	10173009	Volatile Organics	7/1/2003
4570	1,2-Dibromo-3-chloropropane (DBCP)	EPA 8260D	10307127	Volatile Organics	1/5/2024
4585	1,2-Dibromoethane (EDB, Ethylene dibromide)	EPA 8011	10173009	Volatile Organics	7/1/2003
4585	1,2-Dibromoethane (EDB, Ethylene dibromide)	EPA 8260D	10307127	Volatile Organics	1/5/2024
4610	1,2-Dichlorobenzene	EPA 624.1	10298121	Volatile Organics	4/4/2018
4610	1,2-Dichlorobenzene	EPA 8260D	10307127	Volatile Organics	1/5/2024
4610	1,2-Dichlorobenzene	EPA 8270	10185203	Extractable Organics	7/1/2003
4610	1,2-Dichlorobenzene	EPA 8270E	10242543	Extractable Organics	1/5/2024
4635	1,2-Dichloroethane	EPA 624.1	10298121	Volatile Organics	4/4/2018
4635	1,2-Dichloroethane	EPA 8260D	10307127	Volatile Organics	1/5/2024
4655	1,2-Dichloropropane	EPA 624.1	10298121	Volatile Organics	4/4/2018
4655	1,2-Dichloropropane	EPA 8260D	10307127	Volatile Organics	1/5/2024

Laboratory Scope of Accreditation

Attachment to Certificate #: E87052-83, expiration date June 30, 2025. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: E87052 EPA Lab Code: GA00006 (912) 354-7858

E87052
Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Matrix: Non-Potable Water

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
6220	1,2-Diphenylhydrazine	EPA 8270	10185203	Extractable Organics	7/1/2003
6220	1,2-Diphenylhydrazine	EPA 8270E	10242543	Extractable Organics	1/5/2024
6411	1,2-Diphenylhydrazine (as Azobenzene)	EPA 625.1	10300024	Extractable Organics	12/4/2020
6800	1,3,5-Trichlorobenzene	EPA 8260D	10307127	Volatile Organics	1/5/2024
5215	1,3,5-Trimethylbenzene	EPA 8260D	10307127	Volatile Organics	1/5/2024
6885	1,3,5-Trinitrobenzene (1,3,5-TNB)	EPA 8270	10185203	Extractable Organics	7/1/2003
6885	1,3,5-Trinitrobenzene (1,3,5-TNB)	EPA 8270E	10242543	Extractable Organics	1/5/2024
4615	1,3-Dichlorobenzene	EPA 624.1	10298121	Volatile Organics	4/4/2018
4615	1,3-Dichlorobenzene	EPA 8260D	10307127	Volatile Organics	1/5/2024
4615	1,3-Dichlorobenzene	EPA 8270	10185203	Extractable Organics	7/1/2003
4615	1,3-Dichlorobenzene	EPA 8270E	10242543	Extractable Organics	1/5/2024
4660	1,3-Dichloropropane	EPA 8260D	10307127	Volatile Organics	1/5/2024
6160	1,3-Dinitrobenzene (1,3-DNB)	EPA 8270	10185203	Extractable Organics	7/1/2003
6160	1,3-Dinitrobenzene (1,3-DNB)	EPA 8270E	10242543	Extractable Organics	1/5/2024
4620	1,4-Dichlorobenzene	EPA 624.1	10298121	Volatile Organics	4/4/2018
4620	1,4-Dichlorobenzene	EPA 8260D	10307127	Volatile Organics	1/5/2024
4620	1,4-Dichlorobenzene	EPA 8270	10185203	Extractable Organics	7/1/2003
4620	1,4-Dichlorobenzene	EPA 8270E	10242543	Extractable Organics	1/5/2024
4735	1,4-Dioxane (1,4-Diethyleneoxide)	EPA 624.1	10298121	Volatile Organics	9/15/2022
4735	1,4-Dioxane (1,4-Diethyleneoxide)	EPA 8260D	10307127	Volatile Organics	1/5/2024
4735	1,4-Dioxane (1,4-Diethyleneoxide)	EPA 8270	10185203	Volatile Organics	7/1/2003
4735	1,4-Dioxane (1,4-Diethyleneoxide)	EPA 8270E	10242543	Extractable Organics	1/5/2024
6420	1,4-Naphthoquinone	EPA 8270	10185203	Extractable Organics	7/1/2003
6420	1,4-Naphthoquinone	EPA 8270E	10242543	Extractable Organics	1/5/2024
6630	1,4-Phenylenediamine	EPA 8270	10185203	Extractable Organics	7/1/2003
6630	1,4-Phenylenediamine	EPA 8270E	10242543	Extractable Organics	1/5/2024
9490	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic Acid (11-ClPF3OUdS)	EPA 1633	10123463	Extractable Organics	1/31/2024
4510	1-Chlorohexane	EPA 8260D	10307127	Volatile Organics	1/5/2024
6948	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2 FTS)	EPA 1633	10123463	Extractable Organics	1/31/2024
6946	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	EPA 1633	10123463	Extractable Organics	1/31/2024
6947	1H,1H,2H,2H-Perfluoro-octanesulfonic Acid (6:2 FTS)	EPA 1633	10123463	Extractable Organics	1/31/2024
6380	1-Methylnaphthalene	EPA 8270	10185203	Extractable Organics	7/30/2007
6380	1-Methylnaphthalene	EPA 8270E	10242543	Extractable Organics	1/5/2024
6425	1-Naphthylamine	EPA 8270	10185203	Extractable Organics	7/1/2003

Laboratory Scope of Accreditation

Attachment to Certificate #: E87052-83, expiration date June 30, 2025. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: E87052 EPA Lab Code: GA00006 (912) 354-7858

E87052
Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Matrix: Non-Potable Water

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
6425	1-Naphthylamine	EPA 8270E	10242543	Extractable Organics	1/5/2024
4665	2,2-Dichloropropane	EPA 8260D	10307127	Volatile Organics	1/5/2024
4659	2,2'-Oxybis(1-chloropropane),bis(2-Chloro-1-methylethyl)ether (fka bis(2-Chloroisopropyl) ether	EPA 625.1	10300024	Extractable Organics	4/4/2018
4659	2,2'-Oxybis(1-chloropropane),bis(2-Chloro-1-methylethyl)ether (fka bis(2-Chloroisopropyl) ether	EPA 8270	10185203	Extractable Organics	7/1/2003
4659	2,2'-Oxybis(1-chloropropane),bis(2-Chloro-1-methylethyl)ether (fka bis(2-Chloroisopropyl) ether	EPA 8270E	10242543	Extractable Organics	1/5/2024
6735	2,3,4,6-Tetrachlorophenol	EPA 8270	10185203	Extractable Organics	7/1/2003
6735	2,3,4,6-Tetrachlorophenol	EPA 8270E	10242543	Extractable Organics	1/5/2024
8920	2,3-Dichlorobiphenyl (BZ 5)	EPA 625.1	10300024	Pesticides-Herbicides-PCB's	12/4/2020
8655	2,4,5-T	EPA 615	10105609	Pesticides-Herbicides-PCB's	2/6/2002
8655	2,4,5-T	EPA 8151A	10183207	Pesticides-Herbicides-PCB's	1/5/2024
9253	2,4,5-Trichlorobiphenyl (BZ 29)	EPA 625.1	10300024	Pesticides-Herbicides-PCB's	12/4/2020
6835	2,4,5-Trichlorophenol	EPA 8270	10185203	Extractable Organics	7/1/2003
6835	2,4,5-Trichlorophenol	EPA 8270E	10242543	Extractable Organics	1/5/2024
6840	2,4,6-Trichlorophenol	EPA 625.1	10300024	Extractable Organics	4/4/2018
6840	2,4,6-Trichlorophenol	EPA 8270	10185203	Extractable Organics	7/1/2003
6840	2,4,6-Trichlorophenol	EPA 8270E	10242543	Extractable Organics	1/5/2024
8545	2,4-D	EPA 615	10105609	Pesticides-Herbicides-PCB's	2/6/2002
8545	2,4-D	EPA 8151A	10183207	Pesticides-Herbicides-PCB's	1/5/2024
8560	2,4-DB	EPA 615	10105609	Pesticides-Herbicides-PCB's	2/6/2002
8560	2,4-DB	EPA 8151A	10183207	Pesticides-Herbicides-PCB's	1/5/2024
6000	2,4-Dichlorophenol	EPA 625.1	10300024	Extractable Organics	4/4/2018
6000	2,4-Dichlorophenol	EPA 8270	10185203	Extractable Organics	7/1/2003
6000	2,4-Dichlorophenol	EPA 8270E	10242543	Extractable Organics	1/5/2024
6130	2,4-Dimethylphenol	EPA 625.1	10300024	Extractable Organics	4/4/2018
6130	2,4-Dimethylphenol	EPA 8270	10185203	Extractable Organics	7/1/2003
6130	2,4-Dimethylphenol	EPA 8270E	10242543	Extractable Organics	1/5/2024
6175	2,4-Dinitrophenol	EPA 625.1	10300024	Extractable Organics	4/4/2018
6175	2,4-Dinitrophenol	EPA 8270	10185203	Extractable Organics	7/1/2003
6175	2,4-Dinitrophenol	EPA 8270E	10242543	Extractable Organics	1/5/2024
6185	2,4-Dinitrotoluene (2,4-DNT)	EPA 625.1	10300024	Extractable Organics	4/4/2018
6185	2,4-Dinitrotoluene (2,4-DNT)	EPA 8270	10185203	Extractable Organics	7/1/2003
6185	2,4-Dinitrotoluene (2,4-DNT)	EPA 8270E	10242543	Extractable Organics	1/5/2024
6005	2,6-Dichlorophenol	EPA 8270	10185203	Extractable Organics	7/1/2003

Laboratory Scope of Accreditation

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State Laboratory ID: E87052 EPA Lab Code: GA00006 (912) 354-7858

E87052
Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Matrix: Non-Potable Water

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
6190	2,6-Dinitrotoluene (2,6-DNT)	EPA 625.1	10300024	Extractable Organics	4/4/2018
6190	2,6-Dinitrotoluene (2,6-DNT)	EPA 8270	10185203	Extractable Organics	7/1/2003
6190	2,6-Dinitrotoluene (2,6-DNT)	EPA 8270E	10242543	Extractable Organics	1/5/2024
5515	2-Acetylaminofluorene	EPA 8270	10185203	Extractable Organics	7/1/2003
5515	2-Acetylaminofluorene	EPA 8270E	10242543	Extractable Organics	1/5/2024
4410	2-Butanone (Methyl ethyl ketone, MEK)	EPA 8260D	10307127	Volatile Organics	1/5/2024
4500	2-Chloroethyl vinyl ether	EPA 624.1	10298121	Volatile Organics	4/4/2018
4500	2-Chloroethyl vinyl ether	EPA 8260D	10307127	Volatile Organics	1/5/2024
5795	2-Chloronaphthalene	EPA 625.1	10300024	Extractable Organics	4/4/2018
5795	2-Chloronaphthalene	EPA 8270	10185203	Extractable Organics	7/1/2003
5795	2-Chloronaphthalene	EPA 8270E	10242543	Extractable Organics	1/5/2024
5800	2-Chlorophenol	EPA 625.1	10300024	Extractable Organics	4/4/2018
5800	2-Chlorophenol	EPA 8270	10185203	Extractable Organics	7/1/2003
5800	2-Chlorophenol	EPA 8270E	10242543	Extractable Organics	1/5/2024
4535	2-Chlorotoluene	EPA 8260D	10307127	Volatile Organics	1/5/2024
5866	2-Ethoxyethanol (Ethyl Cellusolve)	EPA 8270E	10242543	Extractable Organics	1/5/2024
9340	2H,2H,3H,3H-Perfluorodecanoic Acid (7:3 FTCA)	EPA 1633	10123463	Extractable Organics	1/31/2024
9338	2H,2H,3H,3H-Perfluorooctanoic Acid (5:3 FTCA)	EPA 1633	10123463	Extractable Organics	1/31/2024
4860	2-Hexanone	EPA 8260D	10307127	Volatile Organics	1/5/2024
6360	2-Methyl-4,6-dinitrophenol	EPA 625.1	10300024	Extractable Organics	4/4/2018
6360	2-Methyl-4,6-dinitrophenol	EPA 8270	10185203	Extractable Organics	7/1/2003
6360	2-Methyl-4,6-dinitrophenol	EPA 8270E	10242543	Extractable Organics	1/5/2024
6385	2-Methylnaphthalene	EPA 8260D	10307127	Volatile Organics	1/5/2024
6385	2-Methylnaphthalene	EPA 8270	10185203	Extractable Organics	7/1/2003
6385	2-Methylnaphthalene	EPA 8270E	10242543	Extractable Organics	1/5/2024
6400	2-Methylphenol (o-Cresol)	EPA 8270	10185203	Extractable Organics	7/1/2003
6400	2-Methylphenol (o-Cresol)	EPA 8270E	10242543	Extractable Organics	1/5/2024
6430	2-Naphthylamine	EPA 8270	10185203	Extractable Organics	7/30/2007
6430	2-Naphthylamine	EPA 8270E	10242543	Extractable Organics	1/5/2024
6460	2-Nitroaniline	EPA 8270	10185203	Extractable Organics	7/1/2003
6460	2-Nitroaniline	EPA 8270E	10242543	Extractable Organics	1/5/2024
6490	2-Nitrophenol	EPA 625.1	10300024	Extractable Organics	4/4/2018
6490	2-Nitrophenol	EPA 8270	10185203	Extractable Organics	7/1/2003
6490	2-Nitrophenol	EPA 8270E	10242543	Extractable Organics	1/5/2024
5020	2-Nitropropane	EPA 8260D	10307127	Volatile Organics	1/5/2024

Laboratory Scope of Accreditation

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State Laboratory ID: E87052 EPA Lab Code: GA00006 (912) 354-7858

E87052
Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Matrix: Non-Potable Water

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
5045	2-Pentanone	EPA 8015C	10173816	Volatile Organics	1/5/2024
5050	2-Picoline (2-Methylpyridine)	EPA 8270	10185203	Extractable Organics	7/1/2003
5050	2-Picoline (2-Methylpyridine)	EPA 8270E	10242543	Extractable Organics	1/5/2024
5945	3,3'-Dichlorobenzidine	EPA 625.1	10300024	Extractable Organics	4/4/2018
5945	3,3'-Dichlorobenzidine	EPA 8270	10185203	Extractable Organics	7/1/2003
5945	3,3'-Dichlorobenzidine	EPA 8270E	10242543	Extractable Organics	1/5/2024
6103	3,3-Dimethyl-1-butanol	EPA 8260D	10307127	Volatile Organics	1/5/2024
6120	3,3'-Dimethylbenzidine	EPA 8270	10185203	Extractable Organics	7/1/2003
6120	3,3'-Dimethylbenzidine	EPA 8270E	10242543	Extractable Organics	1/5/2024
8600	3,5-Dichlorobenzoic acid	EPA 8151A	10183207	Pesticides-Herbicides-PCB's	1/5/2024
6412	3/4-Methylphenols (m/p-Cresols)	EPA 8270	10185203	Extractable Organics	11/18/2008
6412	3/4-Methylphenols (m/p-Cresols)	EPA 8270E	10242543	Extractable Organics	1/5/2024
6355	3-Methylcholanthrene	EPA 8270	10185203	Extractable Organics	7/30/2007
6355	3-Methylcholanthrene	EPA 8270E	10242543	Extractable Organics	1/5/2024
6465	3-Nitroaniline	EPA 8270	10185203	Extractable Organics	7/1/2003
6465	3-Nitroaniline	EPA 8270E	10242543	Extractable Organics	1/5/2024
9353	4,4,5,5,6,6,6-Heptafluorohexanoic Acid (3:3 FTCA)	EPA 1633	10123463	Extractable Organics	1/31/2024
7355	4,4'-DDD	EPA 608.3	10296614	Pesticides-Herbicides-PCB's	4/4/2018
7355	4,4'-DDD	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	1/5/2024
7360	4,4'-DDE	EPA 608.3	10296614	Pesticides-Herbicides-PCB's	4/4/2018
7360	4,4'-DDE	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	1/5/2024
7365	4,4'-DDT	EPA 608.3	10296614	Pesticides-Herbicides-PCB's	4/4/2018
7365	4,4'-DDT	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	1/5/2024
6951	4,8-Dioxa-3H-perfluorononanoic Acid (ADONA)	EPA 1633	10123463	Extractable Organics	1/31/2024
5540	4-Aminobiphenyl	EPA 8270	10185203	Extractable Organics	7/1/2003
5540	4-Aminobiphenyl	EPA 8270E	10242543	Extractable Organics	1/5/2024
5660	4-Bromophenyl phenyl ether	EPA 625.1	10300024	Extractable Organics	4/4/2018
5660	4-Bromophenyl phenyl ether	EPA 8270	10185203	Extractable Organics	7/1/2003
5700	4-Chloro-3-methylphenol	EPA 625.1	10300024	Extractable Organics	4/4/2018
5700	4-Chloro-3-methylphenol	EPA 8270	10185203	Extractable Organics	7/1/2003
5700	4-Chloro-3-methylphenol	EPA 8270E	10242543	Extractable Organics	1/5/2024
5745	4-Chloroaniline	EPA 8270	10185203	Extractable Organics	7/1/2003
5745	4-Chloroaniline	EPA 8270E	10242543	Extractable Organics	1/5/2024
5825	4-Chlorophenyl phenylether	EPA 625.1	10300024	Extractable Organics	4/4/2018
5825	4-Chlorophenyl phenylether	EPA 8270	10185203	Extractable Organics	7/1/2003

Laboratory Scope of Accreditation

Attachment to Certificate #: E87052-83, expiration date June 30, 2025. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: E87052 EPA Lab Code: GA00006 (912) 354-7858

E87052
Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Matrix: Non-Potable Water

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
5825	4-Chlorophenyl phenylether	EPA 8270E	10242543	Extractable Organics	1/5/2024
4540	4-Chlorotoluene	EPA 8260D	10307127	Volatile Organics	1/5/2024
6105	4-Dimethyl aminoazobenzene	EPA 8270	10185203	Extractable Organics	7/1/2003
6105	4-Dimethyl aminoazobenzene	EPA 8270E	10242543	Extractable Organics	1/5/2024
4995	4-Methyl-2-pentanone (MIBK)	EPA 8260D	10307127	Volatile Organics	1/5/2024
6470	4-Nitroaniline	EPA 8270	10185203	Extractable Organics	7/1/2003
6470	4-Nitroaniline	EPA 8270E	10242543	Extractable Organics	1/5/2024
6500	4-Nitrophenol	EPA 625.1	10300024	Extractable Organics	4/4/2018
6500	4-Nitrophenol	EPA 8270	10185203	Extractable Organics	7/1/2003
6500	4-Nitrophenol	EPA 8270E	10242543	Extractable Organics	1/5/2024
6510	4-Nitroquinoline 1-oxide	EPA 8270	10185203	Extractable Organics	7/1/2003
6510	4-Nitroquinoline 1-oxide	EPA 8270E	10242543	Extractable Organics	1/5/2024
6570	5-Nitro-o-toluidine	EPA 8270	10185203	Extractable Organics	7/1/2003
6570	5-Nitro-o-toluidine	EPA 8270E	10242543	Extractable Organics	1/5/2024
6115	7,12-Dimethylbenz(a) anthracene	EPA 8270	10185203	Extractable Organics	7/1/2003
6115	7,12-Dimethylbenz(a) anthracene	EPA 8270E	10242543	Extractable Organics	1/5/2024
6952	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic Acid (9-ClPF3ONS)	EPA 1633	10123463	Extractable Organics	1/31/2024
6125	a,a-Dimethylphenethylamine	EPA 8270	10185203	Extractable Organics	7/1/2003
6125	a,a-Dimethylphenethylamine	EPA 8270E	10242543	Extractable Organics	1/5/2024
5500	Acenaphthene	EPA 625.1	10300024	Extractable Organics	4/4/2018
5500	Acenaphthene	EPA 8270	10185203	Extractable Organics	7/1/2003
5500	Acenaphthene	EPA 8270E	10242543	Extractable Organics	1/5/2024
5505	Acenaphthylene	EPA 625.1	10300024	Extractable Organics	4/4/2018
5505	Acenaphthylene	EPA 8270	10185203	Extractable Organics	7/1/2003
5505	Acenaphthylene	EPA 8270E	10242543	Extractable Organics	1/5/2024
4315	Acetone	EPA 8260D	10307127	Volatile Organics	1/5/2024
4320	Acetonitrile	EPA 8260D	10307127	Volatile Organics	1/5/2024
5510	Acetophenone	EPA 8270	10185203	Extractable Organics	7/1/2003
5510	Acetophenone	EPA 8270E	10242543	Extractable Organics	1/5/2024
8505	Acifluorfen	EPA 8151A	10183207	Pesticides-Herbicides-PCB's	1/5/2024
4325	Acrolein (Propenal)	EPA 624.1	10298121	Volatile Organics	4/4/2018
4325	Acrolein (Propenal)	EPA 8260D	10307127	Volatile Organics	1/5/2024
4330	Acrylamide	EPA 8316	10188202	Volatile Organics	9/20/2017
4335	Acrylic acid	SOP SA-LC-074	60048159	Volatile Organics	9/20/2017
4340	Acrylonitrile	EPA 624.1	10298121	Volatile Organics	4/4/2018
4340	Acrylonitrile	EPA 8260D	10307127	Volatile Organics	1/5/2024

Laboratory Scope of Accreditation

Attachment to Certificate #: E87052-83, expiration date June 30, 2025. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: E87052 EPA Lab Code: GA00006 (912) 354-7858

E87052
Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Matrix: Non-Potable Water

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
4345	Adsorbable organic halogens (AOX)	EPA 1650	10125005	General Chemistry	2/6/2002
7025	Aldrin	EPA 608.3	10296614	Pesticides-Herbicides-PCB's	4/4/2018
7025	Aldrin	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	1/5/2024
1505	Alkalinity as CaCO3	EPA 310.1	10054805	General Chemistry	2/6/2002
1505	Alkalinity as CaCO3	SM 2320 B-2011	20045618	General Chemistry	1/31/2024
4350	Allyl alcohol	EPA 8015C	10173816	Volatile Organics	1/5/2024
4355	Allyl chloride (3-Chloropropene)	EPA 8260D	10307127	Volatile Organics	1/5/2024
7110	alpha-BHC (alpha-Hexachlorocyclohexane)	EPA 608.3	10296614	Pesticides-Herbicides-PCB's	4/4/2018
7110	alpha-BHC (alpha-Hexachlorocyclohexane)	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	1/5/2024
7240	alpha-Chlordane	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	1/5/2024
1000	Aluminum	EPA 200.7	10013806	Metals	2/6/2002
1000	Aluminum	EPA 200.8	10014605	Metals	10/17/2003
1000	Aluminum	EPA 6010D	10155950	Metals	1/5/2024
1000	Aluminum	EPA 6020B	10156420	Metals	1/5/2024
1510	Amenable cyanide	EPA 335.1	10060001	General Chemistry	2/6/2002
1510	Amenable cyanide	EPA 9012B	10243228	General Chemistry	1/5/2024
1510	Amenable cyanide	SM 4500-CN^- G-2016	20097238	General Chemistry	1/31/2024
1515	Ammonia as N	EPA 350.1	10063602	General Chemistry	2/6/2002
5545	Aniline	EPA 8270	10185203	Extractable Organics	7/1/2003
5545	Aniline	EPA 8270E	10242543	Extractable Organics	1/5/2024
5555	Anthracene	EPA 625.1	10300024	Extractable Organics	4/4/2018
5555	Anthracene	EPA 8270	10185203	Extractable Organics	7/1/2003
5555	Anthracene	EPA 8270E	10242543	Extractable Organics	1/5/2024
1005	Antimony	EPA 200.7	10013806	Metals	2/6/2002
1005	Antimony	EPA 200.8	10014605	Metals	10/17/2003
1005	Antimony	EPA 6010D	10155950	Metals	1/5/2024
1005	Antimony	EPA 6020B	10156420	Metals	1/5/2024
5560	Aramite	EPA 8270	10185203	Extractable Organics	7/1/2003
5560	Aramite	EPA 8270E	10242543	Extractable Organics	1/5/2024
8880	Aroclor-1016 (PCB-1016)	EPA 608.3	10296614	Pesticides-Herbicides-PCB's	4/4/2018
8880	Aroclor-1016 (PCB-1016)	EPA 8082A	10179358	Pesticides-Herbicides-PCB's	1/5/2024
8885	Aroclor-1221 (PCB-1221)	EPA 608.3	10296614	Pesticides-Herbicides-PCB's	4/4/2018
8885	Aroclor-1221 (PCB-1221)	EPA 8082A	10179358	Pesticides-Herbicides-PCB's	1/5/2024
8890	Aroclor-1232 (PCB-1232)	EPA 608.3	10296614	Pesticides-Herbicides-PCB's	4/4/2018
8890	Aroclor-1232 (PCB-1232)	EPA 8082A	10179358	Pesticides-Herbicides-PCB's	1/5/2024
8895	Aroclor-1242 (PCB-1242)	EPA 608.3	10296614	Pesticides-Herbicides-PCB's	4/4/2018

Laboratory Scope of Accreditation

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State Laboratory ID: E87052 EPA Lab Code: GA00006 (912) 354-7858

E87052
Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Matrix: Non-Potable Water

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
8895	Aroclor-1242 (PCB-1242)	EPA 8082A	10179358	Pesticides-Herbicides-PCB's	1/5/2024
8900	Aroclor-1248 (PCB-1248)	EPA 608.3	10296614	Pesticides-Herbicides-PCB's	4/4/2018
8900	Aroclor-1248 (PCB-1248)	EPA 8082A	10179358	Pesticides-Herbicides-PCB's	1/5/2024
8905	Aroclor-1254 (PCB-1254)	EPA 608.3	10296614	Pesticides-Herbicides-PCB's	4/4/2018
8905	Aroclor-1254 (PCB-1254)	EPA 8082A	10179358	Pesticides-Herbicides-PCB's	1/5/2024
8910	Aroclor-1260 (PCB-1260)	EPA 608.3	10296614	Pesticides-Herbicides-PCB's	4/4/2018
8910	Aroclor-1260 (PCB-1260)	EPA 8082A	10179358	Pesticides-Herbicides-PCB's	1/5/2024
8912	Aroclor-1262 (PCB-1262)	EPA 8082A	10179358	Pesticides-Herbicides-PCB's	1/5/2024
8913	Aroclor-1268 (PCB-1268)	EPA 8082A	10179358	Pesticides-Herbicides-PCB's	1/5/2024
1010	Arsenic	EPA 200.7	10013806	Metals	2/6/2002
1010	Arsenic	EPA 200.8	10014605	Metals	10/17/2003
1010	Arsenic	EPA 6010D	10155950	Metals	1/5/2024
1010	Arsenic	EPA 6020B	10156420	Metals	1/5/2024
7065	Atrazine	EPA 8270	10185203	Pesticides-Herbicides-PCB's	12/4/2020
7065	Atrazine	EPA 8270E	10242543	Pesticides-Herbicides-PCB's	1/5/2024
1015	Barium	EPA 200.7	10013806	Metals	2/6/2002
1015	Barium	EPA 200.8	10014605	Metals	10/17/2003
1015	Barium	EPA 6010D	10155950	Metals	1/5/2024
1015	Barium	EPA 6020B	10156420	Metals	1/5/2024
8530	Bentazon	EPA 8151A	10183207	Pesticides-Herbicides-PCB's	1/5/2024
5570	Benzaldehyde	EPA 8270	10185203	Extractable Organics	12/4/2020
5570	Benzaldehyde	EPA 8270E	10242543	Extractable Organics	1/5/2024
4375	Benzene	EPA 624.1	10298121	Volatile Organics	4/4/2018
4375	Benzene	EPA 8260D	10307127	Volatile Organics	1/5/2024
5595	Benzidine	EPA 625.1	10300024	Extractable Organics	4/4/2018
5595	Benzidine	EPA 8270	10185203	Extractable Organics	7/1/2003
5595	Benzidine	EPA 8270E	10242543	Extractable Organics	1/5/2024
5575	Benzo(a)anthracene	EPA 625.1	10300024	Extractable Organics	4/4/2018
5575	Benzo(a)anthracene	EPA 8270	10185203	Extractable Organics	7/1/2003
5575	Benzo(a)anthracene	EPA 8270E	10242543	Extractable Organics	1/5/2024
5580	Benzo(a)pyrene	EPA 625.1	10300024	Extractable Organics	4/4/2018
5580	Benzo(a)pyrene	EPA 8270	10185203	Extractable Organics	7/1/2003
5580	Benzo(a)pyrene	EPA 8270E	10242543	Extractable Organics	1/5/2024
5585	Benzo(b)fluoranthene	EPA 625.1	10300024	Extractable Organics	4/4/2018
5585	Benzo(b)fluoranthene	EPA 8270	10185203	Extractable Organics	7/1/2003
5585	Benzo(b)fluoranthene	EPA 8270E	10242543	Extractable Organics	1/5/2024

Laboratory Scope of Accreditation

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State Laboratory ID: E87052 EPA Lab Code: GA00006 (912) 354-7858

E87052
Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Matrix: Non-Potable Water

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
5605	Benzo(e)pyrene	EPA 8270E	10242543	Extractable Organics	1/5/2024
5590	Benzo(g,h,i)perylene	EPA 625.1	10300024	Extractable Organics	4/4/2018
5590	Benzo(g,h,i)perylene	EPA 8270	10185203	Extractable Organics	7/1/2003
5590	Benzo(g,h,i)perylene	EPA 8270E	10242543	Extractable Organics	1/5/2024
5600	Benzo(k)fluoranthene	EPA 625.1	10300024	Extractable Organics	4/4/2018
5600	Benzo(k)fluoranthene	EPA 8270	10185203	Extractable Organics	7/1/2003
5600	Benzo(k)fluoranthene	EPA 8270E	10242543	Extractable Organics	1/5/2024
5610	Benzoic acid	EPA 8270	10185203	Extractable Organics	7/1/2003
5610	Benzoic acid	EPA 8270E	10242543	Extractable Organics	1/5/2024
5630	Benzyl alcohol	EPA 8270	10185203	Extractable Organics	7/1/2003
5630	Benzyl alcohol	EPA 8270E	10242543	Extractable Organics	1/5/2024
5635	Benzyl chloride	EPA 8260D	10307127	Volatile Organics	1/5/2024
1020	Beryllium	EPA 200.7	10013806	Metals	2/6/2002
1020	Beryllium	EPA 200.8	10014605	Metals	10/17/2003
1020	Beryllium	EPA 6010D	10155950	Metals	1/5/2024
1020	Beryllium	EPA 6020B	10156420	Metals	1/5/2024
7115	beta-BHC (beta-Hexachlorocyclohexane)	EPA 608.3	10296614	Pesticides-Herbicides-PCB's	4/4/2018
7115	beta-BHC (beta-Hexachlorocyclohexane)	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	1/5/2024
1530	Biochemical oxygen demand	EPA 405.1	10075602	General Chemistry	2/6/2002
1530	Biochemical oxygen demand	SM 5210 B-2016	20135039	General Chemistry	1/31/2024
6703	Biphenyl (1,1-Biphenyl, BZ 0)	EPA 8270	10185203	Extractable Organics	12/4/2020
6703	Biphenyl (1,1-Biphenyl, BZ 0)	EPA 8270E	10242543	Extractable Organics	1/5/2024
5760	bis(2-Chloroethoxy)methane	EPA 625.1	10300024	Extractable Organics	4/4/2018
5760	bis(2-Chloroethoxy)methane	EPA 8270	10185203	Extractable Organics	7/1/2003
5760	bis(2-Chloroethoxy)methane	EPA 8270E	10242543	Extractable Organics	1/5/2024
5765	bis(2-Chloroethyl) ether	EPA 625.1	10300024	Extractable Organics	4/4/2018
5765	bis(2-Chloroethyl) ether	EPA 8270	10185203	Extractable Organics	7/1/2003
5765	bis(2-Chloroethyl) ether	EPA 8270E	10242543	Extractable Organics	1/5/2024
1025	Boron	EPA 200.7	10013806	Metals	2/6/2002
1025	Boron	EPA 200.8	10014605	Metals	1/10/2023
1025	Boron	EPA 6010D	10155950	Metals	1/5/2024
1025	Boron	EPA 6020B	10156420	Metals	1/5/2024
1535	Bromate	EPA 300.0	10053200	General Chemistry	3/22/2013
1535	Bromate	EPA 300.1	10275602	General Chemistry	7/30/2007
1540	Bromide	EPA 300.0	10053200	General Chemistry	2/6/2002
1540	Bromide	EPA 300.1	10275602	General Chemistry	7/30/2007

Laboratory Scope of Accreditation

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E87052
Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Matrix: Non-Potable Water

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
1540	Bromide	EPA 9056A	10199607	General Chemistry	1/5/2024
4385	Bromobenzene	EPA 8260D	10307127	Volatile Organics	1/5/2024
4390	Bromochloromethane	EPA 8260D	10307127	Volatile Organics	1/5/2024
4395	Bromodichloromethane	EPA 624.1	10298121	Volatile Organics	4/4/2018
4395	Bromodichloromethane	EPA 8260D	10307127	Volatile Organics	1/5/2024
4400	Bromoform	EPA 624.1	10298121	Volatile Organics	4/4/2018
4400	Bromoform	EPA 8260D	10307127	Volatile Organics	1/5/2024
5670	Butyl benzyl phthalate	EPA 625.1	10300024	Extractable Organics	4/4/2018
5670	Butyl benzyl phthalate	EPA 8270	10185203	Extractable Organics	7/1/2003
5670	Butyl benzyl phthalate	EPA 8270E	10242543	Extractable Organics	1/5/2024
1030	Cadmium	EPA 200.7	10013806	Metals	2/6/2002
1030	Cadmium	EPA 200.8	10014605	Metals	10/17/2003
1030	Cadmium	EPA 6010D	10155950	Metals	1/5/2024
1030	Cadmium	EPA 6020B	10156420	Metals	1/5/2024
1035	Calcium	EPA 200.7	10013806	Metals	2/6/2002
1035	Calcium	EPA 6010D	10155950	Metals	1/5/2024
1035	Calcium	EPA 6020B	10156420	Metals	1/5/2024
7180	Caprolactam	EPA 8270	10185203	Extractable Organics	12/4/2020
7180	Caprolactam	EPA 8270E	10242543	Extractable Organics	1/5/2024
5680	Carbazole	EPA 8270	10185203	Extractable Organics	7/1/2003
5680	Carbazole	EPA 8270E	10242543	Extractable Organics	1/5/2024
4450	Carbon disulfide	EPA 8260D	10307127	Volatile Organics	1/5/2024
4455	Carbon tetrachloride	EPA 624.1	10298121	Volatile Organics	4/4/2018
4455	Carbon tetrachloride	EPA 8260D	10307127	Volatile Organics	1/5/2024
1555	Carbonaceous BOD (CBOD)	SM 5210 B-2016	20135039	General Chemistry	1/31/2024
1565	Chemical oxygen demand	EPA 410.4	10077404	General Chemistry	2/6/2002
1565	Chemical oxygen demand	SM 5220-D-2011	20136816	General Chemistry	1/31/2024
8540	Chloramben	EPA 8151A	10183207	Pesticides-Herbicides-PCB's	1/5/2024
1570	Chlorate	EPA 300.1	10275602	General Chemistry	7/30/2007
7250	Chlordane (tech.)	EPA 608.3	10296614	Pesticides-Herbicides-PCB's	4/4/2018
7250	Chlordane (tech.)	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	1/5/2024
1575	Chloride	EPA 300.0	10053200	General Chemistry	2/6/2002
1575	Chloride	EPA 325.2	10057202	General Chemistry	2/6/2002
1575	Chloride	EPA 9056A	10199607	General Chemistry	1/5/2024
1575	Chloride	EPA 9251	10207406	General Chemistry	7/1/2003
1575	Chloride	SM 4500-Cl^- E-2011	20086811	General Chemistry	1/31/2024

Laboratory Scope of Accreditation

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E87052
Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Matrix: Non-Potable Water

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
1595	Chlorite	EPA 300.1	10275602	General Chemistry	7/30/2007
4475	Chlorobenzene	EPA 624.1	10298121	Volatile Organics	4/4/2018
4475	Chlorobenzene	EPA 8260D	10307127	Volatile Organics	1/5/2024
7260	Chlorobenzilate	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	1/5/2024
4485	Chloroethane	EPA 624.1	10298121	Volatile Organics	4/4/2018
4485	Chloroethane	EPA 8260D	10307127	Volatile Organics	1/5/2024
4505	Chloroform	EPA 624.1	10298121	Volatile Organics	4/4/2018
4505	Chloroform	EPA 8260D	10307127	Volatile Organics	1/5/2024
4525	Chloroprene	EPA 8260D	10307127	Volatile Organics	1/5/2024
1040	Chromium	EPA 200.7	10013806	Metals	2/6/2002
1040	Chromium	EPA 200.8	10014605	Metals	10/17/2003
1040	Chromium	EPA 6010D	10155950	Metals	1/5/2024
1040	Chromium	EPA 6020B	10156420	Metals	1/5/2024
1045	Chromium VI	EPA 7196A	10162400	Metals	1/5/2024
1045	Chromium VI	SM 3500-Cr B-2011	20066266	General Chemistry	1/31/2024
1045	Chromium VI	SM 3500-Cr D (18th/19th Ed.)/UV-VIS	20009001	General Chemistry	2/6/2002
5855	Chrysene	EPA 625.1	10300024	Extractable Organics	4/4/2018
5855	Chrysene	EPA 8270	10185203	Extractable Organics	7/1/2003
5855	Chrysene	EPA 8270E	10242543	Extractable Organics	1/5/2024
4645	cis-1,2-Dichloroethylene	EPA 8260D	10307127	Volatile Organics	1/5/2024
4680	cis-1,3-Dichloropropene	EPA 624.1	10298121	Volatile Organics	4/4/2018
4680	cis-1,3-Dichloropropene	EPA 8260D	10307127	Volatile Organics	1/5/2024
1050	Cobalt	EPA 200.7	10013806	Metals	2/6/2002
1050	Cobalt	EPA 200.8	10014605	Metals	10/17/2003
1050	Cobalt	EPA 6010D	10155950	Metals	1/5/2024
1050	Cobalt	EPA 6020B	10156420	Metals	1/5/2024
1605	Color	EPA 110.2	10005604	General Chemistry	2/6/2002
1605	Color	SM 2120 B-2011	20039310	General Chemistry	1/31/2024
1610	Conductivity	EPA 120.1	10006403	General Chemistry	2/6/2002
1610	Conductivity	EPA 9050A	10198808	General Chemistry	1/5/2024
1610	Conductivity	SM 2510 B-2011	20048617	General Chemistry	1/31/2024
1055	Copper	EPA 200.7	10013806	Metals	2/6/2002
1055	Copper	EPA 200.8	10014605	Metals	10/17/2003
1055	Copper	EPA 6010D	10155950	Metals	1/5/2024
1055	Copper	EPA 6020B	10156420	Metals	1/5/2024
1620	Corrosivity (langlier index)	SM 2330 B	20003207	General Chemistry	2/6/2002

Laboratory Scope of Accreditation

Attachment to Certificate #: E87052-83, expiration date June 30, 2025. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: E87052 EPA Lab Code: GA00006 (912) 354-7858

E87052
Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Matrix: Non-Potable Water

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
1635	Cyanide	EPA 335.4	10061402	General Chemistry	2/6/2002
4555	Cyclohexane	EPA 8260D	10307127	Volatile Organics	1/5/2024
8550	Dacthal (DCPA)	EPA 8151A	10183207	Pesticides-Herbicides-PCB's	1/5/2024
8555	Dalapon	EPA 615	10105609	Pesticides-Herbicides-PCB's	2/6/2002
8555	Dalapon	EPA 8151A	10183207	Pesticides-Herbicides-PCB's	1/5/2024
7105	delta-BHC	EPA 608.3	10296614	Pesticides-Herbicides-PCB's	4/4/2018
7105	delta-BHC	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	1/5/2024
6065	Di(2-ethylhexyl) phthalate (DEHP)	EPA 625.1	10300024	Extractable Organics	4/4/2018
6065	Di(2-ethylhexyl) phthalate (DEHP)	EPA 8270	10185203	Extractable Organics	7/1/2003
6065	Di(2-ethylhexyl) phthalate (DEHP)	EPA 8270E	10242543	Extractable Organics	1/5/2024
7405	Diallate	EPA 8270	10185203	Pesticides-Herbicides-PCB's	7/1/2003
7405	Diallate	EPA 8270E	10242543	Pesticides-Herbicides-PCB's	1/5/2024
5895	Dibenz(a,h)anthracene	EPA 625.1	10300024	Extractable Organics	4/4/2018
5895	Dibenz(a,h)anthracene	EPA 8270	10185203	Extractable Organics	7/1/2003
5895	Dibenz(a,h)anthracene	EPA 8270E	10242543	Extractable Organics	1/5/2024
5905	Dibenzofuran	EPA 8270	10185203	Extractable Organics	7/1/2003
5905	Dibenzofuran	EPA 8270E	10242543	Extractable Organics	1/5/2024
4575	Dibromochloromethane	EPA 624.1	10298121	Volatile Organics	4/4/2018
4575	Dibromochloromethane	EPA 8260D	10307127	Volatile Organics	1/5/2024
8595	Dicamba	EPA 615	10105609	Pesticides-Herbicides-PCB's	2/6/2002
8595	Dicamba	EPA 8151A	10183207	Pesticides-Herbicides-PCB's	1/5/2024
4625	Dichlorodifluoromethane	EPA 624.1	10298121	Volatile Organics	12/4/2020
8605	Dichloroprop (Dichlorprop)	EPA 615	10105609	Pesticides-Herbicides-PCB's	2/6/2002
8605	Dichloroprop (Dichlorprop)	EPA 8151A	10183207	Pesticides-Herbicides-PCB's	1/5/2024
7470	Dieldrin	EPA 608.3	10296614	Pesticides-Herbicides-PCB's	4/4/2018
7470	Dieldrin	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	1/5/2024
9369	Diesel range organics (DRO)	EPA 8015C	10173816	Extractable Organics	1/5/2024
4725	Diethyl ether	EPA 8260D	10307127	Volatile Organics	1/5/2024
6070	Diethyl phthalate	EPA 625.1	10300024	Extractable Organics	4/4/2018
6070	Diethyl phthalate	EPA 8270	10185203	Extractable Organics	7/1/2003
6070	Diethyl phthalate	EPA 8270E	10242543	Extractable Organics	1/5/2024
9375	Di-isopropylether (DIPE)	EPA 8260D	10307127	Volatile Organics	1/5/2024
7475	Dimethoate	EPA 8270	10185203	Pesticides-Herbicides-PCB's	7/1/2003
7475	Dimethoate	EPA 8270E	10242543	Pesticides-Herbicides-PCB's	1/5/2024
8332	Dimethomorph	EPA 8270E	10242543	Extractable Organics	1/5/2024
6135	Dimethyl phthalate	EPA 625.1	10300024	Extractable Organics	4/4/2018

Laboratory Scope of Accreditation

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State Laboratory ID: E87052 EPA Lab Code: GA00006 (912) 354-7858

E87052
Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Matrix: Non-Potable Water

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
6135	Dimethyl phthalate	EPA 8270	10185203	Extractable Organics	7/1/2003
5925	Di-n-butyl phthalate	EPA 625.1	10300024	Extractable Organics	4/4/2018
5925	Di-n-butyl phthalate	EPA 8270	10185203	Extractable Organics	7/1/2003
5925	Di-n-butyl phthalate	EPA 8270E	10242543	Extractable Organics	1/5/2024
6200	Di-n-octyl phthalate	EPA 625.1	10300024	Extractable Organics	4/4/2018
6200	Di-n-octyl phthalate	EPA 8270	10185203	Extractable Organics	7/1/2003
6200	Di-n-octyl phthalate	EPA 8270E	10242543	Extractable Organics	1/5/2024
8620	Dinoseb (2-sec-butyl-4,6-dinitrophenol, DNBP)	EPA 615	10105609	Pesticides-Herbicides-PCB's	2/6/2002
8620	Dinoseb (2-sec-butyl-4,6-dinitrophenol, DNBP)	EPA 8151A	10183207	Pesticides-Herbicides-PCB's	1/5/2024
8620	Dinoseb (2-sec-butyl-4,6-dinitrophenol, DNBP)	EPA 8270	10185203	Pesticides-Herbicides-PCB's	7/1/2003
8620	Dinoseb (2-sec-butyl-4,6-dinitrophenol, DNBP)	EPA 8270E	10242543	Pesticides-Herbicides-PCB's	1/5/2024
8625	Disulfoton	EPA 8270	10185203	Pesticides-Herbicides-PCB's	7/1/2003
8625	Disulfoton	EPA 8270E	10242543	Pesticides-Herbicides-PCB's	1/5/2024
7510	Endosulfan I	EPA 608.3	10296614	Pesticides-Herbicides-PCB's	4/4/2018
7510	Endosulfan I	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	1/5/2024
7515	Endosulfan II	EPA 608.3	10296614	Pesticides-Herbicides-PCB's	4/4/2018
7515	Endosulfan II	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	1/5/2024
7520	Endosulfan sulfate	EPA 608.3	10296614	Pesticides-Herbicides-PCB's	4/4/2018
7520	Endosulfan sulfate	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	1/5/2024
7540	Endrin	EPA 608.3	10296614	Pesticides-Herbicides-PCB's	4/4/2018
7540	Endrin	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	1/5/2024
7530	Endrin aldehyde	EPA 608.3	10296614	Pesticides-Herbicides-PCB's	4/4/2018
7530	Endrin aldehyde	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	1/5/2024
7535	Endrin ketone	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	1/5/2024
2520	Enterococci	SM 9230 D-2013	20219696	Microbiology	1/10/2023
2525	Escherichia coli	SM 9223 B (Colilert Quanti-Tray)-2016	20211647	Microbiology	1/31/2024
2525	Escherichia coli	SM 9223 B /QUANTI-TRAY	20211603	Microbiology	1/10/2023
4747	Ethane	RSK-175	10212905	Volatile Organics	12/2/2005
4750	Ethanol	EPA 8015C	10173816	Volatile Organics	1/5/2024
4750	Ethanol	EPA 8260D	10307127	Volatile Organics	1/5/2024
4755	Ethyl acetate	EPA 1666A	10128208	Volatile Organics	7/30/2007
4755	Ethyl acetate	EPA 8015C	10173816	Volatile Organics	1/5/2024
4755	Ethyl acetate	EPA 8260D	10307127	Volatile Organics	1/5/2024
4760	Ethyl acrylate	EPA 8260D	10307127	Volatile Organics	1/5/2024

Laboratory Scope of Accreditation

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State Laboratory ID: E87052 EPA Lab Code: GA00006 (912) 354-7858

E87052
Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Matrix: Non-Potable Water

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
4810	Ethyl methacrylate	EPA 8260D	10307127	Volatile Organics	1/5/2024
6260	Ethyl methanesulfonate	EPA 8270	10185203	Extractable Organics	7/1/2003
6260	Ethyl methanesulfonate	EPA 8270E	10242543	Extractable Organics	1/5/2024
4765	Ethylbenzene	EPA 624.1	10298121	Volatile Organics	4/4/2018
4765	Ethylbenzene	EPA 8260D	10307127	Volatile Organics	1/5/2024
4752	Ethylene	RSK-175	10212905	Volatile Organics	12/2/2005
4785	Ethylene glycol	EPA 8015C	10173816	Volatile Organics	1/5/2024
4770	Ethyl-t-butylether (ETBE)	EPA 8260D	10307127	Volatile Organics	1/5/2024
7580	Famphur	EPA 8270	10185203	Pesticides-Herbicides-PCB's	7/1/2003
7580	Famphur	EPA 8270E	10242543	Pesticides-Herbicides-PCB's	1/5/2024
2530	Fecal coliforms	COLILERT®-18 (Fecal Coliforms)	60002688	Microbiology	1/10/2023
6265	Fluoranthene	EPA 625.1	10300024	Extractable Organics	4/4/2018
6265	Fluoranthene	EPA 8270	10185203	Extractable Organics	7/1/2003
6265	Fluoranthene	EPA 8270E	10242543	Extractable Organics	1/5/2024
6270	Fluorene	EPA 625.1	10300024	Extractable Organics	4/4/2018
6270	Fluorene	EPA 8270	10185203	Extractable Organics	7/1/2003
6270	Fluorene	EPA 8270E	10242543	Extractable Organics	1/5/2024
1730	Fluoride	EPA 300.0	10053200	General Chemistry	2/6/2002
1730	Fluoride	EPA 9056A	10199607	General Chemistry	1/5/2024
7120	gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)	EPA 608.3	10296614	Pesticides-Herbicides-PCB's	4/4/2018
7120	gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	1/5/2024
7245	gamma-Chlordane	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	1/5/2024
9408	Gasoline range organics (GRO)	EPA 8015C	10173816	Volatile Organics	1/5/2024
1750	Hardness	EPA 130.2	10007202	General Chemistry	11/18/2008
1750	Hardness	SM 2340 B-2011	20046611	General Chemistry	1/31/2024
1750	Hardness	SM 2340 C-2011	20047614	General Chemistry	1/31/2024
1760	Hardness (calc.)	EPA 200.7	10013806	Metals	7/30/2007
7685	Heptachlor	EPA 608.3	10296614	Pesticides-Herbicides-PCB's	4/4/2018
7685	Heptachlor	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	1/5/2024
7690	Heptachlor epoxide	EPA 608.3	10296614	Pesticides-Herbicides-PCB's	4/4/2018
7690	Heptachlor epoxide	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	1/5/2024
6275	Hexachlorobenzene	EPA 625.1	10300024	Extractable Organics	4/4/2018
6275	Hexachlorobenzene	EPA 8270	10185203	Pesticides-Herbicides-PCB's	7/1/2003
6275	Hexachlorobenzene	EPA 8270E	10242543	Pesticides-Herbicides-PCB's	1/5/2024
4835	Hexachlorobutadiene	EPA 625.1	10300024	Extractable Organics	4/4/2018

Laboratory Scope of Accreditation

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State Laboratory ID: E87052 EPA Lab Code: GA00006 (912) 354-7858

E87052
Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Matrix: Non-Potable Water

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
4835	Hexachlorobutadiene	EPA 8260D	10307127	Volatile Organics	1/5/2024
4835	Hexachlorobutadiene	EPA 8270	10185203	Extractable Organics	7/1/2003
4835	Hexachlorobutadiene	EPA 8270E	10242543	Extractable Organics	1/5/2024
6285	Hexachlorocyclopentadiene	EPA 625.1	10300024	Extractable Organics	4/4/2018
6285	Hexachlorocyclopentadiene	EPA 8270	10185203	Extractable Organics	7/1/2003
6285	Hexachlorocyclopentadiene	EPA 8270E	10242543	Extractable Organics	1/5/2024
4840	Hexachloroethane	EPA 625.1	10300024	Extractable Organics	4/4/2018
4840	Hexachloroethane	EPA 8270	10185203	Extractable Organics	7/1/2003
4840	Hexachloroethane	EPA 8270E	10242543	Extractable Organics	1/5/2024
6290	Hexachlorophene	EPA 8270	10185203	Extractable Organics	7/1/2003
6290	Hexachlorophene	EPA 8270E	10242543	Extractable Organics	1/5/2024
6295	Hexachloropropene	EPA 8270	10185203	Extractable Organics	7/1/2003
6295	Hexachloropropene	EPA 8270E	10242543	Extractable Organics	1/5/2024
9460	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA, GenX)	EPA 1633	10123463	Extractable Organics	1/31/2024
1780	Ignitability	EPA 1010	10116606	General Chemistry	9/15/2022
6315	Indeno(1,2,3-cd)pyrene	EPA 625.1	10300024	Extractable Organics	4/4/2018
6315	Indeno(1,2,3-cd)pyrene	EPA 8270	10185203	Extractable Organics	7/1/2003
6315	Indeno(1,2,3-cd)pyrene	EPA 8270E	10242543	Extractable Organics	1/5/2024
4870	Iodomethane (Methyl iodide)	EPA 8260D	10307127	Volatile Organics	1/5/2024
1070	Iron	EPA 200.7	10013806	Metals	2/6/2002
1070	Iron	EPA 6010D	10155950	Metals	1/5/2024
1070	Iron	EPA 6020B	10156420	Metals	1/5/2024
4875	Isobutyl alcohol (2-Methyl-1-propanol)	EPA 8015C	10173816	Volatile Organics	1/5/2024
4875	Isobutyl alcohol (2-Methyl-1-propanol)	EPA 8260D	10307127	Volatile Organics	1/5/2024
7725	Isodrin	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	1/5/2024
6320	Isophorone	EPA 625.1	10300024	Extractable Organics	4/4/2018
6320	Isophorone	EPA 8270	10185203	Extractable Organics	7/1/2003
6320	Isophorone	EPA 8270E	10242543	Extractable Organics	1/5/2024
4890	Isopropyl acetate	EPA 1666A	10128208	Volatile Organics	7/30/2007
4895	Isopropyl alcohol (2-Propanol)	EPA 8015C	10173816	Volatile Organics	1/5/2024
4900	Isopropylbenzene	EPA 8260D	10307127	Volatile Organics	1/5/2024
6325	Isosafrole	EPA 8270	10185203	Extractable Organics	7/1/2003
6325	Isosafrole	EPA 8270E	10242543	Extractable Organics	1/5/2024
7740	Kepone	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	1/5/2024
1795	Kjeldahl nitrogen - total	EPA 351.2	10065404	General Chemistry	2/6/2002
1075	Lead	EPA 200.7	10013806	Metals	2/6/2002

Laboratory Scope of Accreditation

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State Laboratory ID: E87052 EPA Lab Code: GA00006 (912) 354-7858

E87052
Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Matrix: Non-Potable Water

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
1075	Lead	EPA 200.8	10014605	Metals	10/17/2003
1075	Lead	EPA 6010D	10155950	Metals	1/5/2024
1075	Lead	EPA 6020B	10156420	Metals	1/5/2024
1080	Lithium	EPA 200.7	10013806	Metals	9/15/2022
1080	Lithium	EPA 200.8	10014605	Metals	1/10/2023
1080	Lithium	EPA 6010D	10155950	Metals	1/5/2024
1080	Lithium	EPA 6020B	10156420	Metals	1/5/2024
5240	m+p-Xylenes	EPA 8260D	10307127	Volatile Organics	1/5/2024
1085	Magnesium	EPA 200.7	10013806	Metals	2/6/2002
1085	Magnesium	EPA 6010D	10155950	Metals	1/5/2024
1085	Magnesium	EPA 6020B	10156420	Metals	1/5/2024
1090	Manganese	EPA 200.7	10013806	Metals	2/6/2002
1090	Manganese	EPA 200.8	10014605	Metals	10/17/2003
1090	Manganese	EPA 6010D	10155950	Metals	1/5/2024
1090	Manganese	EPA 6020B	10156420	Metals	1/5/2024
7775	MCPA	EPA 615	10105609	Pesticides-Herbicides-PCB's	2/6/2002
7775	MCPA	EPA 8151A	10183207	Pesticides-Herbicides-PCB's	1/5/2024
7780	MCPP	EPA 615	10105609	Pesticides-Herbicides-PCB's	2/6/2002
7780	MCPP	EPA 8151A	10183207	Pesticides-Herbicides-PCB's	1/5/2024
1095	Mercury	EPA 200.8	10014605	Metals	10/17/2003
1095	Mercury	EPA 245.1	10036609	Metals	2/6/2002
1095	Mercury	EPA 6020B	10156420	Metals	1/5/2024
1095	Mercury	EPA 7470	10165603	Metals	7/1/2003
4925	Methacrylonitrile	EPA 8260D	10307127	Volatile Organics	1/5/2024
4926	Methane	RSK-175	10212905	Volatile Organics	12/2/2005
4930	Methanol	EPA 8015C	10173816	Volatile Organics	1/5/2024
6345	Methapyrilene	EPA 8270	10185203	Extractable Organics	7/1/2003
6345	Methapyrilene	EPA 8270E	10242543	Extractable Organics	1/5/2024
7810	Methoxychlor	EPA 608.3	10296614	Pesticides-Herbicides-PCB's	12/4/2020
7810	Methoxychlor	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	1/5/2024
4940	Methyl acetate	EPA 8260D	10307127	Volatile Organics	1/5/2024
4950	Methyl bromide (Bromomethane)	EPA 624.1	10298121	Volatile Organics	4/4/2018
4950	Methyl bromide (Bromomethane)	EPA 8260D	10307127	Volatile Organics	1/5/2024
4960	Methyl chloride (Chloromethane)	EPA 624.1	10298121	Volatile Organics	4/4/2018
4960	Methyl chloride (Chloromethane)	EPA 8260D	10307127	Volatile Organics	1/5/2024
4990	Methyl methacrylate	EPA 8260D	10307127	Volatile Organics	1/5/2024

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E87052
Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Matrix: Non-Potable Water

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
6375	Methyl methanesulfonate	EPA 8270	10185203	Extractable Organics	7/1/2003
6375	Methyl methanesulfonate	EPA 8270E	10242543	Extractable Organics	1/5/2024
7825	Methyl parathion (Parathion, methyl)	EPA 8270	10185203	Pesticides-Herbicides-PCB's	7/1/2003
7825	Methyl parathion (Parathion, methyl)	EPA 8270E	10242543	Pesticides-Herbicides-PCB's	1/5/2024
5000	Methyl tert-butyl ether (MTBE)	EPA 8260D	10307127	Volatile Organics	1/5/2024
4965	Methylcyclohexane	EPA 8260D	10307127	Volatile Organics	1/5/2024
4975	Methylene chloride	EPA 624.1	10298121	Volatile Organics	4/4/2018
4975	Methylene chloride	EPA 8260D	10307127	Volatile Organics	1/5/2024
7870	Mirex	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	1/5/2024
1100	Molybdenum	EPA 200.7	10013806	Metals	2/6/2002
1100	Molybdenum	EPA 200.8	10014605	Metals	10/17/2003
1100	Molybdenum	EPA 6010D	10155950	Metals	1/5/2024
1100	Molybdenum	EPA 6020B	10156420	Metals	1/5/2024
4360	n-Amyl acetate	EPA 1666A	10128208	Volatile Organics	7/30/2007
5005	Naphthalene	EPA 624.1	10298121	Volatile Organics	9/15/2022
5005	Naphthalene	EPA 625.1	10300024	Extractable Organics	4/4/2018
5005	Naphthalene	EPA 8260D	10307127	Volatile Organics	1/5/2024
5005	Naphthalene	EPA 8270	10185203	Extractable Organics	7/1/2003
5005	Naphthalene	EPA 8270E	10242543	Extractable Organics	1/5/2024
4403	n-Butyl Acetate	EPA 1666A	10128208	Volatile Organics	7/30/2007
4403	n-Butyl Acetate	EPA 8260D	10307127	Volatile Organics	1/5/2024
4425	n-Butyl alcohol	EPA 8015C	10173816	Volatile Organics	1/5/2024
4425	n-Butyl alcohol	EPA 8260D	10307127	Volatile Organics	1/5/2024
4435	n-Butylbenzene	EPA 8260D	10307127	Volatile Organics	1/5/2024
9395	N-Ethylperfluorooctane sulfonamide (N-EtFOSA)	EPA 1633	10123463	Extractable Organics	1/31/2024
4846	N-Ethylperfluorooctane sulfonamido acetic acid (NEtFOSAA)	EPA 1633	10123463	Extractable Organics	1/31/2024
9431	N-ethylperfluorooctane sulfonamido ethanol (EtFOSE)	EPA 1633	10123463	Extractable Organics	1/31/2024
1105	Nickel	EPA 200.7	10013806	Metals	2/6/2002
1105	Nickel	EPA 200.8	10014605	Metals	10/17/2003
1105	Nickel	EPA 6010D	10155950	Metals	1/5/2024
1105	Nickel	EPA 6020B	10156420	Metals	1/5/2024
1805	Nitrate	EPA 9056A	10199607	General Chemistry	1/5/2024
1810	Nitrate as N	EPA 300.0	10053200	General Chemistry	2/6/2002
1810	Nitrate as N	EPA 353.2	10067604	General Chemistry	2/6/2002
1820	Nitrate-nitrite	EPA 300.0	10053200	General Chemistry	2/6/2002

Laboratory Scope of Accreditation

Attachment to Certificate #: E87052-83, expiration date June 30, 2025. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: E87052 EPA Lab Code: GA00006 (912) 354-7858

E87052
Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Matrix: Non-Potable Water

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
1820	Nitrate-nitrite	EPA 353.2	10067604	General Chemistry	2/6/2002
1835	Nitrite	EPA 9056A	10199607	General Chemistry	1/5/2024
1840	Nitrite as N	EPA 300.0	10053200	General Chemistry	2/6/2002
1840	Nitrite as N	EPA 353.2	10067604	General Chemistry	2/6/2002
5015	Nitrobenzene	EPA 625.1	10300024	Extractable Organics	4/4/2018
5015	Nitrobenzene	EPA 8270	10185203	Extractable Organics	7/1/2003
5015	Nitrobenzene	EPA 8270E	10242543	Extractable Organics	1/5/2024
9433	N-Methylperfluorooctane sulfonamide (MeFOSA)	EPA 1633	10123463	Extractable Organics	1/31/2024
4847	N-Methylperfluorooctane sulfonamido acetic acid (NMeFOSAA)	EPA 1633	10123463	Extractable Organics	1/31/2024
6949	N-Methylperfluorooctane sulfonamido ethanol (MeFOSE)	EPA 1633	10123463	Extractable Organics	1/31/2024
6525	n-Nitrosodiethylamine	EPA 8270	10185203	Extractable Organics	7/1/2003
6525	n-Nitrosodiethylamine	EPA 8270E	10242543	Extractable Organics	1/5/2024
6530	n-Nitrosodimethylamine	EPA 625.1	10300024	Extractable Organics	4/4/2018
6530	n-Nitrosodimethylamine	EPA 8270	10185203	Extractable Organics	7/1/2003
6530	n-Nitrosodimethylamine	EPA 8270E	10242543	Extractable Organics	1/5/2024
5025	n-Nitroso-di-n-butylamine	EPA 8270	10185203	Extractable Organics	7/1/2003
5025	n-Nitroso-di-n-butylamine	EPA 8270E	10242543	Extractable Organics	1/5/2024
6545	n-Nitrosodi-n-propylamine	EPA 625.1	10300024	Extractable Organics	4/4/2018
6545	n-Nitrosodi-n-propylamine	EPA 8270	10185203	Extractable Organics	7/1/2003
6545	n-Nitrosodi-n-propylamine	EPA 8270E	10242543	Extractable Organics	1/5/2024
6535	n-Nitrosodiphenylamine	EPA 625.1	10300024	Extractable Organics	4/4/2018
6535	n-Nitrosodiphenylamine	EPA 8270	10185203	Extractable Organics	7/1/2003
6535	n-Nitrosodiphenylamine	EPA 8270E	10242543	Extractable Organics	1/5/2024
6550	n-Nitrosomethylethylamine	EPA 8270	10185203	Extractable Organics	7/1/2003
6550	n-Nitrosomethylethylamine	EPA 8270E	10242543	Extractable Organics	1/5/2024
6555	n-Nitrosomorpholine	EPA 8270	10185203	Extractable Organics	7/1/2003
6555	n-Nitrosomorpholine	EPA 8270E	10242543	Extractable Organics	1/5/2024
6560	n-Nitrosopiperidine	EPA 8270	10185203	Extractable Organics	7/1/2003
6560	n-Nitrosopiperidine	EPA 8270E	10242543	Extractable Organics	1/5/2024
6565	n-Nitrosopyrrolidine	EPA 8270	10185203	Extractable Organics	7/1/2003
6565	n-Nitrosopyrrolidine	EPA 8270E	10242543	Extractable Organics	1/5/2024
6956	Nonafluoro-3,6-dioxaheptanoic Acid (NFDHA)	EPA 1633	10123463	Extractable Organics	1/31/2024
5055	n-Propanol (1-Propanol)	EPA 8015C	10173816	Volatile Organics	1/5/2024
5090	n-Propylbenzene	EPA 8260D	10307127	Volatile Organics	1/5/2024

Laboratory Scope of Accreditation

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State Laboratory ID: E87052 EPA Lab Code: GA00006 (912) 354-7858

E87052
Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Matrix: Non-Potable Water

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
8290	o,o,o-Triethyl phosphorothioate	EPA 8270	10185203	Pesticides-Herbicides-PCB's	7/1/2003
8290	o,o,o-Triethyl phosphorothioate	EPA 8270E	10242543	Pesticides-Herbicides-PCB's	1/5/2024
1860	Oil & Grease	EPA 1664A	10127807	General Chemistry	12/2/2015
1865	Organic nitrogen	TKN minus AMMONIA	60034437	General Chemistry	7/30/2007
1870	Orthophosphate as P	EPA 365.1	10070005	General Chemistry	11/18/2008
1870	Orthophosphate as P	SM 4500-P F-2011	20125024	General Chemistry	1/31/2024
5145	o-Toluidine	EPA 8270	10185203	Extractable Organics	7/1/2003
5145	o-Toluidine	EPA 8270E	10242543	Extractable Organics	1/5/2024
5250	o-Xylene	EPA 8260D	10307127	Volatile Organics	1/5/2024
7955	Parathion, ethyl	EPA 8270	10185203	Pesticides-Herbicides-PCB's	7/1/2003
7955	Parathion, ethyl	EPA 8270E	10242543	Pesticides-Herbicides-PCB's	1/5/2024
6590	Pentachlorobenzene	EPA 8270	10185203	Extractable Organics	7/1/2003
6590	Pentachlorobenzene	EPA 8270E	10242543	Extractable Organics	1/5/2024
5035	Pentachloroethane	EPA 8260D	10307127	Volatile Organics	1/5/2024
6600	Pentachloronitrobenzene (Quintozene)	EPA 8270	10185203	Extractable Organics	7/1/2003
6600	Pentachloronitrobenzene (Quintozene)	EPA 8270E	10242543	Extractable Organics	1/5/2024
6605	Pentachlorophenol	EPA 625.1	10300024	Extractable Organics	4/4/2018
6605	Pentachlorophenol	EPA 8151A	10183207	Pesticides-Herbicides-PCB's	1/5/2024
6605	Pentachlorophenol	EPA 8270	10185203	Extractable Organics	7/1/2003
6605	Pentachlorophenol	EPA 8270E	10242543	Extractable Organics	1/5/2024
6957	Perfluoro(2-ethoxyethane) Sulfonic Acid (PFEESA)	EPA 1633	10123463	Extractable Organics	1/31/2024
6965	Perfluoro-3-methoxypropanoic Acid (PFMPA)	EPA 1633	10123463	Extractable Organics	1/31/2024
6966	Perfluoro-4-methoxybutanoic Acid (PFMBA)	EPA 1633	10123463	Extractable Organics	1/31/2024
6918	Perfluorobutane Sulfonic Acid (PFBS)	EPA 1633	10123463	Extractable Organics	1/31/2024
6915	Perfluorobutanoic Acid (PFBA)	EPA 1633	10123463	Extractable Organics	1/31/2024
6920	Perfluorodecane Sulfonic Acid (PFDS)	EPA 1633	10123463	Extractable Organics	1/31/2024
6905	Perfluorodecanoic Acid (PFDA)	EPA 1633	10123463	Extractable Organics	1/31/2024
6923	Perfluorododecane Sulfonic Acid (PFDoS)	EPA 1633	10123463	Extractable Organics	1/31/2024
6903	Perfluorododecanoic Acid (PFDoA)	EPA 1633	10123463	Extractable Organics	1/31/2024
9470	Perfluoroheptane Sulfonic Acid (PFHpS)	EPA 1633	10123463	Extractable Organics	1/31/2024
6908	Perfluoroheptanoic Acid (PFHpA)	EPA 1633	10123463	Extractable Organics	1/31/2024
6927	Perfluorohexane Sulfonic Acid (PFHxS)	EPA 1633	10123463	Extractable Organics	1/31/2024
6913	Perfluorohexanoic Acid (PFHxA)	EPA 1633	10123463	Extractable Organics	1/31/2024
6929	Perfluorononane Sulfonic Acid (PFNS)	EPA 1633	10123463	Extractable Organics	1/31/2024
6906	Perfluorononanoic Acid (PFNA)	EPA 1633	10123463	Extractable Organics	1/31/2024
6917	Perfluorooctane sulfonamide (PFOSA)	EPA 1633	10123463	Extractable Organics	1/31/2024

Laboratory Scope of Accreditation

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State Laboratory ID: E87052 EPA Lab Code: GA00006 (912) 354-7858

E87052
Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Matrix: Non-Potable Water

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
6931	Perfluorooctane sulfonic acid (PFOS)	EPA 1633	10123463	Extractable Organics	1/31/2024
6912	Perfluorooctanoic Acid (PFOA)	EPA 1633	10123463	Extractable Organics	1/31/2024
6934	Perfluoropentane Sulfonic Acid (PFPeS)	EPA 1633	10123463	Extractable Organics	1/31/2024
6914	Perfluoropentanoic Acid (PFPeA)	EPA 1633	10123463	Extractable Organics	1/31/2024
6902	Perfluorotetradecanoic acid (PFTDA)	EPA 1633	10123463	Extractable Organics	1/31/2024
9563	Perfluorotridecanoic acid (PFTrDA)	EPA 1633	10123463	Extractable Organics	1/31/2024
6904	Perfluoroundecanoic acid (PFUnDA)	EPA 1633	10123463	Extractable Organics	1/31/2024
1900	pH	EPA 150.1	10008409	General Chemistry	2/6/2002
1900	pH	EPA 9040C	10244403	General Chemistry	1/5/2024
1900	pH	SM 4500-H+ B-2011	20105220	General Chemistry	1/31/2024
6610	Phenacetin	EPA 8270	10185203	Extractable Organics	7/1/2003
6610	Phenacetin	EPA 8270E	10242543	Extractable Organics	1/5/2024
6615	Phenanthrene	EPA 625.1	10300024	Extractable Organics	4/4/2018
6615	Phenanthrene	EPA 8270	10185203	Extractable Organics	7/1/2003
6615	Phenanthrene	EPA 8270E	10242543	Extractable Organics	1/5/2024
6625	Phenol	EPA 625.1	10300024	Extractable Organics	4/4/2018
6625	Phenol	EPA 8270	10185203	Extractable Organics	7/1/2003
6625	Phenol	EPA 8270E	10242543	Extractable Organics	1/5/2024
7985	Phorate	EPA 8270	10185203	Pesticides-Herbicides-PCB's	7/1/2003
7985	Phorate	EPA 8270E	10242543	Pesticides-Herbicides-PCB's	1/5/2024
1910	Phosphorus, total	EPA 200.7	10013806	Metals	1/10/2023
1910	Phosphorus, total	EPA 365.4	10071202	General Chemistry	2/6/2002
1910	Phosphorus, total	EPA 6010D	10155950	Metals	1/5/2024
8645	Picloram	EPA 8151A	10183207	Pesticides-Herbicides-PCB's	1/5/2024
4910	p-Isopropyltoluene	EPA 8260D	10307127	Volatile Organics	1/5/2024
1125	Potassium	EPA 200.7	10013806	Metals	2/6/2002
1125	Potassium	EPA 6010D	10155950	Metals	1/5/2024
1125	Potassium	EPA 6020B	10156420	Metals	1/5/2024
6650	Pronamide (Kerb)	EPA 8270	10185203	Extractable Organics	7/1/2003
6650	Pronamide (Kerb)	EPA 8270E	10242543	Extractable Organics	1/5/2024
5080	Propionitrile (Ethyl cyanide)	EPA 8260D	10307127	Volatile Organics	1/5/2024
6665	Pyrene	EPA 625.1	10300024	Extractable Organics	4/4/2018
6665	Pyrene	EPA 8270	10185203	Extractable Organics	7/1/2003
6665	Pyrene	EPA 8270E	10242543	Extractable Organics	1/5/2024
5095	Pyridine	EPA 8270	10185203	Extractable Organics	7/1/2003
5095	Pyridine	EPA 8270E	10242543	Extractable Organics	1/5/2024

Laboratory Scope of Accreditation

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State Laboratory ID: E87052 EPA Lab Code: GA00006 (912) 354-7858

E87052
Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Matrix: Non-Potable Water

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
1945	Residual free chlorine	EPA 330.3	10058807	General Chemistry	2/6/2002
1955	Residue-filterable (TDS)	EPA 160.1	10009208	General Chemistry	2/6/2002
1955	Residue-filterable (TDS)	SM 2540 C-2015	20050435	General Chemistry	1/31/2024
1960	Residue-nonfilterable (TSS)	EPA 160.2	10009606	General Chemistry	2/6/2002
1960	Residue-nonfilterable (TSS)	SM 2540 D-2015	20051223	General Chemistry	1/31/2024
1965	Residue-settleable	EPA 160.5	10010807	General Chemistry	2/6/2002
1965	Residue-settleable	SM 2540 F-2015	20052226	General Chemistry	1/31/2024
1950	Residue-total	EPA 160.3	10010001	General Chemistry	2/6/2002
1950	Residue-total	SM 2540 B-2015	20049438	General Chemistry	1/31/2024
6685	Safrole	EPA 8270	10185203	Extractable Organics	7/1/2003
6685	Safrole	EPA 8270E	10242543	Extractable Organics	1/5/2024
1975	Salinity	SM 2520 B-2011	20040088	General Chemistry	1/31/2024
4440	sec-Butylbenzene	EPA 8260D	10307127	Volatile Organics	1/5/2024
1140	Selenium	EPA 200.7	10013806	Metals	2/6/2002
1140	Selenium	EPA 200.8	10014605	Metals	10/17/2003
1140	Selenium	EPA 6010D	10155950	Metals	1/5/2024
1140	Selenium	EPA 6020B	10156420	Metals	1/5/2024
1990	Silica as SiO2	EPA 200.7	10013806	Metals	7/30/2007
1145	Silicon	EPA 200.7	10013806	Metals	2/6/2002
1145	Silicon	EPA 6010D	10155950	Metals	1/5/2024
1150	Silver	EPA 200.7	10013806	Metals	2/6/2002
1150	Silver	EPA 200.8	10014605	Metals	10/17/2003
1150	Silver	EPA 6010D	10155950	Metals	1/5/2024
1150	Silver	EPA 6020B	10156420	Metals	1/5/2024
8650	Silvex (2,4,5-TP)	EPA 615	10105609	Pesticides-Herbicides-PCB's	2/6/2002
8650	Silvex (2,4,5-TP)	EPA 8151A	10183207	Pesticides-Herbicides-PCB's	1/5/2024
1155	Sodium	EPA 200.7	10013806	Metals	2/6/2002
1155	Sodium	EPA 6010D	10155950	Metals	1/5/2024
1155	Sodium	EPA 6020B	10156420	Metals	1/5/2024
1160	Strontium	EPA 200.7	10013806	Metals	2/6/2002
1160	Strontium	EPA 6010D	10155950	Metals	1/5/2024
5100	Styrene	EPA 8260D	10307127	Volatile Organics	1/5/2024
2000	Sulfate	EPA 300.0	10053200	General Chemistry	2/6/2002
2000	Sulfate	EPA 375.4	10073800	General Chemistry	2/6/2002
2000	Sulfate	EPA 9038	10196608	General Chemistry	7/1/2003
2000	Sulfate	EPA 9056A	10199607	General Chemistry	1/5/2024

Laboratory Scope of Accreditation

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State Laboratory ID: E87052 EPA Lab Code: GA00006 (912) 354-7858

E87052
Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Matrix: Non-Potable Water

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
2005	Sulfide	EPA 376.1	10074201	General Chemistry	7/30/2007
2005	Sulfide	EPA 9030B	10195605	General Chemistry	1/5/2024
2005	Sulfide	EPA 9034	10196006	General Chemistry	7/1/2003
2005	Sulfide	SM 4500-S F (19th/20th/21st Ed.)/TITR	20126652	General Chemistry	7/30/2007
2015	Sulfite-SO3	EPA 377.1	10075000	General Chemistry	9/15/2022
2015	Sulfite-SO3	SM 4500-SO_3^{-} B-2011	20130636	General Chemistry	1/31/2024
8155	Sulfotepp	EPA 8270	10185203	Pesticides-Herbicides-PCB's	7/1/2003
8155	Sulfotepp	EPA 8270E	10242543	Pesticides-Herbicides-PCB's	1/5/2024
4370	T-amylmethylether (TAME)	EPA 8260D	10307127	Volatile Organics	1/5/2024
4368	tert-Amyl Alcohol	EPA 8260D	10307127	Volatile Organics	1/5/2024
4420	tert-Butyl alcohol (2-Methyl-2-propanol)	EPA 8015C	10173816	Volatile Organics	1/5/2024
4420	tert-Butyl alcohol (2-Methyl-2-propanol)	EPA 8260D	10307127	Volatile Organics	1/5/2024
9557	tert-Butyl Formate	EPA 8260D	10307127	Volatile Organics	1/5/2024
4445	tert-Butylbenzene	EPA 8260D	10307127	Volatile Organics	1/5/2024
5115	Tetrachloroethylene (Perchloroethylene)	EPA 624.1	10298121	Volatile Organics	4/4/2018
1165	Thallium	EPA 200.7	10013806	Metals	2/6/2002
1165	Thallium	EPA 200.8	10014605	Metals	10/17/2003
1165	Thallium	EPA 6010D	10155950	Metals	1/5/2024
1165	Thallium	EPA 6020B	10156420	Metals	1/5/2024
8235	Thionazin (Zinophos)	EPA 8270	10185203	Pesticides-Herbicides-PCB's	7/1/2003
8235	Thionazin (Zinophos)	EPA 8270E	10242543	Pesticides-Herbicides-PCB's	1/5/2024
1175	Tin	EPA 200.7	10013806	Metals	2/6/2002
1175	Tin	EPA 200.8	10014605	Metals	1/10/2023
1175	Tin	EPA 6010D	10155950	Metals	1/5/2024
1175	Tin	EPA 6020B	10156420	Metals	1/5/2024
1180	Titanium	EPA 200.7	10013806	Metals	2/6/2002
1180	Titanium	EPA 6010D	10155950	Metals	1/5/2024
5140	Toluene	EPA 624.1	10298121	Volatile Organics	4/4/2018
5140	Toluene	EPA 8260D	10307127	Volatile Organics	1/5/2024
2500	Total coliforms	SM 9223 B (Colilert Quanti-Tray)-2016	20211647	Microbiology	1/31/2024
2500	Total coliforms	SM 9223 B /QUANTI-TRAY	20211603	Microbiology	1/10/2023
1645	Total cyanide	EPA 9012B	10243228	General Chemistry	1/5/2024
1825	Total nitrate-nitrite	EPA 9056A	10199607	General Chemistry	1/5/2024
2040	Total organic carbon	EPA 415.1	10078407	General Chemistry	2/6/2002
2040	Total organic carbon	EPA 9060A	10244823	General Chemistry	1/5/2024

Laboratory Scope of Accreditation

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State Laboratory ID: E87052 EPA Lab Code: GA00006 (912) 354-7858

E87052
Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Matrix: Non-Potable Water

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
2040	Total organic carbon	SM 5310 B-2014	20137831	Microbiology	1/31/2024
2045	Total organic halides (TOX)	EPA 9020B	10194408	General Chemistry	1/5/2024
2050	Total Petroleum Hydrocarbons (TPH)	EPA 1664A	10127807	General Chemistry	2/6/2002
2050	Total Petroleum Hydrocarbons (TPH)	FL-PRO	90015808	Extractable Organics	9/15/2022
1905	Total phenolics	EPA 420.1	10079400	General Chemistry	2/6/2002
1905	Total phenolics	EPA 9065	10200405	General Chemistry	7/1/2003
1940	Total residual chlorine	SM 4500 Cl B	20018808	General Chemistry	11/18/2008
8250	Toxaphene (Chlorinated camphene)	EPA 608.3	10296614	Pesticides-Herbicides-PCB's	4/4/2018
4700	trans-1,2-Dichloroethylene	EPA 624.1	10298121	Volatile Organics	4/4/2018
4700	trans-1,2-Dichloroethylene	EPA 8260D	10307127	Volatile Organics	1/5/2024
4685	trans-1,3-Dichloropropene	EPA 624.1	10298121	Volatile Organics	4/4/2018
4685	trans-1,3-Dichloropropene	EPA 8260D	10307127	Volatile Organics	1/5/2024
4605	trans-1,4-Dichloro-2-butene	EPA 8260D	10307127	Volatile Organics	1/5/2024
5170	Trichloroethene (Trichloroethylene)	EPA 624.1	10298121	Volatile Organics	4/4/2018
5170	Trichloroethene (Trichloroethylene)	EPA 8260D	10307127	Volatile Organics	1/5/2024
5175	Trichlorofluoromethane	EPA 624.1	10298121	Volatile Organics	4/4/2018
5175	Trichlorofluoromethane	EPA 8260D	10307127	Volatile Organics	1/5/2024
2055	Turbidity	EPA 180.1	10011800	General Chemistry	2/6/2002
2055	Turbidity	SM 2130 B-2011	20048220	General Chemistry	1/31/2024
2058	Un-Ionized Ammonia	DEP SOP 10/03/83	90015842	General Chemistry	7/30/2007
1185	Vanadium	EPA 200.7	10013806	Metals	2/6/2002
1185	Vanadium	EPA 200.8	10014605	Metals	10/17/2003
1185	Vanadium	EPA 6010D	10155950	Metals	1/5/2024
1185	Vanadium	EPA 6020B	10156420	Metals	1/5/2024
5225	Vinyl acetate	EPA 8260D	10307127	Volatile Organics	1/5/2024
5235	Vinyl chloride	EPA 624.1	10298121	Volatile Organics	4/4/2018
5235	Vinyl chloride	EPA 8260D	10307127	Volatile Organics	1/5/2024
5260	Xylene (total)	EPA 624.1	10298121	Volatile Organics	4/4/2018
5260	Xylene (total)	EPA 8260D	10307127	Volatile Organics	1/5/2024
1190	Zinc	EPA 200.7	10013806	Metals	2/6/2002
1190	Zinc	EPA 200.8	10014605	Metals	10/17/2003
1190	Zinc	EPA 6010D	10155950	Metals	1/5/2024
1190	Zinc	EPA 6020B	10156420	Metals	1/5/2024

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State Laboratory ID: E87052 EPA Lab Code: GA00006 (912) 354-7858

E87052
Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Matrix: Solid and Chemical Materials

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
5105	1,1,1,2-Tetrachloroethane	EPA 8260D	10307127	Volatile Organics	1/5/2024
5160	1,1,1-Trichloroethane	EPA 8260D	10307127	Volatile Organics	1/5/2024
5110	1,1,2,2-Tetrachloroethane	EPA 8260D	10307127	Volatile Organics	1/5/2024
5185	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	EPA 8260D	10307127	Volatile Organics	1/5/2024
5165	1,1,2-Trichloroethane	EPA 8260D	10307127	Volatile Organics	1/5/2024
4630	1,1-Dichloroethane	EPA 8260D	10307127	Volatile Organics	1/5/2024
4640	1,1-Dichloroethylene	EPA 8260D	10307127	Volatile Organics	1/5/2024
5150	1,2,3-Trichlorobenzene	EPA 8260D	10307127	Volatile Organics	1/5/2024
5180	1,2,3-Trichloropropane	EPA 8260D	10307127	Volatile Organics	1/5/2024
5182	1,2,3-Trimethylbenzene	EPA 8260D	10307127	Volatile Organics	1/5/2024
6715	1,2,4,5-Tetrachlorobenzene	EPA 8270E	10242543	Extractable Organics	1/5/2024
5155	1,2,4-Trichlorobenzene	EPA 8260D	10307127	Volatile Organics	1/5/2024
5155	1,2,4-Trichlorobenzene	EPA 8270E	10242543	Extractable Organics	1/5/2024
4570	1,2-Dibromo-3-chloropropane (DBCP)	EPA 8260D	10307127	Volatile Organics	1/5/2024
4585	1,2-Dibromoethane (EDB, Ethylene dibromide)	EPA 8260D	10307127	Volatile Organics	1/5/2024
4610	1,2-Dichlorobenzene	EPA 8260D	10307127	Volatile Organics	1/5/2024
4610	1,2-Dichlorobenzene	EPA 8270E	10242543	Extractable Organics	1/5/2024
4635	1,2-Dichloroethane	EPA 8260D	10307127	Volatile Organics	1/5/2024
4655	1,2-Dichloropropane	EPA 8260D	10307127	Volatile Organics	1/5/2024
6220	1,2-Diphenylhydrazine	EPA 8270E	10242543	Extractable Organics	1/5/2024
6800	1,3,5-Trichlorobenzene	EPA 8260D	10307127	Volatile Organics	1/5/2024
5215	1,3,5-Trimethylbenzene	EPA 8260D	10307127	Volatile Organics	1/5/2024
6885	1,3,5-Trinitrobenzene (1,3,5-TNB)	EPA 8270E	10242543	Extractable Organics	1/5/2024
4615	1,3-Dichlorobenzene	EPA 8260D	10307127	Volatile Organics	1/5/2024
4615	1,3-Dichlorobenzene	EPA 8270E	10242543	Extractable Organics	1/5/2024
4660	1,3-Dichloropropane	EPA 8260D	10307127	Volatile Organics	1/5/2024
6160	1,3-Dinitrobenzene (1,3-DNB)	EPA 8270E	10242543	Extractable Organics	1/5/2024
4620	1,4-Dichlorobenzene	EPA 8260D	10307127	Volatile Organics	1/5/2024
4620	1,4-Dichlorobenzene	EPA 8270E	10242543	Extractable Organics	1/5/2024
4735	1,4-Dioxane (1,4-Diethyleneoxide)	EPA 8260D	10307127	Volatile Organics	1/5/2024
4735	1,4-Dioxane (1,4-Diethyleneoxide)	EPA 8270E	10242543	Extractable Organics	1/5/2024
6420	1,4-Naphthoquinone	EPA 8270E	10242543	Extractable Organics	1/5/2024
6630	1,4-Phenylenediamine	EPA 8270E	10242543	Extractable Organics	1/5/2024
9490	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic Acid (11-ClPF3OUdS)	EPA 1633	10123463	Extractable Organics	1/31/2024
4510	1-Chlorohexane	EPA 8260D	10307127	Volatile Organics	1/5/2024

Laboratory Scope of Accreditation

Attachment to Certificate #: E87052-83, expiration date June 30, 2025. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: E87052 EPA Lab Code: GA00006 (912) 354-7858

E87052
Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Matrix: Solid and Chemical Materials

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
6948	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2 FTS)	EPA 1633	10123463	Extractable Organics	1/31/2024
6946	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	EPA 1633	10123463	Extractable Organics	1/31/2024
6947	1H,1H,2H,2H-Perfluoro-octanesulfonic Acid (6:2 FTS)	EPA 1633	10123463	Extractable Organics	1/31/2024
6380	1-Methylnaphthalene	EPA 8270E	10242543	Extractable Organics	1/5/2024
6425	1-Naphthylamine	EPA 8270E	10242543	Extractable Organics	1/5/2024
4665	2,2-Dichloropropane	EPA 8260D	10307127	Volatile Organics	1/5/2024
4659	2,2'-Oxybis(1-chloropropane),bis(2-Chloro-1-methylethyl)ether (fka bis(2-Chloroisopropyl) ether	EPA 8270E	10242543	Extractable Organics	1/5/2024
6735	2,3,4,6-Tetrachlorophenol	EPA 8270E	10242543	Extractable Organics	1/5/2024
8655	2,4,5-T	EPA 8151A	10183207	Pesticides-Herbicides-PCB's	1/5/2024
6835	2,4,5-Trichlorophenol	EPA 8270E	10242543	Extractable Organics	1/5/2024
6840	2,4,6-Trichlorophenol	EPA 8270E	10242543	Extractable Organics	1/5/2024
8545	2,4-D	EPA 8151A	10183207	Pesticides-Herbicides-PCB's	1/5/2024
8560	2,4-DB	EPA 8151A	10183207	Pesticides-Herbicides-PCB's	1/5/2024
6000	2,4-Dichlorophenol	EPA 8270E	10242543	Extractable Organics	1/5/2024
6130	2,4-Dimethylphenol	EPA 8270E	10242543	Extractable Organics	1/5/2024
6175	2,4-Dinitrophenol	EPA 8270E	10242543	Extractable Organics	1/5/2024
6185	2,4-Dinitrotoluene (2,4-DNT)	EPA 8270E	10242543	Extractable Organics	1/5/2024
6005	2,6-Dichlorophenol	EPA 8270E	10242543	Extractable Organics	1/5/2024
6190	2,6-Dinitrotoluene (2,6-DNT)	EPA 8270E	10242543	Extractable Organics	1/5/2024
5515	2-Acetylaminofluorene	EPA 8270E	10242543	Extractable Organics	1/5/2024
4410	2-Butanone (Methyl ethyl ketone, MEK)	EPA 8260D	10307127	Volatile Organics	1/5/2024
5795	2-Chloronaphthalene	EPA 8270E	10242543	Extractable Organics	1/5/2024
5800	2-Chlorophenol	EPA 8270E	10242543	Extractable Organics	1/5/2024
4535	2-Chlorotoluene	EPA 8260D	10307127	Volatile Organics	1/5/2024
9340	2H,2H,3H,3H-Perfluorodecanoic Acid (7:3 FTCA)	EPA 1633	10123463	Extractable Organics	1/31/2024
9338	2H,2H,3H,3H-Perfluorooctanoic Acid (5:3 FTCA)	EPA 1633	10123463	Extractable Organics	1/31/2024
4860	2-Hexanone	EPA 8260D	10307127	Volatile Organics	1/5/2024
6360	2-Methyl-4,6-dinitrophenol	EPA 8270E	10242543	Extractable Organics	1/5/2024
6385	2-Methylnaphthalene	EPA 8260D	10307127	Volatile Organics	1/5/2024
6385	2-Methylnaphthalene	EPA 8270E	10242543	Extractable Organics	1/5/2024
6400	2-Methylphenol (o-Cresol)	EPA 8270E	10242543	Extractable Organics	1/5/2024
6430	2-Naphthylamine	EPA 8270E	10242543	Extractable Organics	1/5/2024
6460	2-Nitroaniline	EPA 8270E	10242543	Extractable Organics	1/5/2024

Laboratory Scope of Accreditation

Attachment to Certificate #: E87052-83, expiration date June 30, 2025. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: E87052 EPA Lab Code: GA00006 (912) 354-7858

E87052
Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Matrix: Solid and Chemical Materials

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
6490	2-Nitrophenol	EPA 8270E	10242543	Extractable Organics	1/5/2024
5020	2-Nitropropane	EPA 8260D	10307127	Volatile Organics	1/5/2024
5050	2-Picoline (2-Methylpyridine)	EPA 8270E	10242543	Extractable Organics	1/5/2024
5945	3,3'-Dichlorobenzidine	EPA 8270E	10242543	Extractable Organics	1/5/2024
6120	3,3'-Dimethylbenzidine	EPA 8270E	10242543	Extractable Organics	1/5/2024
8600	3,5-Dichlorobenzoic acid	EPA 8151A	10183207	Pesticides-Herbicides-PCB's	1/5/2024
6412	3/4-Methylphenols (m/p-Cresols)	EPA 8270E	10242543	Extractable Organics	1/5/2024
6355	3-Methylcholanthrene	EPA 8270E	10242543	Extractable Organics	1/5/2024
6465	3-Nitroaniline	EPA 8270E	10242543	Extractable Organics	1/5/2024
9353	4,4,5,5,6,6,6-Heptafluorohexanoic Acid (3:3 FTCA)	EPA 1633	10123463	Extractable Organics	1/31/2024
7355	4,4'-DDD	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	1/5/2024
7360	4,4'-DDE	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	1/5/2024
7365	4,4'-DDT	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	1/5/2024
6951	4,8-Dioxa-3H-perfluorononanoic Acid (ADONA)	EPA 1633	10123463	Extractable Organics	1/31/2024
5540	4-Aminobiphenyl	EPA 8270E	10242543	Extractable Organics	1/5/2024
5660	4-Bromophenyl phenyl ether	EPA 8270E	10242543	Extractable Organics	1/5/2024
5700	4-Chloro-3-methylphenol	EPA 8270E	10242543	Extractable Organics	1/5/2024
5745	4-Chloroaniline	EPA 8270E	10242543	Extractable Organics	1/5/2024
5825	4-Chlorophenyl phenylether	EPA 8270E	10242543	Extractable Organics	1/5/2024
4540	4-Chlorotoluene	EPA 8260D	10307127	Volatile Organics	1/5/2024
6105	4-Dimethyl aminoazobenzene	EPA 8270E	10242543	Extractable Organics	1/5/2024
4995	4-Methyl-2-pentanone (MIBK)	EPA 8260D	10307127	Volatile Organics	1/5/2024
6470	4-Nitroaniline	EPA 8270E	10242543	Extractable Organics	1/5/2024
6500	4-Nitrophenol	EPA 8270E	10242543	Extractable Organics	1/5/2024
6570	5-Nitro-o-toluidine	EPA 8270E	10242543	Extractable Organics	1/5/2024
6115	7,12-Dimethylbenz(a) anthracene	EPA 8270E	10242543	Extractable Organics	1/5/2024
6952	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic Acid (9-ClPF3ONS)	EPA 1633	10123463	Extractable Organics	1/31/2024
6125	a,a-Dimethylphenethylamine	EPA 8270E	10242543	Extractable Organics	1/5/2024
5500	Acenaphthene	EPA 8270E	10242543	Extractable Organics	1/5/2024
5505	Acenaphthylene	EPA 8270E	10242543	Extractable Organics	1/5/2024
4315	Acetone	EPA 8260D	10307127	Volatile Organics	1/5/2024
4320	Acetonitrile	EPA 8260D	10307127	Volatile Organics	1/5/2024
5510	Acetophenone	EPA 8270E	10242543	Extractable Organics	1/5/2024
8505	Acifluorfen	EPA 8151A	10183207	Pesticides-Herbicides-PCB's	1/5/2024
4325	Acrolein (Propenal)	EPA 8260D	10307127	Volatile Organics	1/5/2024

Laboratory Scope of Accreditation

Attachment to Certificate #: E87052-83, expiration date June 30, 2025. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: E87052 EPA Lab Code: GA00006 (912) 354-7858

E87052
Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Matrix: Solid and Chemical Materials

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
4340	Acrylonitrile	EPA 8260D	10307127	Volatile Organics	1/5/2024
7025	Aldrin	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	1/5/2024
4355	Allyl chloride (3-Chloropropene)	EPA 8260D	10307127	Volatile Organics	1/5/2024
7110	alpha-BHC (alpha-Hexachlorocyclohexane)	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	1/5/2024
7240	alpha-Chlordane	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	1/5/2024
1000	Aluminum	EPA 6010D	10155950	Metals	1/5/2024
1000	Aluminum	EPA 6020B	10156420	Metals	1/5/2024
1510	Amenable cyanide	EPA 9012B	10243228	General Chemistry	1/5/2024
1515	Ammonia as N	EPA 350.1	10063602	General Chemistry	7/30/2007
5545	Aniline	EPA 8270E	10242543	Extractable Organics	1/5/2024
5555	Anthracene	EPA 8270E	10242543	Extractable Organics	1/5/2024
1005	Antimony	EPA 6010D	10155950	Metals	1/5/2024
1005	Antimony	EPA 6020B	10156420	Metals	1/5/2024
5560	Aramite	EPA 8270E	10242543	Extractable Organics	1/5/2024
8880	Aroclor-1016 (PCB-1016)	EPA 8082A	10179358	Pesticides-Herbicides-PCB's	1/5/2024
8885	Aroclor-1221 (PCB-1221)	EPA 8082A	10179358	Pesticides-Herbicides-PCB's	1/5/2024
8890	Aroclor-1232 (PCB-1232)	EPA 8082A	10179358	Pesticides-Herbicides-PCB's	1/5/2024
8895	Aroclor-1242 (PCB-1242)	EPA 8082A	10179358	Pesticides-Herbicides-PCB's	1/5/2024
8900	Aroclor-1248 (PCB-1248)	EPA 8082A	10179358	Pesticides-Herbicides-PCB's	1/5/2024
8905	Aroclor-1254 (PCB-1254)	EPA 8082A	10179358	Pesticides-Herbicides-PCB's	1/5/2024
8910	Aroclor-1260 (PCB-1260)	EPA 8082A	10179358	Pesticides-Herbicides-PCB's	1/5/2024
8912	Aroclor-1262 (PCB-1262)	EPA 8082A	10179358	Pesticides-Herbicides-PCB's	1/5/2024
8913	Aroclor-1268 (PCB-1268)	EPA 8082A	10179358	Pesticides-Herbicides-PCB's	1/5/2024
1010	Arsenic	EPA 6010D	10155950	Metals	1/5/2024
1010	Arsenic	EPA 6020B	10156420	Metals	1/5/2024
7065	Atrazine	EPA 8270E	10242543	Pesticides-Herbicides-PCB's	1/5/2024
1015	Barium	EPA 6010D	10155950	Metals	1/5/2024
1015	Barium	EPA 6020B	10156420	Metals	1/5/2024
8530	Bentazon	EPA 8151A	10183207	Pesticides-Herbicides-PCB's	1/5/2024
5570	Benzaldehyde	EPA 8270E	10242543	Extractable Organics	1/5/2024
4375	Benzene	EPA 8260D	10307127	Volatile Organics	1/5/2024
5595	Benzidine	EPA 8270E	10242543	Extractable Organics	1/5/2024
5575	Benzo(a)anthracene	EPA 8270E	10242543	Extractable Organics	1/5/2024
5580	Benzo(a)pyrene	EPA 8270E	10242543	Extractable Organics	1/5/2024
5585	Benzo(b)fluoranthene	EPA 8270E	10242543	Extractable Organics	1/5/2024
5590	Benzo(g,h,i)perylene	EPA 8270E	10242543	Extractable Organics	1/5/2024

Laboratory Scope of Accreditation

Attachment to Certificate #: E87052-83, expiration date June 30, 2025. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: E87052 EPA Lab Code: GA00006 (912) 354-7858

E87052
Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Matrix: Solid and Chemical Materials

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
5600	Benzo(k)fluoranthene	EPA 8270E	10242543	Extractable Organics	1/5/2024
5610	Benzoic acid	EPA 8270E	10242543	Extractable Organics	1/5/2024
5630	Benzyl alcohol	EPA 8270E	10242543	Extractable Organics	1/5/2024
5635	Benzyl chloride	EPA 8260D	10307127	Volatile Organics	1/5/2024
1020	Beryllium	EPA 6010D	10155950	Metals	1/5/2024
1020	Beryllium	EPA 6020B	10156420	Metals	1/5/2024
7115	beta-BHC (beta-Hexachlorocyclohexane)	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	1/5/2024
6703	Biphenyl (1,1-Biphenyl, BZ 0)	EPA 8270E	10242543	Extractable Organics	1/5/2024
5760	bis(2-Chloroethoxy)methane	EPA 8270E	10242543	Extractable Organics	1/5/2024
5765	bis(2-Chloroethyl) ether	EPA 8270E	10242543	Extractable Organics	1/5/2024
1025	Boron	EPA 6010D	10155950	Metals	1/5/2024
1540	Bromide	EPA 300.0	10053200	General Chemistry	7/30/2007
1540	Bromide	EPA 9056A	10199607	General Chemistry	1/5/2024
4385	Bromobenzene	EPA 8260D	10307127	Volatile Organics	1/5/2024
4390	Bromochloromethane	EPA 8260D	10307127	Volatile Organics	1/5/2024
4395	Bromodichloromethane	EPA 8260D	10307127	Volatile Organics	1/5/2024
4400	Bromoform	EPA 8260D	10307127	Volatile Organics	1/5/2024
5670	Butyl benzyl phthalate	EPA 8270E	10242543	Extractable Organics	1/5/2024
1030	Cadmium	EPA 6010D	10155950	Metals	1/5/2024
1030	Cadmium	EPA 6020B	10156420	Metals	1/5/2024
1035	Calcium	EPA 6010D	10155950	Metals	1/5/2024
1035	Calcium	EPA 6020B	10156420	Metals	1/5/2024
7180	Caprolactam	EPA 8270E	10242543	Extractable Organics	1/5/2024
5680	Carbazole	EPA 8270E	10242543	Extractable Organics	1/5/2024
4450	Carbon disulfide	EPA 8260D	10307127	Volatile Organics	1/5/2024
4455	Carbon tetrachloride	EPA 8260D	10307127	Volatile Organics	1/5/2024
8540	Chloramben	EPA 8151A	10183207	Pesticides-Herbicides-PCB's	1/5/2024
7250	Chlordane (tech.)	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	1/5/2024
1575	Chloride	EPA 300.0	10053200	General Chemistry	7/30/2007
1575	Chloride	EPA 9056A	10199607	General Chemistry	1/5/2024
1575	Chloride	EPA 9251	10207406	General Chemistry	12/4/2020
4475	Chlorobenzene	EPA 8260D	10307127	Volatile Organics	1/5/2024
7260	Chlorobenzilate	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	1/5/2024
4485	Chloroethane	EPA 8260D	10307127	Volatile Organics	1/5/2024
4505	Chloroform	EPA 8260D	10307127	Volatile Organics	1/5/2024
4525	Chloroprene	EPA 8260D	10307127	Volatile Organics	1/5/2024

Laboratory Scope of Accreditation

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State Laboratory ID: E87052 EPA Lab Code: GA00006 (912) 354-7858

E87052
Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Matrix: Solid and Chemical Materials

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
1040	Chromium	EPA 6010D	10155950	Metals	1/5/2024
1040	Chromium	EPA 6020B	10156420	Metals	1/5/2024
1045	Chromium VI	EPA 7199	10163005	General Chemistry	6/16/2023
5855	Chrysene	EPA 8270E	10242543	Extractable Organics	1/5/2024
4645	cis-1,2-Dichloroethylene	EPA 8260D	10307127	Volatile Organics	1/5/2024
4680	cis-1,3-Dichloropropene	EPA 8260D	10307127	Volatile Organics	1/5/2024
1050	Cobalt	EPA 6010D	10155950	Metals	1/5/2024
1050	Cobalt	EPA 6020B	10156420	Metals	1/5/2024
1055	Copper	EPA 6010D	10155950	Metals	1/5/2024
1055	Copper	EPA 6020B	10156420	Metals	1/5/2024
4555	Cyclohexane	EPA 8260D	10307127	Volatile Organics	1/5/2024
8550	Dacthal (DCPA)	EPA 8151A	10183207	Pesticides-Herbicides-PCB's	1/5/2024
8555	Dalapon	EPA 8151A	10183207	Pesticides-Herbicides-PCB's	1/5/2024
7105	delta-BHC	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	1/5/2024
6065	Di(2-ethylhexyl) phthalate (DEHP)	EPA 8270E	10242543	Extractable Organics	1/5/2024
7405	Diallate	EPA 8270E	10242543	Pesticides-Herbicides-PCB's	1/5/2024
5895	Dibenz(a,h)anthracene	EPA 8270E	10242543	Extractable Organics	1/5/2024
5905	Dibenzofuran	EPA 8270E	10242543	Extractable Organics	1/5/2024
4575	Dibromochloromethane	EPA 8260	10184404	Volatile Organics	2/6/2002
4575	Dibromochloromethane	EPA 8260D	10307127	Volatile Organics	1/5/2024
4595	Dibromomethane	EPA 8260D	10307127	Volatile Organics	1/5/2024
8595	Dicamba	EPA 8151A	10183207	Pesticides-Herbicides-PCB's	1/5/2024
4625	Dichlorodifluoromethane	EPA 8260D	10307127	Volatile Organics	1/5/2024
8605	Dichloroprop (Dichlorprop)	EPA 8151A	10183207	Pesticides-Herbicides-PCB's	1/5/2024
7470	Dieldrin	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	1/5/2024
9369	Diesel range organics (DRO)	EPA 8015C	10173816	Extractable Organics	1/5/2024
4725	Diethyl ether	EPA 8260D	10307127	Volatile Organics	1/5/2024
6070	Diethyl phthalate	EPA 8270E	10242543	Extractable Organics	1/5/2024
9375	Di-isopropylether (DIPE)	EPA 8260D	10307127	Volatile Organics	1/5/2024
7475	Dimethoate	EPA 8270E	10242543	Pesticides-Herbicides-PCB's	1/5/2024
6135	Dimethyl phthalate	EPA 8270E	10242543	Extractable Organics	1/5/2024
5925	Di-n-butyl phthalate	EPA 8270E	10242543	Extractable Organics	1/5/2024
6200	Di-n-octyl phthalate	EPA 8270E	10242543	Extractable Organics	1/5/2024
8620	Dinoseb (2-sec-butyl-4,6-dinitrophenol, DNBP)	EPA 8151A	10183207	Pesticides-Herbicides-PCB's	1/5/2024
8620	Dinoseb (2-sec-butyl-4,6-dinitrophenol, DNBP)	EPA 8270E	10242543	Pesticides-Herbicides-PCB's	1/5/2024

Laboratory Scope of Accreditation

Attachment to Certificate #: E87052-83, expiration date June 30, 2025. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: E87052 EPA Lab Code: GA00006 (912) 354-7858

E87052
Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Matrix: Solid and Chemical Materials

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
8625	Disulfoton	EPA 8270E	10242543	Pesticides-Herbicides-PCB's	1/5/2024
7510	Endosulfan I	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	1/5/2024
7515	Endosulfan II	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	1/5/2024
7520	Endosulfan sulfate	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	1/5/2024
7540	Endrin	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	1/5/2024
7530	Endrin aldehyde	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	1/5/2024
7535	Endrin ketone	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	1/5/2024
4750	Ethanol	EPA 8015C	10173816	Volatile Organics	1/5/2024
4750	Ethanol	EPA 8260D	10307127	Volatile Organics	1/5/2024
4755	Ethyl acetate	EPA 8015C	10173816	Volatile Organics	1/5/2024
4755	Ethyl acetate	EPA 8260D	10307127	Volatile Organics	1/5/2024
4760	Ethyl acrylate	EPA 8260D	10307127	Volatile Organics	1/5/2024
4810	Ethyl methacrylate	EPA 8260D	10307127	Volatile Organics	1/5/2024
6260	Ethyl methanesulfonate	EPA 8270E	10242543	Extractable Organics	1/5/2024
4765	Ethylbenzene	EPA 8260D	10307127	Volatile Organics	1/5/2024
4785	Ethylene glycol	EPA 8015C	10173816	Volatile Organics	1/5/2024
4770	Ethyl-t-butylether (ETBE)	EPA 8260D	10307127	Volatile Organics	1/5/2024
7580	Famphur	EPA 8270E	10242543	Pesticides-Herbicides-PCB's	1/5/2024
6265	Fluoranthene	EPA 8270E	10242543	Extractable Organics	1/5/2024
6270	Fluorene	EPA 8270E	10242543	Extractable Organics	1/5/2024
1730	Fluoride	EPA 300.0	10053200	General Chemistry	7/30/2007
1730	Fluoride	EPA 9056A	10199607	General Chemistry	1/5/2024
7120	gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	1/5/2024
7245	gamma-Chlordane	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	1/5/2024
9408	Gasoline range organics (GRO)	EPA 8015C	10173816	Volatile Organics	1/5/2024
7685	Heptachlor	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	1/5/2024
7690	Heptachlor epoxide	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	1/5/2024
6275	Hexachlorobenzene	EPA 8270E	10242543	Pesticides-Herbicides-PCB's	1/5/2024
4835	Hexachlorobutadiene	EPA 8260D	10307127	Volatile Organics	1/5/2024
4835	Hexachlorobutadiene	EPA 8270E	10242543	Extractable Organics	1/5/2024
6285	Hexachlorocyclopentadiene	EPA 8270E	10242543	Extractable Organics	1/5/2024
4840	Hexachloroethane	EPA 8270E	10242543	Extractable Organics	1/5/2024
6290	Hexachlorophene	EPA 8270E	10242543	Extractable Organics	1/5/2024
6295	Hexachloropropene	EPA 8270E	10242543	Extractable Organics	1/5/2024
9460	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA, GenX)	EPA 1633	10123463	Extractable Organics	1/31/2024

Laboratory Scope of Accreditation

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State Laboratory ID: E87052 EPA Lab Code: GA00006 (912) 354-7858

E87052
Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Matrix: Solid and Chemical Materials

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
1780	Ignitability	EPA 1010	10116606	General Chemistry	9/15/2022
1780	Ignitability	EPA 1010B	10234830	General Chemistry	1/5/2024
1780	Ignitability	EPA 1030	10117201	General Chemistry	7/30/2007
6315	Indeno(1,2,3-cd)pyrene	EPA 8270E	10242543	Extractable Organics	1/5/2024
4870	Iodomethane (Methyl iodide)	EPA 8260D	10307127	Volatile Organics	1/5/2024
1070	Iron	EPA 6010D	10155950	Metals	1/5/2024
1070	Iron	EPA 6020B	10156420	Metals	1/5/2024
4875	Isobutyl alcohol (2-Methyl-1-propanol)	EPA 8015C	10173816	Volatile Organics	1/5/2024
4875	Isobutyl alcohol (2-Methyl-1-propanol)	EPA 8260D	10307127	Volatile Organics	1/5/2024
7725	Isodrin	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	1/5/2024
6320	Isophorone	EPA 8270E	10242543	Extractable Organics	1/5/2024
4895	Isopropyl alcohol (2-Propanol)	EPA 8015C	10173816	Volatile Organics	1/5/2024
4895	Isopropyl alcohol (2-Propanol)	EPA 8260D	10307127	Volatile Organics	1/5/2024
4900	Isopropylbenzene	EPA 8260D	10307127	Volatile Organics	1/5/2024
6325	Isosafrole	EPA 8270E	10242543	Extractable Organics	1/5/2024
7740	Kepone	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	1/5/2024
1795	Kjeldahl nitrogen - total	EPA 351.2	10065404	General Chemistry	12/2/2005
1075	Lead	EPA 6010D	10155950	Metals	1/5/2024
1075	Lead	EPA 6020B	10156420	Metals	1/5/2024
1080	Lithium	EPA 6010D	10155950	Metals	1/5/2024
5240	m+p-Xylenes	EPA 8260D	10307127	Volatile Organics	1/5/2024
1085	Magnesium	EPA 6010D	10155950	Metals	1/5/2024
1085	Magnesium	EPA 6020B	10156420	Metals	1/5/2024
1090	Manganese	EPA 6010D	10155950	Metals	1/5/2024
1090	Manganese	EPA 6020B	10156420	Metals	1/5/2024
7775	MCPA	EPA 8151A	10183207	Pesticides-Herbicides-PCB's	1/5/2024
7780	MCPP	EPA 8151A	10183207	Pesticides-Herbicides-PCB's	1/5/2024
1095	Mercury	EPA 6020B	10156420	Metals	1/5/2024
1095	Mercury	EPA 7471B	10166457	Metals	1/5/2024
4925	Methacrylonitrile	EPA 8260D	10307127	Volatile Organics	1/5/2024
4930	Methanol	EPA 8015C	10173816	Volatile Organics	1/5/2024
6345	Methapyrilene	EPA 8270E	10242543	Extractable Organics	1/5/2024
7810	Methoxychlor	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	1/5/2024
4940	Methyl acetate	EPA 8260D	10307127	Volatile Organics	1/5/2024
4950	Methyl bromide (Bromomethane)	EPA 8260D	10307127	Volatile Organics	1/5/2024
4960	Methyl chloride (Chloromethane)	EPA 8260D	10307127	Volatile Organics	1/5/2024

Laboratory Scope of Accreditation

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State Laboratory ID: E87052 EPA Lab Code: GA00006 (912) 354-7858

E87052
Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Matrix: Solid and Chemical Materials

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
4990	Methyl methacrylate	EPA 8260D	10307127	Volatile Organics	1/5/2024
6375	Methyl methanesulfonate	EPA 8270E	10242543	Extractable Organics	1/5/2024
7825	Methyl parathion (Parathion, methyl)	EPA 8270E	10242543	Pesticides-Herbicides-PCB's	1/5/2024
5000	Methyl tert-butyl ether (MTBE)	EPA 8260D	10307127	Volatile Organics	1/5/2024
4965	Methylcyclohexane	EPA 8260D	10307127	Volatile Organics	1/5/2024
7870	Mirex	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	1/5/2024
1100	Molybdenum	EPA 6010D	10155950	Metals	1/5/2024
1100	Molybdenum	EPA 6020B	10156420	Metals	1/5/2024
5005	Naphthalene	EPA 8260D	10307127	Volatile Organics	1/5/2024
5005	Naphthalene	EPA 8270E	10242543	Extractable Organics	1/5/2024
4403	n-Butyl Acetate	EPA 8260D	10307127	Volatile Organics	1/5/2024
4425	n-Butyl alcohol	EPA 8015C	10173816	Volatile Organics	1/5/2024
4425	n-Butyl alcohol	EPA 8260D	10307127	Volatile Organics	1/5/2024
4435	n-Butylbenzene	EPA 8260D	10307127	Volatile Organics	1/5/2024
9395	N-Ethylperfluorooctane sulfonamide (N-EtFOSA)	EPA 1633	10123463	Extractable Organics	1/31/2024
4846	N-Ethylperfluorooctane sulfonamido acetic acid (NEtFOSAA)	EPA 1633	10123463	Extractable Organics	1/31/2024
9431	N-ethylperfluorooctane sulfonamido ethanol (EtFOSE)	EPA 1633	10123463	Extractable Organics	1/31/2024
1105	Nickel	EPA 6010D	10155950	Metals	1/5/2024
1105	Nickel	EPA 6020B	10156420	Metals	1/5/2024
1805	Nitrate	EPA 9056A	10199607	General Chemistry	1/5/2024
1810	Nitrate as N	EPA 300.0	10053200	General Chemistry	7/30/2007
1810	Nitrate as N	EPA 353.2	10067604	General Chemistry	12/2/2005
1835	Nitrite	EPA 9056A	10199607	General Chemistry	1/5/2024
1840	Nitrite as N	EPA 300.0	10053200	General Chemistry	7/30/2007
1840	Nitrite as N	EPA 353.2	10067604	General Chemistry	12/2/2005
5015	Nitrobenzene	EPA 8270E	10242543	Extractable Organics	1/5/2024
9433	N-Methylperfluorooctane sulfonamide (MeFOSA)	EPA 1633	10123463	Extractable Organics	1/31/2024
4847	N-Methylperfluorooctane sulfonamido acetic acid (NMeFOSAA)	EPA 1633	10123463	Extractable Organics	1/31/2024
6949	N-Methylperfluorooctane sulfonamido ethanol (MeFOSE)	EPA 1633	10123463	Extractable Organics	1/31/2024
6525	n-Nitrosodiethylamine	EPA 8270E	10242543	Extractable Organics	1/5/2024
6530	n-Nitrosodimethylamine	EPA 8270E	10242543	Extractable Organics	1/5/2024
5025	n-Nitroso-di-n-butylamine	EPA 8270E	10242543	Extractable Organics	1/5/2024
6545	n-Nitrosodi-n-propylamine	EPA 8270E	10242543	Extractable Organics	1/5/2024
6535	n-Nitrosodiphenylamine	EPA 8270E	10242543	Extractable Organics	1/5/2024

Laboratory Scope of Accreditation

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State Laboratory ID: E87052 EPA Lab Code: GA00006 (912) 354-7858

E87052
Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Matrix: Solid and Chemical Materials

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
6550	n-Nitrosomethylethylamine	EPA 8270E	10242543	Extractable Organics	1/5/2024
6555	n-Nitrosomorpholine	EPA 8270E	10242543	Extractable Organics	1/5/2024
6560	n-Nitrosopiperidine	EPA 8270E	10242543	Extractable Organics	1/5/2024
6565	n-Nitrosopyrrolidine	EPA 8270E	10242543	Extractable Organics	1/5/2024
6956	Nonafluoro-3,6-dioxaheptanoic Acid (NFDHA)	EPA 1633	10123463	Extractable Organics	1/31/2024
5055	n-Propanol (1-Propanol)	EPA 8015C	10173816	Volatile Organics	1/5/2024
5090	n-Propylbenzene	EPA 8260D	10307127	Volatile Organics	1/5/2024
8290	o,o,o-Triethyl phosphorothioate	EPA 8270E	10242543	Pesticides-Herbicides-PCB's	1/5/2024
1865	Organic nitrogen	TKN minus AMMONIA	60034437	General Chemistry	7/30/2007
1870	Orthophosphate as P	EPA 365.1	10070005	General Chemistry	11/18/2008
5250	o-Xylene	EPA 8260D	10307127	Volatile Organics	1/5/2024
1434	Paint Filter Liquids	EPA 9095B	10245600	General Chemistry	1/5/2024
7955	Parathion, ethyl	EPA 8270E	10242543	Pesticides-Herbicides-PCB's	1/5/2024
6590	Pentachlorobenzene	EPA 8270E	10242543	Extractable Organics	1/5/2024
6600	Pentachloronitrobenzene (Quintozene)	EPA 8270E	10242543	Extractable Organics	1/5/2024
6605	Pentachlorophenol	EPA 8151A	10183207	Pesticides-Herbicides-PCB's	1/5/2024
6605	Pentachlorophenol	EPA 8270E	10242543	Extractable Organics	1/5/2024
6957	Perfluoro(2-ethoxyethane) Sulfonic Acid (PFEESA)	EPA 1633	10123463	Extractable Organics	1/31/2024
6965	Perfluoro-3-methoxypropanoic Acid (PFMPA)	EPA 1633	10123463	Extractable Organics	1/31/2024
6966	Perfluoro-4-methoxybutanoic Acid (PFMBA)	EPA 1633	10123463	Extractable Organics	1/31/2024
6918	Perfluorobutane Sulfonic Acid (PFBS)	EPA 1633	10123463	Extractable Organics	1/31/2024
6915	Perfluorobutanoic Acid (PFBA)	EPA 1633	10123463	Extractable Organics	1/31/2024
6920	Perfluorodecane Sulfonic Acid (PFDS)	EPA 1633	10123463	Extractable Organics	1/31/2024
6905	Perfluorodecanoic Acid (PFDA)	EPA 1633	10123463	Extractable Organics	1/31/2024
6923	Perfluorododecane Sulfonic Acid (PFDoS)	EPA 1633	10123463	Extractable Organics	1/31/2024
6903	Perfluorododecanoic Acid (PFDoA)	EPA 1633	10123463	Extractable Organics	1/31/2024
9470	Perfluoroheptane Sulfonic Acid (PFHpS)	EPA 1633	10123463	Extractable Organics	1/31/2024
6908	Perfluoroheptanoic Acid (PFHpA)	EPA 1633	10123463	Extractable Organics	1/31/2024
6927	Perfluorohexane Sulfonic Acid (PFHxS)	EPA 1633	10123463	Extractable Organics	1/31/2024
6913	Perfluorohexanoic Acid (PFHxA)	EPA 1633	10123463	Extractable Organics	1/31/2024
6929	Perfluorononane Sulfonic Acid (PFNS)	EPA 1633	10123463	Extractable Organics	1/31/2024
6906	Perfluorononanoic Acid (PFNA)	EPA 1633	10123463	Extractable Organics	1/31/2024
6917	Perfluorooctane sulfonamide (PFOSA)	EPA 1633	10123463	Extractable Organics	1/31/2024
6931	Perfluorooctane sulfonic acid (PFOS)	EPA 1633	10123463	Extractable Organics	1/31/2024
6912	Perfluorooctanoic Acid (PFOA)	EPA 1633	10123463	Extractable Organics	1/31/2024

Laboratory Scope of Accreditation

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State Laboratory ID: E87052 EPA Lab Code: GA00006 (912) 354-7858

E87052
Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Matrix: Solid and Chemical Materials

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
6934	Perfluoropentane Sulfonic Acid (PFPeS)	EPA 1633	10123463	Extractable Organics	1/31/2024
6914	Perfluoropentanoic Acid (PFPeA)	EPA 1633	10123463	Extractable Organics	1/31/2024
6902	Perfluorotetradecanoic acid (PFTDA)	EPA 1633	10123463	Extractable Organics	1/31/2024
9563	Perfluorotridecanoic acid (PFTrDA)	EPA 1633	10123463	Extractable Organics	1/31/2024
6904	Perfluoroundecanoic acid (PFUnDA)	EPA 1633	10123463	Extractable Organics	1/31/2024
1900	pH	EPA 9045D	10198455	General Chemistry	1/5/2024
6610	Phenacetin	EPA 8270E	10242543	Extractable Organics	1/5/2024
6615	Phenanthrene	EPA 8270E	10242543	Extractable Organics	1/5/2024
6625	Phenol	EPA 8270E	10242543	Extractable Organics	1/5/2024
7985	Phorate	EPA 8270E	10242543	Pesticides-Herbicides-PCB's	1/5/2024
1910	Phosphorus, total	EPA 365.4	10071202	General Chemistry	12/2/2005
1910	Phosphorus, total	EPA 6010D	10155950	Metals	1/5/2024
8645	Picloram	EPA 8151A	10183207	Pesticides-Herbicides-PCB's	1/5/2024
1125	Potassium	EPA 6010D	10155950	Metals	1/5/2024
1125	Potassium	EPA 6020B	10156420	Metals	1/5/2024
6650	Pronamide (Kerb)	EPA 8270E	10242543	Extractable Organics	1/5/2024
6665	Pyrene	EPA 8270E	10242543	Extractable Organics	1/5/2024
5095	Pyridine	EPA 8270E	10242543	Extractable Organics	1/5/2024
6685	Safrole	EPA 8270E	10242543	Extractable Organics	1/5/2024
1140	Selenium	EPA 6010D	10155950	Metals	1/5/2024
1140	Selenium	EPA 6020B	10156420	Metals	1/5/2024
1150	Silver	EPA 6010D	10155950	Metals	1/5/2024
1150	Silver	EPA 6020B	10156420	Metals	1/5/2024
8650	Silvex (2,4,5-TP)	EPA 8151A	10183207	Pesticides-Herbicides-PCB's	1/5/2024
1155	Sodium	EPA 6010D	10155950	Metals	1/5/2024
1155	Sodium	EPA 6020B	10156420	Metals	1/5/2024
1160	Strontium	EPA 6010D	10155950	Metals	1/5/2024
2000	Sulfate	EPA 300.0	10053200	General Chemistry	7/30/2007
2000	Sulfate	EPA 9038	10196608	General Chemistry	2/6/2002
2000	Sulfate	EPA 9056A	10199607	General Chemistry	1/5/2024
2005	Sulfide	EPA 9030B	10195605	General Chemistry	1/5/2024
2005	Sulfide	EPA 9034	10196006	General Chemistry	2/6/2002
8155	Sulfotepp	EPA 8270E	10242543	Pesticides-Herbicides-PCB's	1/5/2024
1460	Synthetic Precipitation Leaching Procedure (SPLP)	EPA 1312	10119003	General Chemistry	2/6/2002
4370	T-amylmethylether (TAME)	EPA 8260D	10307127	Volatile Organics	1/5/2024
4420	tert-Butyl alcohol (2-Methyl-2-propanol)	EPA 8015C	10173816	Volatile Organics	1/5/2024

Laboratory Scope of Accreditation

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E87052
Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Matrix: Solid and Chemical Materials

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
4420	tert-Butyl alcohol (2-Methyl-2-propanol)	EPA 8260D	10307127	Volatile Organics	1/5/2024
4445	tert-Butylbenzene	EPA 8260D	10307127	Volatile Organics	1/5/2024
5115	Tetrachloroethylene (Perchloroethylene)	EPA 8260D	10307127	Volatile Organics	1/5/2024
1165	Thallium	EPA 6010D	10155950	Metals	1/5/2024
1165	Thallium	EPA 6020B	10156420	Metals	1/5/2024
8235	Thionazin (Zinophos)	EPA 8270E	10242543	Pesticides-Herbicides-PCB's	1/5/2024
1175	Tin	EPA 6010D	10155950	Metals	1/5/2024
1180	Titanium	EPA 6010D	10155950	Metals	1/5/2024
5140	Toluene	EPA 8260D	10307127	Volatile Organics	1/5/2024
1645	Total cyanide	EPA 9012B	10243228	General Chemistry	1/5/2024
1825	Total nitrate-nitrite	EPA 353.2	10067604	General Chemistry	12/2/2005
1825	Total nitrate-nitrite	EPA 9056A	10199607	General Chemistry	1/5/2024
1827	Total Nitrogen	TKN + Total Nitrate-Nitrite	60034459	General Chemistry	7/30/2007
2050	Total Petroleum Hydrocarbons (TPH)	FL-PRO	90015808	Extractable Organics	9/15/2022
1905	Total phenolics	EPA 9065	10200405	General Chemistry	2/6/2002
8250	Toxaphene (Chlorinated camphene)	EPA 8081B	10178811	Pesticides-Herbicides-PCB's	1/5/2024
1466	Toxicity Characteristic Leaching Procedure (TCLP)	EPA 1311	10118806	General Chemistry	2/6/2002
4700	trans-1,2-Dichloroethylene	EPA 8260D	10307127	Volatile Organics	1/5/2024
4685	trans-1,3-Dichloropropene	EPA 8260D	10307127	Volatile Organics	1/5/2024
4605	trans-1,4-Dichloro-2-butene	EPA 8260D	10307127	Volatile Organics	1/5/2024
5170	Trichloroethene (Trichloroethylene)	EPA 8260D	10307127	Volatile Organics	1/5/2024
5175	Trichlorofluoromethane	EPA 8260D	10307127	Volatile Organics	1/5/2024
1185	Vanadium	EPA 6010D	10155950	Metals	1/5/2024
1185	Vanadium	EPA 6020B	10156420	Metals	1/5/2024
5225	Vinyl acetate	EPA 8260D	10307127	Volatile Organics	1/5/2024
5235	Vinyl chloride	EPA 8260D	10307127	Volatile Organics	1/5/2024
5260	Xylene (total)	EPA 8260D	10307127	Volatile Organics	1/5/2024
1190	Zinc	EPA 6010D	10155950	Metals	1/5/2024
1190	Zinc	EPA 6020B	10156420	Metals	1/5/2024



State of Florida
Department of Health, Bureau of Public Health Laboratories
This is to certify that

E87689

EUROFINS ST. LOUIS
13715 RIDER TRAIL NORTH
EARTH CITY, MO 63045

has complied with Florida Administrative Code 64E-1,
for the examination of environmental samples in the following categories

DRINKING WATER - RADIOCHEMISTRY, NON-POTABLE WATER - GENERAL CHEMISTRY, NON-POTABLE WATER - METALS, NON-POTABLE WATER - RADIOCHEMISTRY, SOLID AND CHEMICAL MATERIALS - METALS, SOLID AND CHEMICAL MATERIALS - RADIOCHEMISTRY

Continued certification is contingent upon successful on-going compliance with the NELAC Standards and FAC Rule 64E-1 regulations. Specific methods and analytes certified are cited on the Laboratory Scope of Accreditation for this laboratory and are on file at the Bureau of Public Health Laboratories, P. O. Box 210, Jacksonville, Florida 32231. Clients and customers are urged to verify with this agency the laboratory's certification status in Florida for particular methods and analytes.

Date Issued: September 18, 2024 Expiration Date: June 30, 2025

Marie-Claire Rowlinson, PhD, D(ABMM)
Bureau of Public Health Laboratories
DH Form 1697, 7/04
NON-TRANSFERABLE E87689-74-09/18/2024
Supersedes all previously issued certificates

Laboratory Scope of Accreditation

Attachment to Certificate #: E87689-74, expiration date June 30, 2025. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: **E87689** EPA Lab Code: **MO00054** **(314) 298-8566**

E87689
Eurofins St. Louis
13715 Rider Trail North
Earth City, MO 63045

Matrix: **Drinking Water**

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
2830	Gross Alpha	EPA 900.0 (GPC)	10242634	Radiochemistry	12/6/2023
2830	Gross Alpha	SM 7110 C	20159028	Radiochemistry	12/8/2022
2840	Gross Beta	EPA 900.0 (GPC)	10242634	Radiochemistry	12/6/2023
3045	Isotopic uranium	DOE U-02-RC	90011408	Radiochemistry	8/15/2018
2965	Radium-226	EPA 903.0	10309407	Radiochemistry	3/31/2015
2970	Radium-228	EPA 904.0	10309805	Radiochemistry	12/10/2008
2985	Radon	SM 7500-Rn B	20173733	Radiochemistry	8/15/2018
2980	Radon-222	ST-RC-0222 / LSC	60051878	Radiochemistry	7/1/2020
1143	Selenium-79	ST-RC-0079 / LSC	60051845	Radiochemistry	7/1/2020
3005	Strontium-90	EPA 905.0	10310006	Radiochemistry	12/10/2008
3030	Tritium	EPA 906.0	10310200	Radiochemistry	12/10/2008
1184	Uranium (mass)	EPA 200.8	10014605	Radiochemistry	8/15/2018

Laboratory Scope of Accreditation

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State Laboratory ID: **E87689** EPA Lab Code: **MO00054** **(314) 298-8566**

E87689
Eurofins St. Louis
13715 Rider Trail North
Earth City, MO 63045

Matrix: **Non-Potable Water**

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
1000	Aluminum	EPA 200.7	10013806	General Chemistry,Metals	7/1/2013
1000	Aluminum	EPA 200.8	10014605	Metals	7/1/2013
1000	Aluminum	EPA 6010D	10155950	Metals	12/12/2022
1000	Aluminum	EPA 6020B	10156420	Metals	12/12/2022
1005	Antimony	EPA 200.7	10013806	Metals	7/1/2013
1005	Antimony	EPA 200.8	10014605	Metals	7/1/2013
1005	Antimony	EPA 6010D	10155950	Metals	12/12/2022
1005	Antimony	EPA 6020B	10156420	Metals	12/12/2022
1010	Arsenic	EPA 200.7	10013806	General Chemistry,Metals	7/1/2013
1010	Arsenic	EPA 200.8	10014605	Metals	7/1/2013
1010	Arsenic	EPA 6010D	10155950	Metals	12/12/2022
1010	Arsenic	EPA 6020B	10156420	Metals	12/12/2022
1015	Barium	EPA 200.7	10013806	Metals	7/1/2013
1015	Barium	EPA 200.8	10014605	Metals	7/1/2013
1015	Barium	EPA 6010D	10155950	Metals	12/12/2022
1015	Barium	EPA 6020B	10156420	Metals	12/12/2022
1020	Beryllium	EPA 200.7	10013806	General Chemistry,Metals	7/1/2013
1020	Beryllium	EPA 200.8	10014605	Metals	7/1/2013
1020	Beryllium	EPA 6010D	10155950	Metals	12/12/2022
1020	Beryllium	EPA 6020B	10156420	Metals	12/12/2022
1025	Boron	EPA 200.7	10013806	Metals	7/1/2013
1025	Boron	EPA 6010D	10155950	Metals	12/12/2022
1025	Boron	EPA 6020B	10156420	Metals	12/12/2022
1030	Cadmium	EPA 200.7	10013806	General Chemistry,Metals	7/1/2013
1030	Cadmium	EPA 200.8	10014605	Metals	7/1/2013
1030	Cadmium	EPA 6010D	10155950	Metals	12/12/2022
1030	Cadmium	EPA 6020B	10156420	Metals	12/12/2022
1035	Calcium	EPA 200.7	10013806	General Chemistry,Metals	7/1/2013
1035	Calcium	EPA 6010D	10155950	Metals	12/12/2022
1035	Calcium	EPA 6020B	10156420	Metals	12/12/2022
1040	Chromium	EPA 200.7	10013806	Metals	7/1/2013
1040	Chromium	EPA 200.8	10014605	Metals	7/1/2013
1040	Chromium	EPA 6010D	10155950	Metals	12/12/2022
1040	Chromium	EPA 6020B	10156420	Metals	12/12/2022
1050	Cobalt	EPA 200.7	10013806	Metals	7/1/2013
1050	Cobalt	EPA 200.8	10014605	Metals	7/1/2013

Laboratory Scope of Accreditation

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State Laboratory ID: **E87689** EPA Lab Code: **MO00054** **(314) 298-8566**

E87689
Eurofins St. Louis
13715 Rider Trail North
Earth City, MO 63045

Matrix: **Non-Potable Water**

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
1050	Cobalt	EPA 6010D	10155950	Metals	12/12/2022
1050	Cobalt	EPA 6020B	10156420	Metals	12/12/2022
1055	Copper	EPA 200.7	10013806	General Chemistry,Metals	7/1/2013
1055	Copper	EPA 200.8	10014605	Metals	7/1/2013
1055	Copper	EPA 6010D	10155950	Metals	12/12/2022
1055	Copper	EPA 6020B	10156420	Metals	12/12/2022
2826	Gamma Emitters	EPA 901.1	10308608	Radiochemistry	7/1/2013
2830	Gross Alpha	EPA 900.0	10308200	Radiochemistry	7/1/2013
2830	Gross Alpha	EPA 900.0 (GPC)	10242634	Radiochemistry	10/20/2023
2830	Gross Alpha	EPA 9310	10310802	Radiochemistry	7/1/2013
2840	Gross Beta	EPA 900.0	10308200	Radiochemistry	7/1/2013
2840	Gross Beta	EPA 900.0 (GPC)	10242634	Radiochemistry	10/20/2023
2840	Gross Beta	EPA 9310	10310802	Radiochemistry	7/1/2013
1070	Iron	EPA 200.7	10013806	Metals	7/1/2013
1070	Iron	EPA 6010D	10155950	Metals	12/12/2022
1070	Iron	EPA 6020B	10156420	Metals	12/12/2022
1075	Lead	EPA 200.7	10013806	General Chemistry,Metals	7/1/2013
1075	Lead	EPA 200.8	10014605	Metals	7/1/2013
1075	Lead	EPA 6010D	10155950	Metals	12/12/2022
1075	Lead	EPA 6020B	10156420	Metals	12/12/2022
1080	Lithium	EPA 6010D	10155950	Metals	12/12/2022
1085	Magnesium	EPA 200.7	10013806	General Chemistry,Metals	7/1/2013
1085	Magnesium	EPA 200.8	10014605	Metals	7/1/2013
1085	Magnesium	EPA 6010D	10155950	Metals	12/12/2022
1085	Magnesium	EPA 6020B	10156420	Metals	12/12/2022
1090	Manganese	EPA 200.7	10013806	General Chemistry,Metals	7/1/2013
1090	Manganese	EPA 200.8	10014605	Metals	7/1/2013
1090	Manganese	EPA 6010D	10155950	Metals	12/12/2022
1090	Manganese	EPA 6020B	10156420	Metals	12/12/2022
1095	Mercury	EPA 245.1	10036609	Metals	7/1/2013
1095	Mercury	EPA 7470A	10165807	Metals	12/12/2022
1100	Molybdenum	EPA 200.7	10013806	Metals	7/1/2013
1100	Molybdenum	EPA 200.8	10014605	Metals	7/1/2013
1100	Molybdenum	EPA 6010D	10155950	Metals	12/12/2022
1100	Molybdenum	EPA 6020B	10156420	Metals	12/12/2022
1105	Nickel	EPA 200.7	10013806	General Chemistry,Metals	7/1/2013

Laboratory Scope of Accreditation

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E87689
Eurofins St. Louis
13715 Rider Trail North
Earth City, MO 63045

Matrix: **Non-Potable Water**

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
1105	Nickel	EPA 200.8	10014605	Metals	7/1/2013
1105	Nickel	EPA 6010D	10155950	Metals	12/12/2022
1105	Nickel	EPA 6020B	10156420	Metals	12/12/2022
1125	Potassium	EPA 200.7	10013806	Metals	7/1/2013
1125	Potassium	EPA 6010D	10155950	Metals	12/12/2022
1125	Potassium	EPA 6020B	10156420	Metals	12/12/2022
2965	Radium-226	EPA 903.0	10309407	Radiochemistry	7/1/2013
2970	Radium-228	EPA 904.0	10309805	Radiochemistry	7/1/2013
2970	Radium-228	EPA 9320	10208603	Radiochemistry	7/1/2013
1140	Selenium	EPA 200.7	10013806	Metals	7/1/2013
1140	Selenium	EPA 200.8	10014605	Metals	7/1/2013
1140	Selenium	EPA 6010D	10155950	Metals	12/12/2022
1140	Selenium	EPA 6020B	10156420	Metals	12/12/2022
1990	Silica as SiO2	EPA 200.7	10013806	Metals	6/12/2023
1145	Silicon	EPA 6010D	10155950	Metals	6/12/2023
1150	Silver	EPA 200.7	10013806	Metals	7/1/2013
1150	Silver	EPA 200.8	10014605	Metals	7/1/2013
1150	Silver	EPA 6010D	10155950	Metals	12/12/2022
1150	Silver	EPA 6020B	10156420	Metals	12/12/2022
1155	Sodium	EPA 200.7	10013806	Metals	7/1/2013
1155	Sodium	EPA 6010D	10155950	Metals	12/12/2022
1155	Sodium	EPA 6020B	10156420	Metals	12/12/2022
1160	Strontium	EPA 200.7	10013806	Metals	7/1/2013
1160	Strontium	EPA 6010D	10155950	Metals	12/12/2022
1160	Strontium	EPA 6020B	10156420	Metals	12/12/2022
3005	Strontium-90	DOE Sr-03-RC	90009806	Radiochemistry	7/1/2013
3005	Strontium-90	EPA 905.0	10310006	Radiochemistry	7/1/2013
1165	Thallium	EPA 200.7	10013806	Metals	7/1/2013
1165	Thallium	EPA 200.8	10014605	Metals	7/1/2013
1165	Thallium	EPA 6010D	10155950	Metals	12/12/2022
1165	Thallium	EPA 6020B	10156420	Metals	12/12/2022
1170	Thorium	EPA 200.8	10014605	Metals	7/1/2013
1170	Thorium	EPA 6020B	10156420	Metals	12/12/2022
1175	Tin	EPA 200.7	10013806	Metals	7/1/2013
1175	Tin	EPA 6010D	10155950	Metals	12/12/2022
1175	Tin	EPA 6020B	10156420	Metals	12/12/2022

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E87689
Eurofins St. Louis
13715 Rider Trail North
Earth City, MO 63045

Matrix: **Non-Potable Water**

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
1180	Titanium	EPA 200.7	10013806	Metals	7/1/2013
1180	Titanium	EPA 6010D	10155950	Metals	12/12/2022
1180	Titanium	EPA 6020B	10156420	Metals	12/12/2022
2975	Total radium	EPA 903.0	10309407	Radiochemistry	4/21/2020
2975	Total radium	EPA 9315	10311009	Radiochemistry	7/1/2013
3030	Tritium	EPA 906.0	10310200	Radiochemistry	7/1/2013
1184	Uranium (mass)	EPA 200.8	10014605	Metals	7/1/2013
1184	Uranium (mass)	EPA 6020B	10156420	Metals	12/12/2022
1185	Vanadium	EPA 200.7	10013806	General Chemistry,Metals	7/1/2013
1185	Vanadium	EPA 200.8	10014605	Metals	7/1/2013
1185	Vanadium	EPA 6010D	10155950	Metals	12/12/2022
1185	Vanadium	EPA 6020B	10156420	Metals	12/12/2022
1190	Zinc	EPA 200.7	10013806	General Chemistry,Metals	7/1/2013
1190	Zinc	EPA 200.8	10014605	Metals	7/1/2013
1190	Zinc	EPA 6010D	10155950	Metals	12/12/2022
1190	Zinc	EPA 6020B	10156420	Metals	12/12/2022

Laboratory Scope of Accreditation

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State Laboratory ID: **E87689** EPA Lab Code: **MO00054** **(314) 298-8566**

E87689
Eurofins St. Louis
13715 Rider Trail North
Earth City, MO 63045

Matrix: **Solid and Chemical Materials**

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
1000	Aluminum	EPA 6010D	10155950	Metals	12/12/2022
1000	Aluminum	EPA 6020B	10156420	Metals	12/12/2022
1005	Antimony	EPA 6010D	10155950	Metals	12/12/2022
1005	Antimony	EPA 6020B	10156420	Metals	12/12/2022
1010	Arsenic	EPA 6010D	10155950	Metals	12/12/2022
1010	Arsenic	EPA 6020B	10156420	Metals	12/12/2022
1015	Barium	EPA 6010D	10155950	Metals	12/12/2022
1015	Barium	EPA 6020B	10156420	Metals	12/12/2022
1020	Beryllium	EPA 6010D	10155950	Metals	12/12/2022
1020	Beryllium	EPA 6020B	10156420	Metals	12/12/2022
1025	Boron	EPA 6010D	10155950	Metals	12/12/2022
1025	Boron	EPA 6020B	10156420	Metals	12/12/2022
1030	Cadmium	EPA 6010D	10155950	Metals	12/12/2022
1030	Cadmium	EPA 6020B	10156420	Metals	12/12/2022
1035	Calcium	EPA 6010D	10155950	Metals	12/12/2022
1035	Calcium	EPA 6020B	10156420	Metals	12/12/2022
1040	Chromium	EPA 6010D	10155950	Metals	12/12/2022
1040	Chromium	EPA 6020B	10156420	Metals	12/12/2022
1050	Cobalt	EPA 6010D	10155950	Metals	12/12/2022
1050	Cobalt	EPA 6020B	10156420	Metals	12/12/2022
1055	Copper	EPA 6010D	10155950	Metals	12/12/2022
1055	Copper	EPA 6020B	10156420	Metals	12/12/2022
2830	Gross Alpha	EPA 9310	10310802	Radiochemistry	7/1/2013
2840	Gross Beta	EPA 9310	10310802	Radiochemistry	7/1/2013
1070	Iron	EPA 6010D	10155950	Metals	12/12/2022
1070	Iron	EPA 6020B	10156420	Metals	12/12/2022
1075	Lead	EPA 6010D	10155950	Metals	12/12/2022
1075	Lead	EPA 6020B	10156420	Metals	12/12/2022
1080	Lithium	EPA 6010D	10155950	Metals	12/12/2022
1085	Magnesium	EPA 6010D	10155950	Metals	12/12/2022
1085	Magnesium	EPA 6020B	10156420	Metals	12/12/2022
1090	Manganese	EPA 6010D	10155950	Metals	12/12/2022
1090	Manganese	EPA 6020B	10156420	Metals	12/12/2022
1095	Mercury	EPA 7471B	10166457	Metals	12/12/2022
1100	Molybdenum	EPA 6010D	10155950	Metals	12/12/2022
1100	Molybdenum	EPA 6020B	10156420	Metals	12/12/2022

Laboratory Scope of Accreditation

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State Laboratory ID: **E87689** EPA Lab Code: **MO00054** **(314) 298-8566**

E87689
Eurofins St. Louis
13715 Rider Trail North
Earth City, MO 63045

Matrix: **Solid and Chemical Materials**

Analyte#	Analyte	Method/Tech	Method Code	Category	Effective Date
1105	Nickel	EPA 6010D	10155950	Metals	12/12/2022
1105	Nickel	EPA 6020B	10156420	Metals	12/12/2022
1125	Potassium	EPA 6010D	10155950	Metals	12/12/2022
1125	Potassium	EPA 6020B	10156420	Metals	12/12/2022
2970	Radium-228	EPA 9320	10208603	Radiochemistry	7/1/2013
1140	Selenium	EPA 6010D	10155950	Metals	12/12/2022
1140	Selenium	EPA 6020B	10156420	Metals	12/12/2022
1145	Silicon	EPA 6010D	10155950	Metals	12/12/2022
1150	Silver	EPA 6010D	10155950	Metals	12/12/2022
1150	Silver	EPA 6020B	10156420	Metals	12/12/2022
1155	Sodium	EPA 6010D	10155950	Metals	12/12/2022
1155	Sodium	EPA 6020B	10156420	Metals	12/12/2022
1160	Strontium	EPA 6010D	10155950	Metals	12/12/2022
1160	Strontium	EPA 6020B	10156420	Metals	12/12/2022
1165	Thallium	EPA 6010D	10155950	Metals	12/12/2022
1165	Thallium	EPA 6020B	10156420	Metals	12/12/2022
1175	Tin	EPA 6010D	10155950	Metals	12/12/2022
1175	Tin	EPA 6020B	10156420	Metals	12/12/2022
1180	Titanium	EPA 6010D	10155950	Metals	12/12/2022
1180	Titanium	EPA 6020B	10156420	Metals	12/12/2022
2975	Total radium	EPA 9315	10311009	Radiochemistry	7/1/2013
1184	Uranium (mass)	EPA 6020B	10156420	Metals	12/12/2022
1185	Vanadium	EPA 6010D	10155950	Metals	12/12/2022
1185	Vanadium	EPA 6020B	10156420	Metals	12/12/2022
1190	Zinc	EPA 6010D	10155950	Metals	12/12/2022
1190	Zinc	EPA 6020B	10156420	Metals	12/12/2022

APPENDIX C

Well Condition Assessment Forms and Well Maintenance and Repair Documentation Memorandum

APPENDIX C

Well Condition Assessment Forms

Well Inspection

Site Name: Plant Scherer

Date: 2/18/2025

Permit Number: NA

Field Conditions: Good

Well ID:	Location/Identification			
	Visible and accessible	Properly identified with correct well ID	Located in high traffic area; does the well require protection from traffic	Acceptable drainage around well (no standing water, not located in obvious drainage flow path)
SGWA-1	Yes	Yes	No	Yes
SGWA-2	Yes	Yes	No	Yes
SGWA-3	Yes	Yes	No	Yes
SGWA-4	Yes	Yes	No	Yes
SGWA-5	Yes	Yes	No	Yes
SGWC-6	Yes	Yes	No	Yes
SGWC-7	Yes	Yes	No	Yes
SGWC-8	Yes	Yes	No	Yes
SGWC-9	Yes	Yes	No	Yes
SGWC-10	Yes	Yes	No	Yes
SGWC-11	Yes	Yes	No	Yes
SGWC-12	Yes	Yes	No	Yes
SGWC-13	Yes	Yes	No	Yes
SGWC-14	Yes	Yes	No	Yes
SGWC-15	Yes	Yes	No	Yes
SGWC-16	Yes	Yes	No	Yes
SGWC-17	Yes	Yes	No	Yes
SGWC-18	Yes	Yes	No	Yes
SGWC-19	Yes	Yes	No	Yes
SGWC-20	Yes	Yes	No	Yes
SGWC-21	Yes	Yes	No	Yes
SGWC-22	Yes	Yes	No	Yes
SGWC-23	Yes	Yes	No	Yes
SGWA-24	Yes	Yes	No	Yes
SGWA-25	No	Yes	No	Yes
PZ-13S	Yes	Yes	No	Yes
PZ-14S	Yes	Yes	No	Yes
PZ-17I	Yes	Yes	No	Yes
PZ-39S	Yes	Yes	No	Yes
PZ-40I	Yes	Yes	No	Yes
PZ-41S	Yes	Yes	No	Yes
PZ-42I	Yes	Yes	No	Yes
PZ-43S	Yes	Yes	No	Yes
PZ-44I	Yes	Yes	No	Yes
PZ-69I	Yes	Yes	No	Yes
PZ-2I	Yes	Yes	No	Yes
PZ-3S	Yes	Yes	No	Yes
PZ-5I	Yes	Yes	No	Yes
PZ-9I	Yes	Yes	No	Yes

Well Inspection

Site Name: _Plant Scherer_____ Date: _2/18/2025_____

Permit Number:___NA_____ Field Conditions: ____Good_____

Well ID:	Location/Identification			
	Visible and accessible	Properly identified with correct well ID	Located in high traffic area; does the well require protection from traffic	Acceptable drainage around well (no standing water, not located in obvious drainage flow path)
PZ-10S	Yes	Yes	No	Yes
PZ-11S	Yes	Yes	No	Yes
PZ-12S	Yes	Yes	No	Yes
PZ-14I	Yes	Yes	No	Yes
PZ-15S	Yes	Yes	No	Yes
PZ-19I	Yes	Yes	No	Yes
PZ-19S	Yes	Yes	No	Yes
PZ-20I	Yes	Yes	No	Yes
PZ-21S	Yes	Yes	No	Yes
PZ-25S	Yes	Yes	No	Yes
PZ-25I	Yes	Yes	No	Yes
PZ-26S	Yes	Yes	No	Yes
PZ-27D	Yes	Yes	No	Yes
PZ-27S	Yes	Yes	No	Yes
PZ-28I	Yes	Yes	No	Yes
PZ-29S	Yes	Yes	No	Yes
PZ-30I	Yes	Yes	No	Yes
PZ-31I	Yes	Yes	No	Yes
PZ-32D	Yes	Yes	No	Yes
PZ-32S	Yes	Yes	No	Yes
PZ-33I	Yes	Yes	No	Yes
PZ-34S	Yes	Yes	No	Yes
PZ-35I	Yes	Yes	No	Yes
PZ-36I	Yes	Yes	No	Yes
PZ-36S	Yes	Yes	No	Yes
PZ-37I	Yes	Yes	No	Yes
PZ-38I	Yes	Yes	No	Yes
PZ-45D	No	Yes	No	Yes
PZ-46D	Yes	Yes	No	Yes
PZ-47D	No	Yes	No	Yes
PZ-48S	Yes	Yes	No	Yes
PZ-49D	Yes	No	No	Yes
PZ-49S	Yes	Yes	No	Yes
PZ-50D	NA	NA	NA	NA

Well Inspection

Site Name: _Plant Scherer_____ Date: _2/18/2025_____

Permit Number:___NA_____ Field Conditions: ____Good_____

Well ID:	Location/Identification			
	Visible and accessible	Properly identified with correct well ID	Located in high traffic area; does the well require protection from traffic	Acceptable drainage around well (no standing water, not located in obvious drainage flow path)
PZ-51D	Yes	Yes	No	Yes
PZ-52	Yes	Yes	No	Yes
PZ-53	Yes	Yes	No	Yes
PZ-54	Yes	Yes	No	Yes
PZ-55	Yes	Yes	No	Yes
PZ-56	No	Yes	No	Yes
PZ-57	Yes	Yes	No	Yes
PZ-58	Yes	Yes	No	Yes
PZ-59S	No	Yes	No	Yes
PZ-59D	No	Yes	No	Yes
PZ-60S	No	Yes	No	Yes
PZ-60D	No	Yes	No	Yes
PZ-61	Yes	Yes	No	Yes
PZ-62	Yes	Yes	No	Yes
PZ-63	Yes	Yes	No	Yes
PZ-64	Yes	Yes	No	Yes
PZ-65	No	Yes	No	Yes
PZ-66D	Yes	Yes	No	Yes
PZ-66	Yes	Yes	No	Yes
PZ-67D	Yes	Yes	No	Yes
PZ-67	Yes	Yes	No	Yes
PZ-68	No	Yes	No	Yes
LPZ-01	Yes	Yes	No	Yes
LPZ-02	Yes	Yes	No	Yes
LPZ-03	Yes	Yes	No	Yes
LPZ-04	Yes	Yes	No	Yes
LPZ-05	Yes	Yes	No	Yes
B-102A	Yes	Yes	No	Yes
B-102B	Yes	Yes	No	Yes
B-103A	Yes	Yes	No	Yes
B-103B	Yes	Yes	No	Yes
B-104A	Yes	Yes	No	Yes
B-104B	Yes	Yes	No	Yes
GWC-30	Yes	Yes	No	Yes
GWC-31	Yes	Yes	No	Yes
GWC-32	Yes	Yes	No	Yes
GWC-33A	Yes	Yes	No	Yes

Well Inspection

Site Name: Plant Scherer

Date: 2/18/2025

Permit Number: NA

Field Conditions: Good

Well ID:	Location/Identification			
	Visible and accessible	Properly identified with correct well ID	Located in high traffic area; does the well require protection from traffic	Acceptable drainage around well (no standing water, not located in obvious drainage flow path)
GWC-34	Yes	Yes	No	Yes
GWC-35	No	Yes	No	Yes
GWC-36	Yes	Yes	No	Yes
GWC-37	Yes	Yes	No	Yes
GWC-38	Yes	Yes	No	Yes
GWA-39	Yes	Yes	No	Yes
GWA-40	Yes	Yes	No	Yes
GWA-41	Yes	Yes	No	Yes
GWA-42	No	Yes	No	Yes
GWA-43	Yes	Yes	No	Yes
GWA-44A	No	No	No	No
GWA-54	Yes	Yes	No	Yes
GWC-1	Yes	Yes	No	Yes
GWC-2	Yes	Yes	No	Yes
GWC-3	Yes	Yes	No	Yes
GWC-4	Yes	Yes	No	Yes
GWC-5	Yes	Yes	No	Yes
GWC-6	Yes	Yes	No	Yes
GWC-7	Yes	Yes	No	Yes
GWC-8	Yes	Yes	No	Yes
GWC-8A	Yes	Yes	No	Yes
GWC-9	Yes	Yes	No	Yes
GWC-10	Yes	Yes	No	Yes
GWC-11	Yes	Yes	No	Yes
GWC-12	Yes	Yes	No	Yes
GWC-13	Yes	Yes	No	Yes
GWC-14	Yes	Yes	No	Yes
GWA-15	Yes	Yes	No	Yes
GWA-16	Yes	Yes	No	Yes
GWA-17	Yes	Yes	No	Yes
GWC-18	Yes	Yes	No	Yes
GWC-19	Yes	Yes	No	Yes
GWC-20	Yes	Yes	No	Yes
GWA-21	Yes	Yes	No	Yes
GWA-22	Yes	Yes	No	Yes
GWC-29	Yes	Yes	No	Yes
GWA-45	Yes	Yes	No	Yes

Well Inspection

Site Name: _Plant Scherer_____ Date: _2/18/2025_____

Permit Number:___NA_____ Field Conditions: ____Good_____

Well ID:	Location/Identification			
	Visible and accessible	Properly identified with correct well ID	Located in high traffic area; does the well require protection from traffic	Acceptable drainage around well (no standing water, not located in obvious drainage flow path)
GWA-46	Yes	Yes	No	Yes
GWA-47	Yes	Yes	No	Yes
GWA-48	Yes	Yes	No	Yes
GWA-49	Yes	Yes	No	Yes
GWC-50	Yes	Yes	No	Yes
GWC-51	Yes	Yes	No	Yes
GWC-52	Yes	Yes	No	Yes
GWC-53	Yes	Yes	No	Yes

Well Inspection

Site Name: Plant Scherer

Date: 2/18/2025

Permit Number: NA

Field Conditions: Good

Well ID:	Protective Casing				
	Free from apparent damage and able to be secured	No degradation or deterioration	Functioning weep hole	Annular space clear of debris and water, or filled with pea gravel/sand	Locked and is the lock in good condition
SGWA-1	Yes	Yes	Yes	Yes	Yes
SGWA-2	Yes	Yes	Yes	Yes	Yes
SGWA-3	Yes	Yes	Yes	Yes	Yes
SGWA-4	Yes	Yes	Yes	Yes	Yes
SGWA-5	Yes	Yes	Yes	Yes	Yes
SGWC-6	Yes	Yes	Yes	Yes	Yes
SGWC-7	Yes	Yes	Yes	No	Yes
SGWC-8	Yes	Yes	Yes	Yes	Yes
SGWC-9	Yes	Yes	Yes	Yes	Yes
SGWC-10	Yes	Yes	Yes	Yes	Yes
SGWC-11	Yes	Yes	Yes	Yes	Yes
SGWC-12	Yes	Yes	Yes	Yes	Yes
SGWC-13	Yes	Yes	Yes	No	Yes
SGWC-14	Yes	Yes	Yes	Yes	Yes
SGWC-15	Yes	Yes	Yes	Yes	Yes
SGWC-16	Yes	Yes	Yes	Yes	Yes
SGWC-17	Yes	Yes	Yes	Yes	Yes
SGWC-18	Yes	Yes	Yes	Yes	Yes
SGWC-19	Yes	Yes	Yes	Yes	Yes
SGWC-20	Yes	Yes	Yes	Yes	Yes
SGWC-21	Yes	Yes	Yes	Yes	Yes
SGWC-22	Yes	Yes	Yes	Yes	Yes
SGWC-23	Yes	Yes	Yes	Yes	Yes
SGWA-24	Yes	Yes	Yes	Yes	Yes
SGWA-25	Yes	Yes	Yes	Yes	Yes
PZ-13S	Yes	Yes	Yes	Yes	Yes
PZ-14S	Yes	Yes	Yes	Yes	Yes
PZ-17I	Yes	Yes	Yes	Yes	Yes
PZ-39S	Yes	Yes	Yes	Yes	Yes
PZ-40I	Yes	Yes	Yes	Yes	Yes
PZ-41S	Yes	Yes	Yes	Yes	Yes
PZ-42I	Yes	Yes	Yes	Yes	Yes
PZ-43S	Yes	Yes	Yes	Yes	Yes
PZ-44I	Yes	Yes	Yes	Yes	Yes
PZ-69I	Yes	Yes	Yes	Yes	Yes
PZ-2I	Yes	Yes	Yes	Yes	Yes
PZ-3S	Yes	Yes	Yes	Yes	Yes
PZ-5I	Yes	Yes	Yes	Yes	Yes
PZ-9I	No	Yes	Yes	Yes	Yes

Well Inspection

Site Name: Plant Scherer

Date: 2/18/2025

Permit Number: NA

Field Conditions: Good

Well ID:	Protective Casing				
	Free from apparent damage and able to be secured	No degradation or deterioration	Functioning weep hole	Annular space clear of debris and water, or filled with pea gravel/sand	Locked and is the lock in good condition
PZ-10S	Yes	Yes	Yes	Yes	Yes
PZ-11S	Yes	Yes	Yes	Yes	Yes
PZ-12S	Yes	Yes	Yes	Yes	Yes
PZ-14I	Yes	Yes	Yes	Yes	Yes
PZ-15S	Yes	Yes	Yes	Yes	Yes
PZ-19I	Yes	Yes	Yes	Yes	Yes
PZ-19S	Yes	Yes	Yes	Yes	Yes
PZ-20I	Yes	Yes	Yes	Yes	Yes
PZ-21S	Yes	Yes	Yes	Yes	Yes
PZ-25S	Yes	Yes	Yes	Yes	Yes
PZ-25I	Yes	Yes	Yes	Yes	Yes
PZ-26S	Yes	Yes	Yes	Yes	Yes
PZ-27D	Yes	Yes	Yes	Yes	Yes
PZ-27S	Yes	Yes	Yes	Yes	Yes
PZ-28I	Yes	Yes	Yes	Yes	Yes
PZ-29S	Yes	Yes	Yes	Yes	Yes
PZ-30I	Yes	Yes	Yes	Yes	Yes
PZ-31I	Yes	Yes	Yes	Yes	Yes
PZ-32D	Yes	Yes	Yes	Yes	Yes
PZ-32S	Yes	Yes	Yes	Yes	Yes
PZ-33I	Yes	Yes	Yes	Yes	Yes
PZ-34S	Yes	Yes	Yes	Yes	Yes
PZ-35I	Yes	Yes	Yes	Yes	Yes
PZ-36I	Yes	Yes	Yes	Yes	Yes
PZ-36S	Yes	Yes	Yes	Yes	Yes
PZ-37I	Yes	Yes	Yes	Yes	Yes
PZ-38I	Yes	Yes	Yes	Yes	Yes
PZ-45D	Yes	Yes	Yes	Yes	Yes
PZ-46D	Yes	Yes	Yes	Yes	Yes
PZ-47D	Yes	Yes	Yes	Yes	Yes
PZ-48S	Yes	Yes	Yes	Yes	Yes
PZ-49D	Yes	Yes	Yes	Yes	Yes
PZ-49S	Yes	Yes	Yes	Yes	Yes
PZ-50D	NA	NA	NA	NA	NA

Well Inspection

Site Name: Plant Scherer

Date: 2/18/2025

Permit Number: NA

Field Conditions: Good

Well ID:	Protective Casing				
	Free from apparent damage and able to be secured	No degradation or deterioration	Functioning weep hole	Annular space clear of debris and water, or filled with pea gravel/sand	Locked and is the lock in good condition
PZ-51D	Yes	Yes	Yes	Yes	Yes
PZ-52	Yes	Yes	Yes	Yes	Yes
PZ-53	Yes	Yes	Yes	Yes	Yes
PZ-54	Yes	Yes	Yes	Yes	Yes
PZ-55	Yes	Yes	Yes	Yes	Yes
PZ-56	Yes	Yes	Yes	Yes	Yes
PZ-57	Yes	Yes	Yes	Yes	Yes
PZ-58	Yes	Yes	Yes	Yes	Yes
PZ-59S	Yes	Yes	Yes	No	Yes
PZ-59D	Yes	Yes	Yes	Yes	Yes
PZ-60S	Yes	Yes	Yes	Yes	Yes
PZ-60D	Yes	Yes	Yes	Yes	Yes
PZ-61	Yes	Yes	Yes	Yes	Yes
PZ-62	Yes	Yes	Yes	Yes	Yes
PZ-63	Yes	Yes	Yes	Yes	Yes
PZ-64	Yes	Yes	Yes	Yes	Yes
PZ-65	Yes	Yes	Yes	Yes	Yes
PZ-66D	Yes	Yes	Yes	Yes	Yes
PZ-66	Yes	Yes	Yes	Yes	Yes
PZ-67D	Yes	Yes	Yes	Yes	Yes
PZ-67	Yes	Yes	Yes	Yes	Yes
PZ-68	Yes	Yes	Yes	Yes	Yes
LPZ-01	Yes	Yes	Yes	Yes	Yes
LPZ-02	Yes	Yes	Yes	Yes	Yes
LPZ-03	Yes	Yes	Yes	Yes	Yes
LPZ-04	Yes	Yes	Yes	Yes	Yes
LPZ-05	Yes	Yes	Yes	Yes	Yes
B-102A	Yes	Yes	Yes	Yes	Yes
B-102B	Yes	Yes	Yes	Yes	Yes
B-103A	Yes	Yes	Yes	Yes	Yes
B-103B	Yes	Yes	Yes	Yes	Yes
B-104A	Yes	Yes	Yes	Yes	Yes
B-104B	Yes	Yes	Yes	Yes	Yes
GWC-30	Yes	Yes	Yes	Yes	Yes
GWC-31	Yes	Yes	Yes	Yes	Yes
GWC-32	Yes	Yes	Yes	Yes	Yes
GWC-33A	Yes	Yes	Yes	Yes	Yes

Well Inspection

Site Name: Plant Scherer

Date: 2/18/2025

Permit Number: NA

Field Conditions: Good

Well ID:	Protective Casing				
	Free from apparent damage and able to be secured	No degradation or deterioration	Functioning weep hole	Annular space clear of debris and water, or filled with pea gravel/sand	Locked and is the lock in good condition
GWC-34	Yes	Yes	Yes	Yes	Yes
GWC-35	Yes	Yes	Yes	Yes	Yes
GWC-36	Yes	Yes	Yes	Yes	Yes
GWC-37	Yes	Yes	Yes	Yes	Yes
GWC-38	Yes	Yes	Yes	Yes	Yes
GWA-39	Yes	Yes	Yes	Yes	Yes
GWA-40	Yes	Yes	Yes	Yes	Yes
GWA-41	Yes	Yes	Yes	Yes	Yes
GWA-42	Yes	Yes	Yes	Yes	Yes
GWA-43	Yes	Yes	Yes	Yes	Yes
GWA-44A	Yes	Yes	Yes	Yes	Yes
GWA-54	Yes	Yes	Yes	Yes	Yes
GWC-1	Yes	Yes	Yes	Yes	Yes
GWC-2	Yes	Yes	Yes	Yes	Yes
GWC-3	Yes	Yes	Yes	Yes	Yes
GWC-4	Yes	Yes	Yes	Yes	Yes
GWC-5	Yes	Yes	Yes	Yes	Yes
GWC-6	Yes	Yes	Yes	Yes	Yes
GWC-7	Yes	Yes	Yes	Yes	Yes
GWC-8	Yes	Yes	Yes	Yes	Yes
GWC-8A	Yes	Yes	Yes	Yes	Yes
GWC-9	Yes	Yes	Yes	Yes	Yes
GWC-10	Yes	Yes	Yes	Yes	Yes
GWC-11	Yes	Yes	Yes	Yes	Yes
GWC-12	Yes	Yes	Yes	Yes	Yes
GWC-13	Yes	Yes	Yes	Yes	No
GWC-14	Yes	Yes	Yes	Yes	Yes
GWA-15	Yes	Yes	Yes	Yes	Yes
GWA-16	Yes	Yes	Yes	Yes	Yes
GWA-17	Yes	Yes	Yes	Yes	Yes
GWC-18	Yes	Yes	Yes	Yes	Yes
GWC-19	Yes	Yes	Yes	Yes	Yes
GWC-20	Yes	Yes	Yes	Yes	Yes
GWA-21	Yes	Yes	Yes	Yes	Yes
GWA-22	Yes	Yes	Yes	Yes	Yes
GWC-29	Yes	Yes	Yes	Yes	Yes
GWA-45	Yes	Yes	Yes	Yes	Yes

Well Inspection

Site Name: _Plant Scherer_____ Date: _2/18/2025_____

Permit Number:___NA_____ Field Conditions: ____Good_____

Well ID:	Protective Casing				
	Free from apparent damage and able to be secured	No degradation or deterioration	Functioning weep hole	Annular space clear of debris and water, or filled with pea gravel/sand	Locked and is the lock in good condition
GWA-46	Yes	Yes	Yes	Yes	Yes
GWA-47	Yes	Yes	Yes	Yes	Yes
GWA-48	Yes	Yes	Yes	Yes	Yes
GWA-49	Yes	Yes	Yes	Yes	Yes
GWC-50	Yes	Yes	Yes	Yes	Yes
GWC-51	Yes	Yes	Yes	Yes	Yes
GWC-52	Yes	Yes	Yes	Yes	Yes
GWC-53	Yes	Yes	Yes	Yes	Yes

Well Inspection

Site Name: Plant Scherer

Date: 2/18/2025

Permit Number: NA

Field Conditions: Good

Well ID:	Surface Pad			Internal Casing		
	Good condition (not cracked/ broken)	Sloped away from the protective casing	In complete contact with the ground surface and stable	Cap prevents entry of foreign material into the well	Free of kinks/bends, or any obstructions from foreign objects (such as bailers)	Properly vented for equilibration of air pressure
SGWA-1	Yes	Yes	Yes	Yes	Yes	Yes
SGWA-2	Yes	Yes	Yes	Yes	Yes	Yes
SGWA-3	Yes	Yes	Yes	Yes	Yes	Yes
SGWA-4	Yes	Yes	Yes	Yes	Yes	Yes
SGWA-5	Yes	Yes	Yes	Yes	Yes	Yes
SGWC-6	Yes	Yes	Yes	Yes	Yes	Yes
SGWC-7	Yes	Yes	Yes	Yes	Yes	Yes
SGWC-8	Yes	Yes	Yes	Yes	Yes	Yes
SGWC-9	Yes	Yes	Yes	Yes	Yes	Yes
SGWC-10	Yes	Yes	Yes	Yes	Yes	Yes
SGWC-11	Yes	Yes	Yes	Yes	Yes	Yes
SGWC-12	Yes	Yes	Yes	Yes	Yes	Yes
SGWC-13	No	Yes	Yes	Yes	Yes	Yes
SGWC-14	Yes	Yes	Yes	Yes	Yes	Yes
SGWC-15	No	Yes	Yes	Yes	Yes	Yes
SGWC-16	No	Yes	Yes	Yes	Yes	Yes
SGWC-17	No	Yes	Yes	Yes	Yes	Yes
SGWC-18	Yes	Yes	Yes	Yes	Yes	Yes
SGWC-19	Yes	Yes	Yes	Yes	Yes	Yes
SGWC-20	Yes	Yes	Yes	Yes	Yes	Yes
SGWC-21	Yes	Yes	Yes	Yes	Yes	Yes
SGWC-22	Yes	Yes	Yes	Yes	Yes	Yes
SGWC-23	Yes	Yes	Yes	Yes	Yes	Yes
SGWA-24	No	Yes	Yes	Yes	Yes	Yes
SGWA-25	Yes	Yes	Yes	Yes	Yes	Yes
PZ-13S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-14S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-17I	No	Yes	Yes	Yes	Yes	Yes
PZ-39S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-40I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-41S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-42I	Yes	Yes	Yes	No	Yes	Yes
PZ-43S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-44I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-69I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-2I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-3S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-5I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-9I	Yes	Yes	Yes	Yes	Yes	Yes

Well Inspection

Site Name: Plant Scherer

Date: 2/18/2025

Permit Number: NA

Field Conditions: Good

Well ID:	Surface Pad			Internal Casing		
	Good condition (not cracked/ broken)	Sloped away from the protective casing	In complete contact with the ground surface and stable	Cap prevents entry of foreign material into the well	Free of kinks/bends, or any obstructions from foreign objects (such as bailers)	Properly vented for equilibration of air pressure
PZ-10S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-11S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-12S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-14I	Yes	Yes	Yes	No	Yes	Yes
PZ-15S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-19I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-19S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-20I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-21S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-25S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-25I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-26S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-27D	Yes	Yes	Yes	Yes	Yes	Yes
PZ-27S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-28I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-29S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-30I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-31I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-32D	Yes	Yes	Yes	No	Yes	Yes
PZ-32S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-33I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-34S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-35I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-36I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-36S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-37I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-38I	Yes	Yes	Yes	Yes	Yes	Yes
PZ-45D	Yes	Yes	Yes	Yes	Yes	Yes
PZ-46D	Yes	Yes	Yes	Yes	Yes	Yes
PZ-47D	Yes	Yes	Yes	Yes	Yes	Yes
PZ-48S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-49D	Yes	Yes	Yes	Yes	Yes	Yes
PZ-49S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-50D	NA	NA	NA	NA	NA	NA

Well Inspection

Site Name: Plant Scherer

Date: 2/18/2025

Permit Number: NA

Field Conditions: Good

Well ID:	Surface Pad			Internal Casing		
	Good condition (not cracked/ broken)	Sloped away from the protective casing	In complete contact with the ground surface and stable	Cap prevents entry of foreign material into the well	Free of kinks/bends, or any obstructions from foreign objects (such as bailers)	Properly vented for equilibration of air pressure
PZ-51D	Yes	Yes	Yes	Yes	Yes	Yes
PZ-52	Yes	Yes	Yes	Yes	Yes	Yes
PZ-53	Yes	Yes	Yes	Yes	Yes	Yes
PZ-54	No	Yes	Yes	Yes	Yes	Yes
PZ-55	Yes	Yes	Yes	Yes	Yes	Yes
PZ-56	Yes	Yes	Yes	Yes	Yes	Yes
PZ-57	Yes	Yes	Yes	Yes	Yes	Yes
PZ-58	Yes	Yes	Yes	Yes	Yes	Yes
PZ-59S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-59D	Yes	Yes	Yes	Yes	Yes	Yes
PZ-60S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-60D	Yes	Yes	Yes	Yes	Yes	Yes
PZ-61	Yes	Yes	Yes	Yes	Yes	Yes
PZ-62	Yes	Yes	Yes	Yes	Yes	Yes
PZ-63	Yes	Yes	Yes	Yes	Yes	Yes
PZ-64	Yes	Yes	Yes	Yes	Yes	Yes
PZ-65	Yes	Yes	Yes	Yes	Yes	Yes
PZ-66D	Yes	Yes	Yes	Yes	Yes	Yes
PZ-66	Yes	Yes	Yes	Yes	Yes	Yes
PZ-67D	Yes	Yes	Yes	Yes	Yes	Yes
PZ-67	Yes	Yes	Yes	Yes	Yes	Yes
PZ-68	Yes	Yes	Yes	Yes	Yes	Yes
LPZ-01	Yes	Yes	Yes	Yes	Yes	Yes
LPZ-02	Yes	Yes	Yes	Yes	Yes	Yes
LPZ-03	Yes	Yes	Yes	Yes	Yes	Yes
LPZ-04	Yes	Yes	Yes	Yes	Yes	Yes
LPZ-05	Yes	Yes	Yes	Yes	Yes	Yes
B-102A	Yes	Yes	Yes	Yes	Yes	Yes
B-102B	Yes	Yes	Yes	Yes	Yes	Yes
B-103A	Yes	Yes	Yes	Yes	Yes	Yes
B-103B	Yes	Yes	Yes	Yes	Yes	Yes
B-104A	Yes	Yes	Yes	Yes	Yes	Yes
B-104B	Yes	Yes	Yes	Yes	Yes	Yes
GWC-30	No	Yes	Yes	Yes	Yes	Yes
GWC-31	Yes	Yes	Yes	Yes	Yes	Yes
GWC-32	Yes	Yes	Yes	Yes	Yes	Yes
GWC-33A	No	Yes	No	Yes	Yes	Yes

Well Inspection

Site Name: Plant Scherer

Date: 2/18/2025

Permit Number: NA

Field Conditions: Good

Well ID:	Surface Pad			Internal Casing		
	Good condition (not cracked/ broken)	Sloped away from the protective casing	In complete contact with the ground surface and stable	Cap prevents entry of foreign material into the well	Free of kinks/bends, or any obstructions from foreign objects (such as bailers)	Properly vented for equilibration of air pressure
GWC-34	No	Yes	Yes	Yes	Yes	Yes
GWC-35	Yes	Yes	Yes	Yes	Yes	Yes
GWC-36	No	Yes	No	Yes	Yes	Yes
GWC-37	Yes	Yes	Yes	Yes	Yes	Yes
GWC-38	Yes	Yes	Yes	Yes	Yes	Yes
GWA-39	No	Yes	Yes	Yes	Yes	Yes
GWA-40	Yes	Yes	Yes	Yes	Yes	Yes
GWA-41	Yes	Yes	Yes	Yes	Yes	Yes
GWA-42	Yes	Yes	Yes	Yes	Yes	Yes
GWA-43	Yes	Yes	Yes	Yes	Yes	Yes
GWA-44A	Yes	Yes	Yes	Yes	Yes	Yes
GWA-54	Yes	Yes	Yes	Yes	Yes	Yes
GWC-1	Yes	Yes	Yes	Yes	Yes	Yes
GWC-2	Yes	Yes	Yes	Yes	Yes	Yes
GWC-3	Yes	Yes	Yes	Yes	Yes	Yes
GWC-4	Yes	Yes	Yes	Yes	Yes	Yes
GWC-5	Yes	Yes	Yes	Yes	Yes	Yes
GWC-6	Yes	Yes	Yes	Yes	Yes	Yes
GWC-7	Yes	Yes	Yes	Yes	Yes	Yes
GWC-8	Yes	Yes	Yes	Yes	Yes	Yes
GWC-8A	Yes	Yes	Yes	Yes	Yes	Yes
GWC-9	Yes	Yes	Yes	Yes	Yes	Yes
GWC-10	Yes	Yes	Yes	Yes	Yes	Yes
GWC-11	Yes	Yes	Yes	Yes	Yes	Yes
GWC-12	Yes	Yes	Yes	Yes	Yes	Yes
GWC-13	Yes	Yes	Yes	Yes	Yes	Yes
GWC-14	Yes	Yes	Yes	Yes	Yes	Yes
GWA-15	Yes	Yes	Yes	Yes	Yes	Yes
GWA-16	Yes	Yes	Yes	Yes	Yes	Yes
GWA-17	Yes	Yes	Yes	Yes	Yes	Yes
GWC-18	Yes	Yes	Yes	Yes	Yes	Yes
GWC-19	Yes	Yes	Yes	Yes	Yes	Yes
GWC-20	Yes	Yes	Yes	Yes	Yes	Yes
GWA-21	Yes	Yes	Yes	Yes	Yes	Yes
GWA-22	Yes	Yes	Yes	Yes	Yes	Yes
GWC-29	Yes	Yes	Yes	Yes	Yes	Yes
GWA-45	Yes	Yes	Yes	Yes	Yes	Yes

Well Inspection

Site Name: Plant Scherer Date: 2/18/2025

Permit Number: NA Field Conditions: Good

Well ID:	Surface Pad			Internal Casing		
	Good condition (not cracked/ broken)	Sloped away from the protective casing	In complete contact with the ground surface and stable	Cap prevents entry of foreign material into the well	Free of kinks/bends, or any obstructions from foreign objects (such as bailers)	Properly vented for equilibration of air pressure
GWA-46	Yes	Yes	Yes	Yes	Yes	Yes
GWA-47	Yes	Yes	Yes	Yes	Yes	Yes
GWA-48	Yes	Yes	Yes	Yes	Yes	Yes
GWA-49	Yes	Yes	Yes	Yes	Yes	Yes
GWC-50	Yes	Yes	Yes	Yes	Yes	Yes
GWC-51	Yes	Yes	Yes	No	Yes	Yes
GWC-52	Yes	Yes	Yes	Yes	Yes	Yes
GWC-53	Yes	Yes	Yes	Yes	Yes	Yes

Well Inspection

Site Name: _Plant Scherer_____ Date: _2/18/2025_____

Permit Number:___NA_____ Field Conditions: ____Good_____

Well ID:	Corrective actions as needed, by date:
SGWA-1	
SGWA-2	
SGWA-3	
SGWA-4	
SGWA-5	
SGWC-6	
SGWC-7	
SGWC-8	
SGWC-9	
SGWC-10	
SGWC-11	
SGWC-12	
SGWC-13	
SGWC-14	
SGWC-15	
SGWC-16	
SGWC-17	
SGWC-18	
SGWC-19	
SGWC-20	
SGWC-21	
SGWC-22	
SGWC-23	
SGWA-24	
SGWA-25	Clear overgrowth
PZ-13S	
PZ-14S	
PZ-17I	
PZ-39S	
PZ-40I	
PZ-41S	
PZ-42I	
PZ-43S	
PZ-44I	
PZ-69I	
PZ-2I	
PZ-3S	
PZ-5I	
PZ-9I	

Well Inspection

Site Name: _Plant Scherer_____ Date: _2/18/2025_____

Permit Number:___NA_____ Field Conditions: ____Good_____

Well ID:	Corrective actions as needed, by date:
PZ-10S	
PZ-11S	
PZ-12S	
PZ-14I	
PZ-15S	
PZ-19I	
PZ-19S	
PZ-20I	
PZ-21S	
PZ-25S	
PZ-25I	
PZ-26S	
PZ-27D	
PZ-27S	
PZ-28I	
PZ-29S	
PZ-30I	
PZ-31I	
PZ-32D	
PZ-32S	
PZ-33I	
PZ-34S	
PZ-35I	
PZ-36I	
PZ-36S	
PZ-37I	
PZ-38I	
PZ-45D	Clear path
PZ-46D	
PZ-47D	Clear path
PZ-48S	
PZ-49D	
PZ-49S	
PZ-50D	Not required - no access

Well Inspection

Site Name: _Plant Scherer_____ Date: _2/18/2025_____

Permit Number:___NA_____ Field Conditions: ____Good_____

Well ID:	Corrective actions as needed, by date:
PZ-51D	
PZ-52	
PZ-53	
PZ-54	Ant mound on well pad needs removal
PZ-55	
PZ-56	Overgrown- area surrounding well pad needs clearing
PZ-57	
PZ-58	
PZ-59S	Needs overgrowth cleared
PZ-59D	Needs overgrowth cleared
PZ-60S	Needs overgrowth cleared
PZ-60D	Needs overgrowth cleared
PZ-61	
PZ-62	
PZ-63	
PZ-64	
PZ-65	
PZ-66D	
PZ-66	
PZ-67D	
PZ-67	
PZ-68	
LPZ-01	
LPZ-02	
LPZ-03	
LPZ-04	
LPZ-05	
B-102A	
B-102B	
B-103A	
B-103B	
B-104A	
B-104B	
GWC-30	
GWC-31	
GWC-32	
GWC-33A	Erosion on SE corner of pad - needs reinforcement

Well Inspection

Site Name: _Plant Scherer_____ Date: _2/18/2025_____

Permit Number:___NA_____ Field Conditions: ____Good_____

Well ID:	Corrective actions as needed, by date:
GWC-34	Ant mound on well pad needs removal
GWC-35	
GWC-36	Erosion on SE corner of pad - needs reinforcement
GWC-37	
GWC-38	
GWA-39	Some cracks in pad, needs completion
GWA-40	
GWA-41	
GWA-42	Brush on concrete pad needs clearing
GWA-43	
GWA-44A	Standing water surrounding 3 sides of well. Needs "A" added to label.
GWA-54	
GWC-1	
GWC-2	
GWC-3	
GWC-4	
GWC-5	
GWC-6	
GWC-7	
GWC-8	
GWC-8A	
GWC-9	
GWC-10	
GWC-11	
GWC-12	
GWC-13	Lock needs to be replaced
GWC-14	
GWA-15	
GWA-16	
GWA-17	
GWC-18	
GWC-19	
GWC-20	
GWA-21	
GWA-22	
GWC-29	
GWA-45	

Well Inspection

Site Name: _Plant Scherer_____ Date: _2/18/2025_____

Permit Number:___NA_____ Field Conditions: ____Good_____

Well ID:	Corrective actions as needed, by date:
GWA-46	
GWA-47	
GWA-48	
GWA-49	
GWC-50	
GWC-51	
GWC-52	
GWC-53	

APPENDIX C

Well Maintenance and Repair Documentation Memorandum

TECHNICAL MEMORANDUM

DATE August

TO Joju Abraham, PG
Southern Company Services

CC Ben Hodges, Georgia Power Company

FROM WSP USA Inc.

PLANT SCHERER CELL 1, CELL 3, AND PAC ASH CELL – WELL MAINTENANCE AND REPAIR DOCUMENTATION

GEORGIA POWER COMPANY

WSP USA Inc. (WSP) has prepared this memorandum to provide documentation of groundwater monitoring well maintenance and/or repair performed at Plant Scherer Cell 1, Cell 3, and PAC Ash Cell during the semi-annual reporting period. Repairs and maintenance were completed in accordance with the Georgia Environmental Protection Division (GAEPD) guidance on routine visual inspections of groundwater monitoring wells.

Table 1: Plant Scherer Cell 1, Cell 3, and PAC Ash Cell – Well Maintenance Summary

Georgia Power Site/Unit	Date Performed	Well ID	Maintenance/Repair Performed
Scherer / Landfill	04/2025	GWC-33A	Reinforcement for erosion on southeast corner of well pad
Scherer / Landfill	04/2025	GWC-34	Cleared anthill from well pad
Scherer / Landfill	04/2025	GWC-36	Reinforcement for erosion on southeast corner of well pad
Scherer / Landfill	04/2025	GWA-39	Cracking in well pad repaired
Scherer / Landfill	04/2025	GWA-42	Cleared brush on well pad
Scherer / Landfill	04/2025	GWA-44A	Drainage control around well.
Scherer / Landfill	04/2025	GWC-13	Replaced well lock

All maintenance and repairs are also documented in the 2025 semi-annual groundwater monitoring report.

WSP
5170 Peachtree Road Building 100 Suite 300, Atlanta, Georgia, USA 30341 T: +1 770 496-1893 F: +1 770 934-9476

WSP USA Inc.



Dawn L. Prell
Technical Principal, Hydrogeologist



Rhonda N. Quinn,
PG *Senior Geologist*

Southern Company CFS
Plant Scherer April 2025 Well O&M (April 10th)

GWA-39 – Cracking in well pad repaired





Southern Company

APPENDIX D

Historical Surface Water Monitoring Data

Historic Surface Water
Georgia Power Company
Plant Scherer - Surface Water
Monroe County, GA

Sample Location		SWA-1	SWA-2	SWA-3	SWC-4	SWC-6	SWC-7	SWC-8
Sample Date		02/17/2025	02/17/2025	02/17/2025	02/17/2025	02/17/2025	02/17/2025	02/17/2025
ANALYTE	UNITS							
APPENDIX III								
Boron	mg/L	0.27	1.1	0.36	0.32	< 0.022	0.22	0.53
Calcium	mg/L	15	33	11	15	6.4	15	20
Chloride	mg/L	3.6	9.5 J	9.0	6.3	2.8	4.7 J	9.0
Fluoride	mg/L	< 0.080	< 0.40	< 0.20	< 0.20	< 0.040	< 0.20	< 0.040
pH, Field	SU	7.54	6.87	6.85	7.05	7.07	7.2	6.76
Sulfate	mg/L	39	180	63	57	2.8	37	99
TDS	mg/L	110	320	150	160	86	130	210
STATE REQUIRED INORGANICS								
Chemical Oxygen Demand	mg/L	< 5.0	< 5.0	< 5.0	NA	NA	< 5.0	NA
Cyanide	mg/L	< 0.0060	< 0.0060	< 0.0060	NA	NA	< 0.0060	NA
Organic Carbon, Total	mg/L	3.7	1.4	1.1	NA	NA	2.7	NA
STATE REQUIRED METALS								
Antimony	mg/L	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034
Arsenic	mg/L	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086
Barium	mg/L	0.054	0.068	0.052	0.053	0.028	0.050	0.058
Beryllium	mg/L	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020
Cadmium	mg/L	< 0.000078	< 0.000078	< 0.000078	< 0.000078	< 0.000078	< 0.000078	< 0.000078
Chromium	mg/L	0.0015 J	< 0.0012	0.0013 J	0.0012 J	0.0015 J	0.0016 J	0.0013 J
Cobalt	mg/L	0.00030 J	0.0067	0.014	0.0042	0.0016 J	0.0012 J	0.0066
Copper	mg/L	0.0029	< 0.0011	0.0012 J	< 0.0011	< 0.0011	0.013	< 0.0011
Lead	mg/L	0.00028 J	< 0.00021	< 0.00021	0.00023 J	< 0.00021	0.00084 J	< 0.00021
Mercury	mg/L	< 0.000080	< 0.000080	< 0.000080	< 0.000080	< 0.000080	< 0.000080	< 0.000080
Nickel	mg/L	0.0011	0.0016	0.0033	0.0012	0.00069 J	0.0011	0.0016
Selenium	mg/L	< 0.00099	< 0.00099	< 0.00099	< 0.00099	< 0.00099	< 0.00099	< 0.00099
Silver	mg/L	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00039
Thallium	mg/L	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026
Vanadium	mg/L	0.0027	0.00074 J	0.00080 J	0.0016 J	0.0021	0.0023	0.0013 J
Zinc	mg/L	0.017	0.0031 J	0.011	0.0035 J	< 0.0028	0.014	0.0039 J
MAJOR IONS								
Alkalinity Total as CaCO3	mg/L	41	44	22	40	41	45	39
Bicarbonate Alkalinity as CaCO3	mg/L	41	44	22	40	41	45	39
Carbonate Alkalinity as CaCO3	mg/L	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2
Magnesium	mg/L	5.3	19	7.3	8.6	3.8	6.6	11
Potassium	mg/L	2.3	1.4	1.4	1.1	0.86	1.6	1.2
Sodium	mg/L	11	39	19	16	5.4	12	23
FIELD PARAMETERS								
Oxidation Reduction Potential, Field	mV	95.54	20.51	72.34	52.02	65.64	67.19	48.75
pH, Field	SU	7.54	6.87	6.85	7.05	7.07	7.2	6.76
RDO Concentration, Field	mg/L	9.1	8.72	9.02	9.27	10.05	10.55	8.67
Specific Conductance, Field	uS/cm	178.77	512.95	235.52	238.05	90.54	197.48	318.52
Temperature, Field	deg C	12.59	12.67	11.52	13.32	12.11	11.53	12.44
Turbidity, Field	NTU	20.2	6.71	9.3	24	23.8	24.1	12.9

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

Historic Surface Water
Georgia Power Company
Plant Scherer - Surface Water
Monroe County, GA

Sample Location		SWA-2	SWA-3	SWC-4	SWC-6	SWC-7	SWC-8
Sample Date		08/07/2024	08/07/2024	08/07/2024	08/07/2024	08/07/2024	08/07/2024
ANALYTE	UNITS						
APPENDIX III							
Boron	mg/L	1.8	0.44	0.65	< 0.022	0.50	1.2
Calcium	mg/L	50	16	27	13	26	36
Chloride	mg/L	14	11	8.6	2.4	8.6	1.2
Fluoride	mg/L	< 0.40	< 0.20	< 0.20	< 0.040	< 0.20	< 0.040
pH, Field	SU	7.46	7.51	7.31	7.62	7.66	7.03
Sulfate	mg/L	280	57	100	0.85 J	69	16
TDS	mg/L	500	170	250	110	220	340
STATE REQUIRED INORGANICS							
Chemical Oxygen Demand	mg/L	9.0 J	< 5.0	NA	NA	< 5.0	NA
Cyanide	mg/L	< 0.0060	< 0.0060	NA	NA	< 0.0060	NA
Organic Carbon, Total	mg/L	1.4	0.79 J	NA	NA	1.7	NA
STATE REQUIRED METALS							
Antimony	mg/L	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034
Arsenic	mg/L	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086
Barium	mg/L	0.079	0.038	0.048	0.021	0.055	0.065
Beryllium	mg/L	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020
Cadmium	mg/L	< 0.000078	< 0.000078	< 0.000078	< 0.000078	< 0.000078	< 0.000078
Chromium	mg/L	< 0.0012	0.0015 J	< 0.0012	0.0016 J	< 0.0012	< 0.0012
Cobalt	mg/L	0.0031	0.0016 J	0.00078 J	0.00032 J	0.00027 J	0.0017 J
Copper	mg/L	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011
Lead	mg/L	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021	< 0.00021
Mercury	mg/L	< 0.000080	< 0.000080	< 0.000080	< 0.000080	< 0.000080	< 0.000080
Nickel	mg/L	0.0010	0.00073 J	< 0.00042	0.00056 J	0.00048 J	0.00070 J
Selenium	mg/L	< 0.00099	< 0.00099	< 0.00099	< 0.00099	< 0.00099	< 0.00099
Silver	mg/L	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00039
Thallium	mg/L	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026
Vanadium	mg/L	< 0.00063	0.0016 J	0.00082 J	0.0046	0.0020	0.00069 J
Zinc	mg/L	< 0.0028	< 0.0028	< 0.0028	< 0.0028	< 0.0028	< 0.0028
MAJOR IONS							
Alkalinity Total as CaCO3	mg/L	57	51	74	97	90	63
Bicarbonate Alkalinity as CaCO3	mg/L	57	51	74	97	90	63
Carbonate Alkalinity as CaCO3	mg/L	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Magnesium	mg/L	26	9.1	14	6.6	13	19
Potassium	mg/L	1.9	1.4	1.5	1.4	2.0	1.8
Sodium	mg/L	62	21	27	7.5	23	43
FIELD PARAMETERS							
Oxidation Reduction Potential, Field	mV	0.41	-5.43	31.27	51.91	54.47	15.38
pH, Field	SU	7.46	7.51	7.31	7.62	7.66	7.03
RDO Concentration, Field	mg/L	7.28	7.85	7.12	7.52	6.58	6.47
Specific Conductance, Field	uS/cm	703.19	252.38	366.15	137.38	334.28	490.01
Temperature, Field	deg C	27.64	24.83	23.76	24.53	24.77	24.87
Turbidity, Field	NTU	3.29	13.6	3.77	549	6.99	3.77

Notes:
mg/L - milligrams per liter; SU - Standard Units; mV - millivolts; C - degrees Celcius; NTU - Nephelometric Turbidity Unit; uS/cm - microsiemens per centimeter.
NA - Indicates substance not analyzed
< indicates the substance was not detected above the reporting limit (RL). The value displayed is the RL.
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Historic Surface Water
Georgia Power Company
Plant Scherer - Surface Water
Monroe County, GA

Sample Location		SWA-1	SWA-3	SWC-4	SWC-6	SWC-7	SWC-8	SWA-2
Sample Date		02/29/2024	02/29/2024	02/29/2024	02/29/2024	02/29/2024	02/29/2024	02/26/2024
ANALYTE	UNITS							
APPENDIX III								
Boron	mg/L	0.23	0.47	0.57	0.028 J	0.37	0.93	1.2
Calcium	mg/L	15	14	24	11	22	28	37
Chloride	mg/L	4.7	13	9.4	3.0	7.4	12	14
Fluoride	mg/L	< 0.40	< 0.40	< 0.40	< 0.20	< 0.40	< 0.40	< 1.0
pH, Field	SU	7.8	7.09	7.56	7.67	7.83	7.19	7.07
Sulfate	mg/L	42	79	96	1.3	61	140	230
TDS	mg/L	120	160	200	85	160	240	380
STATE REQUIRED INORGANICS								
Chemical Oxygen Demand	mg/L	16	< 5.0	NA	NA	7.9 J	NA	< 5.0
Cyanide	mg/L	0.0066 J	0.0079 J	NA	NA	0.0082 J	NA	0.0077 J
Organic Carbon, Total	mg/L	4.7	0.78 J	NA	NA	2.6	NA	1.1
STATE REQUIRED METALS								
Antimony	mg/L	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034
Arsenic	mg/L	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086
Barium	mg/L	0.050	0.047	0.070	0.028	0.059	0.064	0.069
Beryllium	mg/L	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020
Cadmium	mg/L	< 0.000078	< 0.000078	< 0.000078	< 0.000078	< 0.000078	< 0.000078	< 0.000078
Chromium	mg/L	0.0014 J	0.0012 J	0.0017 J	0.0017 J	0.0013 J	< 0.0012	< 0.0012
Cobalt	mg/L	0.00022 J	0.0048	0.0047	0.0018 J	0.00043 J	0.0046	0.0054
Copper	mg/L	0.0033	< 0.0011	0.0017 J	< 0.0011	0.0016 J	< 0.0011	< 0.0011
Lead	mg/L	0.00026 J	0.00024 J	0.00042 J	< 0.00021	< 0.00021	< 0.00021	< 0.00021
Mercury	mg/L	< 0.000080	< 0.000080	< 0.000080	< 0.000080	< 0.000080	< 0.000080	< 0.000080
Nickel	mg/L	0.0014	0.0011	0.0013	0.00074 J	0.00082 J	0.0011	0.0010
Selenium	mg/L	< 0.00099	< 0.00099	< 0.00099	< 0.00099	< 0.00099	< 0.00099	< 0.00099
Silver	mg/L	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00039
Thallium	mg/L	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026
Vanadium	mg/L	0.0029	< 0.00063	0.0039	0.0023	0.0022	0.00067 J	0.00077 J
Zinc	mg/L	0.0075	< 0.0028	0.0037 J	< 0.0028	< 0.0028	< 0.0028	< 0.0028
MAJOR IONS								
Alkalinity Total as CaCO3	mg/L	52	35	60	62	63	50	50
Bicarbonate Alkalinity as CaCO3	mg/L	52	35	60	62	63	50	50
Carbonate Alkalinity as CaCO3	mg/L	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Magnesium	mg/L	5.8	9.1	13	6.0	11	16	21
Potassium	mg/L	2.3	1.4	1.3	1.1	2.1	1.4	1.2
Sodium	mg/L	13	26	27	7.3	21	37	48
FIELD PARAMETERS								
Oxidation Reduction Potential, Field	mV	77.29	22.77	14.35	39.8	46.1	14.41	-3.04
pH, Field	SU	7.8	7.09	7.56	7.67	7.83	7.19	7.07
RDO Concentration, Field	mg/L	8.97	9.12	9.73	10.27	10.29	8.88	7.88
Specific Conductance, Field	uS/cm	179.9	254.79	319.83	106.96	249.23	397.38	619.18
Temperature, Field	deg C	10.55	13.23	13.66	11.59	12.15	13.66	18.21
Turbidity, Field	NTU	9.49	5.2	5.84	7.39	7.22	4.56	3.75

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

Historic Surface Water
Georgia Power Company
Plant Scherer - Surface Water
Monroe County, GA

Sample Location		SWA-2	SWA-3	SWC-4	SWC-6	SWC-7	SWC-8
Sample Date		08/09/2023	08/09/2023	08/09/2023	08/09/2023	08/09/2023	08/09/2023
ANALYTE	UNITS						
APPENDIX III							
Boron	mg/L	2.3	0.60	1.1	0.057 J	0.44	1.7
Calcium	mg/L	55	15	35	11	17	43
Chloride	mg/L	11	11	8.5	2.3	4.2	10
Fluoride	mg/L	0.11	0.043 J	0.092 J	0.095 J	0.18	0.096 J
pH, Field	SU	7.37	7.55	7.56	7.88	8.04	7.38
Sulfate	mg/L	290	73	170	0.72 J	48	220
TDS	mg/L	480	180	290	93	130	370
STATE REQUIRED INORGANICS							
Chemical Oxygen Demand	mg/L	< 5.0	< 5.0	NA	NA	< 5.0	NA
Cyanide	mg/L	0.0026 J	0.0034 J	NA	NA	< 0.0025	NA
Organic Carbon, Total	mg/L	1.4	0.73 J	NA	NA	3.1	NA
STATE REQUIRED METALS							
Antimony	mg/L	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034
Arsenic	mg/L	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086
Barium	mg/L	0.086	0.038	0.060	0.024	0.048	0.074
Beryllium	mg/L	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020	< 0.00020
Cadmium	mg/L	< 0.000078	< 0.000078	< 0.000078	< 0.000078	< 0.000078	< 0.000078
Chromium	mg/L	< 0.0012	0.0023	< 0.0012	0.0020	< 0.0012	< 0.0012
Cobalt	mg/L	0.0033	0.0016 J	0.00093 J	0.00044 J	0.00023 J	0.0021 J
Copper	mg/L	< 0.0011	< 0.0011	< 0.0011	< 0.0011	0.0021	< 0.0011
Lead	mg/L	< 0.00021	< 0.00021	0.00028 J	< 0.00021	< 0.00021	< 0.00021
Mercury	mg/L	< 0.000080	< 0.000080	< 0.000080	< 0.000080	< 0.000080	< 0.000080
Nickel	mg/L	0.0012	0.00077 J	0.00045 J	< 0.00042	0.00056 J	0.00068 J
Selenium	mg/L	< 0.00099	< 0.00099	< 0.00099	< 0.00099	< 0.00099	< 0.00099
Silver	mg/L	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00039	< 0.00039
Thallium	mg/L	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026	< 0.00026
Vanadium	mg/L	< 0.00063	0.0013 J	0.0014 J	0.0027	0.0026	< 0.00063
Zinc	mg/L	< 0.0028	< 0.0028	< 0.0028	< 0.0028	< 0.0028	< 0.0028
MAJOR IONS							
Alkalinity Total as CaCO3	mg/L	60	38	61	63	60	58
Bicarbonate Alkalinity as CaCO3	mg/L	60	38	61	63	60	58
Carbonate Alkalinity as CaCO3	mg/L	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Magnesium	mg/L	29	8.6	19	5.8	7.7	22
Potassium	mg/L	2.7	1.7	2.0	1.3	2.4	2.4
Sodium	mg/L	49	24	32	6.8	16	38
FIELD PARAMETERS							
Oxidation Reduction Potential, Field	mV	54.49	56.50	104.55	31.76	69.45	72.52
pH, Field	SU	7.37	7.55	7.56	7.88	8.04	7.38
RDO Concentration, Field	mg/L	6.38	7.48	6.32	6.40	6.60	6.15
Specific Conductance, Field	uS/cm	723.25	287.61	457.13	122.50	240.74	564.01
Temperature, Field	deg C	27.52	27.92	29.66	29.42	28.97	28.30
Turbidity, Field	NTU	3.59	5.30	1.6	11.2	5.75	2.88

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

Historic Surface Water
Georgia Power Company
Plant Scherer - Surface Water
Monroe County, GA

Sample Location		SWA-1	SWA-2	SWA-3	SWC-4	SWC-5	SWC-6	SWC-7	SWC-8
Sample Date		03/01/2023	03/01/2023	03/01/2023	03/01/2023	03/01/2023	03/01/2023	03/01/2023	03/01/2023
ANALYTE	UNITS								
APPENDIX III									
Boron	mg/L	0.46	1.3	0.68	0.68	0.15	< 0.060	0.54	0.87
Calcium	mg/L	22	43	15	25	41	10	23	26
Chloride	mg/L	7.3	12	12	8.3	13	2.6	7.9	11
Fluoride	mg/L	0.20	0.063 J	0.043 J	0.060 J	0.39	0.070 J	0.20	0.059 J
pH, Field	SU	7.35	6.96	6.99	7.39	7.08	7.71	7.90	6.98
Sulfate	mg/L	65	210	86	88	64	2.1	68	130
TDS	mg/L	170	400	190	220	250	89	190	280
STATE REQUIRED INORGANICS									
Chemical Oxygen Demand	mg/L	< 9.1	< 9.1	< 9.1	NA	NA	NA	< 9.1	NA
Cyanide	mg/L	< 0.0080	< 0.0080	< 0.0080	NA	NA	NA	< 0.0080	NA
Organic Carbon, Total	mg/L	5.8	1.7	0.88 J	NA	NA	NA	2.6	NA
STATE REQUIRED METALS									
Antimony	mg/L	< 0.00097	< 0.00097	< 0.00097	< 0.00097	< 0.00097	< 0.00097	< 0.00097	< 0.00097
Arsenic	mg/L	0.00066 J	< 0.00028	< 0.00028	< 0.00028	< 0.00028	< 0.00028	0.00041 J	< 0.00028
Barium	mg/L	0.066	0.082	0.052	0.055	0.041	0.024	0.051	0.066
Beryllium	mg/L	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027
Cadmium	mg/L	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022
Chromium	mg/L	< 0.0015	< 0.0015	< 0.0015	< 0.0015	0.0018 J	< 0.0015	< 0.0015	0.0020
Cobalt	mg/L	< 0.00026	0.0069	0.0049	0.0017 J	< 0.00026	0.00091 J	0.00027 J	0.0052
Copper	mg/L	0.0034	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	0.0016 J	0.0016 J
Lead	mg/L	< 0.00038	< 0.00038	< 0.00038	< 0.00038	< 0.00038	< 0.00038	< 0.00038	< 0.00038
Mercury	mg/L	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013
Nickel	mg/L	0.00090 J	0.0011	0.0011	0.00062 J	0.00079 J	0.00052 J	< 0.00052	0.0010
Selenium	mg/L	0.0014 J	< 0.00074	< 0.00074	< 0.00074	0.0020 J	< 0.00074	0.00079 J	< 0.00074
Silver	mg/L	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022
Thallium	mg/L	< 0.00047	< 0.00047	< 0.00047	< 0.00047	< 0.00047	< 0.00047	< 0.00047	< 0.00047
Vanadium	mg/L	0.0031	0.00091 J	0.0011	0.0013	0.0052	0.0028	0.0024	0.0062
Zinc	mg/L	0.0084 J	< 0.0060	< 0.0060	< 0.0060	< 0.0060	< 0.0060	0.0075 J	< 0.0060
MAJOR IONS									
Alkalinity Total as CaCO3	mg/L	61	60	36	62	100	61	74	55
Bicarbonate Alkalinity as CaCO3	mg/L	61	60	36	62	100	61	74	55
Carbonate Alkalinity as CaCO3	mg/L	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Magnesium	mg/L	9.3	24	10	13	13	5.4	11	14
Potassium	mg/L	3.4	1.5	1.6	1.3	2.9	1.1	2.0	1.4
Sodium	mg/L	24	54	31	29	9.9	6.4	22	33
FIELD PARAMETERS									
Oxidation Reduction Potential, Field	mV	65.98	10.5	32.20	12.60	40.38	14.77	45.50	18.20
pH, Field	SU	7.35	6.96	6.99	7.39	7.08	7.71	7.90	6.98
RDO Concentration, Field	mg/L	7.35	8.03	8.19	8.40	6.00	8.12	9.44	8.10
Specific Conductance, Field	uS/cm	262.97	547.52	276.67	308.56	337.75	100.17	270.66	342
Temperature, Field	deg C	19.30	17.7	16.54	19.03	21.46	24.38	22.00	16.39
Turbidity, Field	NTU	9.11	6.47	12.7	47.4	15.5	9.40	14.4	34.1

Notes:
mg/L - milligrams per liter; SU - Standard Units; mV - millivolts; C - degrees Celcius; NTU - Nephelometric Turbidity Unit; uS/cm - microsiemens per centimeter.
NA - Indicates substance not analyzed
< indicates the substance was not detected above the reporting limit (RL). The value displayed is the RL.
J - The result is an estimated concentration. "J" qualifiers are applied by the laboratory when the concentration reported is above the method detection limit, but below the laboratory reporting limit.
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Historic Surface Water
Georgia Power Company
Plant Scherer - Surface Water
Monroe County, GA

Sample Location		SWA-3	SWC-8	SWA-1	SWA-2	SWC-4	SWC-5	SWC-6	SWC-7	SWA-3	SWC-8
Sample Date		11/16/2022	11/16/2022	10/26/2022	10/26/2022	10/26/2022	10/26/2022	10/26/2022	10/26/2022	10/25/2022	10/25/2022
ANALYTE	UNITS										
APPENDIX III											
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoride	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
pH, Field	SU	6.50	6.59	9	7.33	7.45	7.17	7.41	7.48	6.86	6.93
Sulfate	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TDS	mg/L	250	280	310	450	240	180	110	230	150 H	310 H
STATE REQUIRED INORGANICS											
Chemical Oxygen Demand	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cyanide	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Organic Carbon, Total	mg/L	NA	NA	4.7	2.0	NA	NA	NA	3.3	1.2	NA
STATE REQUIRED METALS											
Antimony	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MAJOR IONS											
Alkalinity Total as CaCO3	mg/L	NA	NA	73	55	63	100	NA	NA	43	NA
Bicarbonate Alkalinity as CaCO3	mg/L	NA	NA	49	55	63	100	NA	NA	43	NA
Carbonate Alkalinity as CaCO3	mg/L	NA	NA	25	< 5.0	< 5.0	< 5.0	NA	NA	< 5.0	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FIELD PARAMETERS											
Oxidation Reduction Potential, Field	mV	109.55	70.98	22.2	209.48	15	-16.58	34.24	35.18	48.88	19.08
pH, Field	SU	6.50	6.59	9	7.33	7.45	7.17	7.41	7.48	6.86	6.93
RDO Concentration, Field	mg/L	10.52	10.32	11.85	11.95	10.09	3.65	8.16	9.64	7.28	6.67
Specific Conductance, Field	uS/cm	410.18	424.52	499.67	981.85	355.83	284.27	139.03	376.62	250	446.92
Temperature, Field	deg C	13.98	13.81	25.94	17.42	17.86	17.65	18.32	17.07	21.51	18.53
Turbidity, Field	NTU	3.55	14.7	5.76	5.76	4.27	53.4	4.78	3.54	2.33	4.12

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

Historic Surface Water
Georgia Power Company
Plant Scherer - Surface Water
Monroe County, GA

Sample Location		SWA-1	SWA-2	SWA-3	SWC-4	SWC-5	SWC-6	SWC-7	SWC-8
Sample Date		08/30/2022	08/30/2022	08/30/2022	08/30/2022	08/30/2022	08/30/2022	08/30/2022	08/30/2022
ANALYTE	UNITS								
APPENDIX III									
Boron	mg/L	0.13	1.4	0.62	0.62	0.080	< 0.060	0.40	0.89
Calcium	mg/L	26	40	14	26	31	11	26	29
Chloride	mg/L	33	13	11	9.2	9.0	2.5	32	11
Fluoride	mg/L	0.64	0.070 J	0.047 J	0.060 J	0.31	0.12	0.58	0.061 J
pH, Field	SU	7.89	7.29	7.23	7.71	7.27	7.97	8.09	7.31
Sulfate	mg/L	120	220	66	100	26	1.3	120	140
TDS	mg/L	370 H	460 H	180 H	270 H	210 H	100 H	370 H	330 H
STATE REQUIRED INORGANICS									
Chemical Oxygen Demand	mg/L	30	< 9.1	< 9.1	NA	NA	NA	20	NA
Cyanide	mg/L	< 0.0080	< 0.0080	< 0.0080	NA	NA	NA	< 0.0080	NA
Organic Carbon, Total	mg/L	8.3 H	1.8 H	0.91 J,H	NA	NA	NA	7.1 H	NA
STATE REQUIRED METALS									
Antimony	mg/L	< 0.00051	< 0.00051	< 0.00051	< 0.00051	< 0.00051	< 0.00051	< 0.00051	< 0.00051
Arsenic	mg/L	0.0012	< 0.00028	< 0.00028	< 0.00028	< 0.00028	< 0.00028	0.0010	< 0.00028
Barium	mg/L	0.099	0.076	0.042	0.050	0.029	0.024	0.10	0.064
Beryllium	mg/L	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027
Cadmium	mg/L	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022
Chromium	mg/L	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015
Cobalt	mg/L	< 0.00026	0.0053	0.0032	0.0013 J	0.00048 J	0.00089 J	0.00043 J	0.0038
Copper	mg/L	0.0055	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	0.0063	< 0.0011
Lead	mg/L	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017
Mercury	mg/L	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013
Nickel	mg/L	0.012	0.0011	0.0011	0.00068 J	0.00087 J	0.0014	0.0038	0.00074 J
Selenium	mg/L	0.0017 J	< 0.00074	< 0.00074	< 0.00074	< 0.00074	< 0.00074	0.0014 J	< 0.00074
Silver	mg/L	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022
Thallium	mg/L	< 0.00047	< 0.00047	< 0.00047	< 0.00047	< 0.00047	< 0.00047	< 0.00047	< 0.00047
Vanadium	mg/L	0.0040	0.00083 J	0.0019	0.0015	0.0020	0.0029	0.0052	0.0015
Zinc	mg/L	0.0035 J	< 0.0029	0.0033 J	< 0.0029	< 0.0029	0.0063	0.0051	0.0096
MAJOR IONS									
Alkalinity Total as CaCO3	mg/L	93 H	59 H	37 H	64 H	110 H	62	91	60
Bicarbonate Alkalinity as CaCO3	mg/L	93 H	59 H	37 H	64 H	110 H	62	91	60
Carbonate Alkalinity as CaCO3	mg/L	< 5.0 H	< 5.0 H	< 5.0 H	< 5.0 H	< 5.0 H	< 5.0	< 5.0	< 5.0
Magnesium	mg/L	14	22	8.9	14	10	5.7	15	16
Potassium	mg/L	11	1.6	1.5	1.4	2.6	1.0	11	1.4
Sodium	mg/L	62	47	23	27	8.9	6.3	63	34
FIELD PARAMETERS									
Oxidation Reduction Potential, Field	mV	99.4	12.48	17.35	80.44	52.31	25.66	51.86	28.69
pH, Field	SU	7.89	7.29	7.23	7.71	7.27	7.97	8.09	7.31
RDO Concentration, Field	mg/L	7.15	7.3	7.37	7.34	4.18	7.68	7.08	6.76
Specific Conductance, Field	uS/cm	618.55	648.15	281.25	407.73	314.71	142.55	589.44	472
Temperature, Field	deg C	27.34	25.44	25.74	24.96	25.07	25.27	28.44	26.63
Turbidity, Field	NTU	4.68	4.37	5.35	3.6	1.06	6.67	2.99	3.95

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

Historic Surface Water
Georgia Power Company
Plant Scherer - Surface Water
Monroe County, GA

Sample Location		SWA-1	SWA-2	SWA-3	SWC-4	SWC-5	SWC-6	SWC-7	SWC-8	SWC-9
Sample Date		02/16/2022	02/16/2022	02/16/2022	02/16/2022	02/16/2022	02/16/2022	02/16/2022	02/16/2022	02/16/2022
ANALYTE	UNITS									
APPENDIX III										
Boron	mg/L	0.29	1.1	0.76	0.63	0.091	< 0.060	0.38	0.82	0.064 J
Calcium	mg/L	19	33	14	20	38	8.5	19	24	9.9
Chloride	mg/L	11	10	12	9.0	13	3.0	7.8	10	3.3
Fluoride	mg/L	0.33	0.076 J	0.055 J	0.067 J	0.29	0.086 J	0.12	0.059 J	0.12
pH, Field	SU	7.82	7.02	6.98	7.29	7.15	7.42	7.39	7.05	7.15
Sulfate	mg/L	72	170	110	98	55	1.4	69	140	2.7
TDS	mg/L	170	340	200	200	230	66	190	250	80
STATE REQUIRED INORGANICS										
Chemical Oxygen Demand	mg/L	16	< 9.1	< 9.1	NA	NA	NA	< 9.1	NA	NA
Cyanide	mg/L	< 0.0080	0.011	< 0.0080	NA	NA	NA	< 0.0080	NA	NA
Organic Carbon, Total	mg/L	5.4	1.4	0.77 J	NA	NA	NA	2.4	NA	NA
STATE REQUIRED METALS										
Antimony	mg/L	< 0.00051	< 0.00051	< 0.00051	< 0.00051	< 0.00051	< 0.00051	< 0.00051	< 0.00051	< 0.00051
Arsenic	mg/L	0.00036 J	< 0.00028	< 0.00028	< 0.00028	< 0.00028	< 0.00028	< 0.00028	< 0.00028	< 0.00028
Barium	mg/L	0.060	0.063	0.045	0.053	0.045	0.033	0.057	0.058	0.020
Beryllium	mg/L	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027
Cadmium	mg/L	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022
Chromium	mg/L	< 0.0015	< 0.0015	< 0.0015	< 0.0015	0.0015 J	< 0.0015	0.0020	< 0.0015	0.0060
Cobalt	mg/L	< 0.00026	0.0060	0.014	0.0041	< 0.00026	0.0037	0.0016 J	0.0076	< 0.00026
Copper	mg/L	0.0033	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	0.0017 J	< 0.0011	< 0.0011
Lead	mg/L	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	0.00017 J	< 0.00017	0.00025 J
Mercury	mg/L	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013
Nickel	mg/L	0.00095 J	0.00097 J	0.0026	0.00092 J	< 0.00052	< 0.00052	0.0010	0.0013	< 0.00052
Selenium	mg/L	0.00081 J	< 0.00074	< 0.00074	< 0.00074	0.0029 J	< 0.00074	< 0.00074	< 0.00074	< 0.00074
Silver	mg/L	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022
Thallium	mg/L	< 0.00047	< 0.00047	< 0.00047	< 0.00047	< 0.00047	< 0.00047	< 0.00047	< 0.00047	< 0.00047
Vanadium	mg/L	0.0033	< 0.00078	< 0.00078	0.0012	0.0026	0.0014	0.0044	< 0.00078	0.0072
Zinc	mg/L	0.0054	< 0.0029	0.0062	< 0.0029	< 0.0029	< 0.0029	< 0.0029	< 0.0029	< 0.0029
MAJOR IONS										
Alkalinity Total as CaCO3	mg/L	51	56	22	50	93	55	61	43	55
Bicarbonate Alkalinity as CaCO3	mg/L	51	56	22	50	93	55	61	43	55
Carbonate Alkalinity as CaCO3	mg/L	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Magnesium	mg/L	8.1	20	11	12	13	5.1	10	14	4.8
Potassium	mg/L	3.5	1.1	1.7	1.1	2.8	0.84	1.7	1.2	1.4
Sodium	mg/L	23	42	33	27	9.9	5.9	21	34	6.0
FIELD PARAMETERS										
Oxidation Reduction Potential, Field	mV	94.2	20	29.7	61.1	56.4	44.5	62.6	34.5	52.4
pH, Field	SU	7.82	7.02	6.98	7.29	7.15	7.42	7.39	7.05	7.15
RDO Concentration, Field	mg/L	11.55	9.49	9.88	10.94	10.04	10.62	11.22	10.04	9.1
Specific Conductance, Field	uS/cm	281.96	505.83	337.46	329.44	355.4	111.19	281.87	409.56	117.86
Temperature, Field	deg C	8.66	15.43	14.17	9.36	10.69	11.95	11.84	14.72	15.71
Turbidity, Field	NTU	13.2	6.16	2.48	7.33	0.88	7.74	19.8	3.58	4.5

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

Historic Surface Water
Georgia Power Company
Plant Scherer - Surface Water
Monroe County, GA

Sample Location		SWA-2	SWA-3	SWC-4	SWC-5	SWC-6	SWC-7	SWC-8	SWC-9
Sample Date		08/13/2021	08/13/2021	08/13/2021	08/13/2021	08/13/2021	08/13/2021	08/13/2021	08/13/2021
ANALYTE	UNITS								
APPENDIX III									
Boron	mg/L	1.6	0.51	0.75	0.048 J	< 0.039	0.52	1.1	< 0.039
Calcium	mg/L	46	13	28	31	12	22	33	9.7
Chloride	mg/L	13	12	9.3	11	2.9	6.7	12	2.8
Fluoride	mg/L	0.064 J	0.053 J	0.073 J	0.26	0.087 J	0.14	0.061 J	0.099 J
pH, Field	SU	7.07	7.23	7.33	7	7.63	7.49	7.3	7.04
Sulfate	mg/L	270	64	120	31	1	58	180	2.7
TDS	mg/L	500	180	280	200	120	180	360	98
STATE REQUIRED INORGANICS									
Chemical Oxygen Demand	mg/L	< 9.1	< 9.1	NA	NA	NA	< 9.1	NA	NA
Cyanide	mg/L	0.016	< 0.008	NA	NA	NA	< 0.008	NA	NA
Organic Carbon, Total	mg/L	1.4	0.91 J	NA	NA	NA	3.3	NA	NA
STATE REQUIRED METALS									
Antimony	mg/L	< 0.00038	< 0.00038	< 0.00038	< 0.00038	< 0.00038	< 0.00038	< 0.00038	< 0.00038
Arsenic	mg/L	< 0.00031	< 0.00031	< 0.00031	< 0.00031	0.00032 J	0.00033 J	< 0.00031	< 0.00031
Barium	mg/L	0.093	0.038	0.062	0.036	0.023	0.056	0.069	0.02
Beryllium	mg/L	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018
Cadmium	mg/L	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022
Chromium	mg/L	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	0.0057
Cobalt	mg/L	0.0064	0.0022 J	0.0017 J	0.00063 J	0.0012 J	0.00039 J	0.0032	< 0.00013
Copper	mg/L	< 0.00063	< 0.00063	< 0.00063	< 0.00063	< 0.00063	0.0014 J	< 0.00063	< 0.00063
Lead	mg/L	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013
Mercury	mg/L	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013
Nickel	mg/L	0.0014	0.00071 J	0.00075 J	0.00048 J	0.0004 J	0.00056 J	0.00087 J	0.0005 J
Selenium	mg/L	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015
Silver	mg/L	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018
Thallium	mg/L	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015
Vanadium	mg/L	< 0.00099	0.0012	0.0021	0.0022	0.0027	0.003	0.001	0.0072
Zinc	mg/L	< 0.0032	< 0.0032	< 0.0032	< 0.0032	< 0.0032	< 0.0032	< 0.0032	< 0.0032
MAJOR IONS									
Alkalinity Total as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Bicarbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Carbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
FIELD PARAMETERS									
Oxidation Reduction Potential, Field	mV	181.7	213.6	263.7	198.1	370.5	415.3	289.9	359.3
pH, Field	SU	7.07	7.23	7.33	7	7.63	7.49	7.3	7.04
RDO Concentration, Field	mg/L	7.1	7.45	7.38	4.52	7.83	6.72	7.23	8.41
Specific Conductance, Field	uS/cm	706.2	263.8	418.4	355	151.6	287.8	528.3	125.6
Temperature, Field	deg C	25.32	25.28	24.48	24.8	24.88	26.88	26.37	23.3
Turbidity, Field	NTU	4.44	3.99	1.5	1.56	10.02	3.49	3.31	0.32

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

Historic Surface Water
Georgia Power Company
Plant Scherer - Surface Water
Monroe County, GA

Sample Location		SWA-1	SWA-2	SWA-3	SWC-4	SWC-6	SWC-7	SWC-8	SWC-9
Sample Date		04/07/2021	04/07/2021	04/07/2021	04/07/2021	04/07/2021	04/07/2021	04/07/2021	04/07/2021
ANALYTE	UNITS								
APPENDIX III									
Boron	mg/L	0.31	0.98	0.53	0.54	< 0.039	0.35	0.78	< 0.039
Calcium	mg/L	18	37	14	22	10	21	27	10
Chloride	mg/L	3.6	11	11	8	2.6	6.8	11	2.4
Fluoride	mg/L	0.18	0.052 J	0.039 J	0.067 J	0.093 J	0.085 J	0.031 J	0.076 J
pH, Field	SU	7.47	6.99	6.97	7.5	7.73	7.51	7.17	6.71
Sulfate	mg/L	44	190	90	90	0.98 J	60	140	2.3
TDS	mg/L	110	340	160	200	83	150	250	85
STATE REQUIRED INORGANICS									
Chemical Oxygen Demand	mg/L	< 9.1	< 9.1	< 9.1	NA	NA	< 9.1	NA	NA
Cyanide	mg/L	< 0.008	< 0.008	< 0.008	NA	NA	< 0.008	NA	NA
Organic Carbon, Total	mg/L	4.5	1.4	0.88 J	NA	NA	1.9	NA	NA
STATE REQUIRED METALS									
Antimony	mg/L	< 0.00038	< 0.00038	< 0.00038	< 0.00038	< 0.00038	< 0.00038	< 0.00038	< 0.00038
Arsenic	mg/L	0.00041 J	< 0.00031	< 0.00031	< 0.00031	< 0.00031	< 0.00031	< 0.00031	< 0.00031
Barium	mg/L	0.051	0.071	0.047	0.048	0.029	0.049	0.062	0.019
Beryllium	mg/L	< 0.00018	< 0.00018	< 0.00018	0.00022 J	< 0.00018	< 0.00018	< 0.00018	< 0.00018
Cadmium	mg/L	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022
Chromium	mg/L	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	0.006
Cobalt	mg/L	0.00014 J	0.007	0.0054	0.0025	0.0029	0.0011 J	0.0056	0.00027 J
Copper	mg/L	0.0033	< 0.00063	< 0.00063	< 0.00063	< 0.00063	0.00085 J	< 0.00063	< 0.00063
Lead	mg/L	< 0.00013	< 0.00013	< 0.00013	0.00018 J	< 0.00013	< 0.00013	< 0.00013	< 0.00013
Mercury	mg/L	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013
Nickel	mg/L	0.00075 J	0.0011	0.0013	0.00076 J	0.00051 J	0.00056 J	0.00091 J	< 0.00034
Selenium	mg/L	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015
Silver	mg/L	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018
Thallium	mg/L	< 0.00015	< 0.00015	< 0.00015	0.00037 J	< 0.00015	< 0.00015	< 0.00015	< 0.00015
Vanadium	mg/L	0.0028	0.0013	0.0018	0.0011	0.0017	0.0014	< 0.00099	0.0062
Zinc	mg/L	< 0.0032	< 0.0032	0.0035 J	< 0.0032	< 0.0032	< 0.0032	< 0.0032	< 0.0032
MAJOR IONS									
Alkalinity Total as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Bicarbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Carbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
FIELD PARAMETERS									
Oxidation Reduction Potential, Field	mV	79.5	40.4	54.1	73.2	71.2	79.3	61.3	82
pH, Field	SU	7.47	6.99	6.97	7.5	7.73	7.51	7.17	6.71
RDO Concentration, Field	mg/L	10.81	7.45	7.97	9.19	9.12	9.83	8.26	7.83
Specific Conductance, Field	uS/cm	218.71	562.67	296.44	331.3	137.85	268.92	426.74	120.95
Temperature, Field	deg C	25.56	22.98	23.83	21.02	21.5	22.43	24.06	20.99
Turbidity, Field	NTU	2.26	5.15	3.49	5.7	12.19	6.78	5.58	0.9

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

Historic Surface Water
Georgia Power Company
Plant Scherer - Surface Water
Monroe County, GA

Sample Location		SWA-1	SWA-2	SWA-3	SWC-4	SWC-5	SWC-6	SWC-7	SWC-8	SWC-9
Sample Date		09/15/2020	09/15/2020	09/15/2020	09/15/2020	09/15/2020	09/15/2020	09/15/2020	09/15/2020	09/15/2020
ANALYTE	UNITS									
APPENDIX III										
Boron	mg/L	0.34	1.5	0.48	0.7	0.056 J	< 0.039	0.33	1.1	0.043 J
Calcium	mg/L	20	45	13	27	35	13	21	32	9.7
Chloride	mg/L	11	12	10	10	14	3.2	12	12	3.2
Fluoride	mg/L	0.16	0.042 J	< 0.026	0.035 J	0.15	0.061 J	0.18	0.043 J	0.079 J
pH, Field	SU	7.17	7.09	7.37	7.33	7.31	7.5	7.39	7.36	7.29
Sulfate	mg/L	62	220	69	120	44	0.73 J	67	170	5.3
TDS	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
STATE REQUIRED INORGANICS										
Chemical Oxygen Demand	mg/L	10	< 4.1	< 4.1	NA	NA	NA	44	NA	NA
Cyanide	mg/L	< 0.0044	< 0.0044	< 0.0044	NA	NA	NA	< 0.0044	NA	NA
Organic Carbon, Total	mg/L	3.2	1.4	0.69 J	NA	NA	NA	3.1	NA	NA
STATE REQUIRED METALS										
Antimony	mg/L	< 0.00038	< 0.00038	< 0.00038	< 0.00038	0.00042 J	< 0.00038	< 0.00038	< 0.00038	< 0.00038
Arsenic	mg/L	0.0007 J	< 0.00031	< 0.00031	< 0.00031	< 0.00031	< 0.00031	0.00063 J	< 0.00031	< 0.00031
Barium	mg/L	0.075	0.09	0.044	0.071	0.04	0.038	0.071	0.073	0.023
Beryllium	mg/L	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018
Cadmium	mg/L	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022
Chromium	mg/L	< 0.0015	< 0.0015	< 0.0015	0.0022	0.0023	< 0.0015	< 0.0015	< 0.0015	0.0053
Cobalt	mg/L	< 0.00013	0.0059	0.003	0.003	0.0012 J	0.0028	0.00035 J	0.0032	< 0.00013
Copper	mg/L	0.002	< 0.00063	< 0.00063	0.0012 J	0.0012 J	< 0.00063	0.0019 J	< 0.00063	< 0.00063
Lead	mg/L	< 0.00013	< 0.00013	< 0.00013	0.0005 J	0.0005 J	< 0.00013	< 0.00013	< 0.00013	< 0.00013
Mercury	mg/L	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013
Nickel	mg/L	0.00068 J	0.00093 J	0.00091 J	0.0011	0.00099 J	0.00057 J	0.00096 J	0.00077 J	0.00051 J
Selenium	mg/L	< 0.0015	< 0.0015	< 0.0015	< 0.0015	0.0019 J	< 0.0015	< 0.0015	< 0.0015	< 0.0015
Silver	mg/L	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018
Thallium	mg/L	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015
Vanadium	mg/L	0.004	0.0013	0.0025	0.0068	0.0076	0.0029	0.0042	0.0019	0.0076
Zinc	mg/L	< 0.0032	< 0.0032	< 0.0032	< 0.0032	< 0.0032	< 0.0032	< 0.0032	< 0.0032	< 0.0032
MAJOR IONS										
Alkalinity Total as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bicarbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
FIELD PARAMETERS										
Oxidation Reduction Potential, Field	mV	115.2	34.2	44.7	87.6	68.5	56.7	71.3	60.5	57.7
pH, Field	SU	7.17	7.09	7.37	7.33	7.31	7.5	7.39	7.36	7.29
RDO Concentration, Field	mg/L	6.79	6.94	7.73	7.47	4.88	7.7	7.49	7.58	8.09
Specific Conductance, Field	uS/cm	323.39	656.87	263.16	421.07	343.04	157.24	320.91	508.04	123.72
Temperature, Field	deg C	26.69	22.31	21.9	23.43	22.75	22.7	24.52	22.48	21.43
Turbidity, Field	NTU	2.19	3.43	6.58	9.25	24	12.4	5.19	4.45	0.97

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

Historic Surface Water
Georgia Power Company
Plant Scherer - Surface Water
Monroe County, GA

Sample Location		SWA-1	SWA-2	SWA-3	SWC-4	SWC-5	SWC-6	SWC-7	SWC-8
Sample Date		03/30/2020	03/30/2020	03/30/2020	03/30/2020	03/30/2020	03/30/2020	03/30/2020	03/30/2020
ANALYTE	UNITS								
APPENDIX III									
Boron	mg/L	0.3	0.57	0.58	0.52	0.077 J	< 0.039	0.29	0.66
Calcium	mg/L	18	13	13	20	50	11	18	23
Chloride	mg/L	3.5	10	11	7.6	22	2.4	5.4	9.5
Fluoride	mg/L	0.048 J	< 0.026	< 0.026	< 0.026	0.14	< 0.026	0.039 J	< 0.026
pH, Field	SU	7.98	6.8	6.96	7.24	7.23	7.38	7.41	6.77
Sulfate	mg/L	41	86	91	89	86	1.2	50	120
TDS	mg/L	120	200	200	220	300	100	160	270
STATE REQUIRED INORGANICS									
Chemical Oxygen Demand	mg/L	< 9.1	< 9.1	< 9.1	NA	NA	NA	17	NA
Cyanide	mg/L	< 0.0044 H	< 0.0044 H	< 0.0044	NA	NA	NA	< 0.0044	NA
Organic Carbon, Total	mg/L	3.4	1	1	NA	NA	NA	1.8	NA
STATE REQUIRED METALS									
Antimony	mg/L	< 0.00038	< 0.00038	< 0.00038	< 0.00038	< 0.00038	< 0.00038	< 0.00038	< 0.00038
Arsenic	mg/L	< 0.00031	< 0.00031	< 0.00031	< 0.00031	< 0.00031	< 0.00031	< 0.00031	< 0.00031
Barium	mg/L	0.036	0.041	0.042	0.044	0.036	0.032	0.045	0.052
Beryllium	mg/L	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018
Cadmium	mg/L	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022	< 0.00022
Chromium	mg/L	< 0.0015	< 0.0015	< 0.0015	< 0.0015	0.0028	< 0.0015	< 0.0015	< 0.0015
Cobalt	mg/L	0.00014 J	0.0031	0.0038	0.0013 J	0.00045 J	0.0028	0.0013 J	0.0031
Copper	mg/L	0.0028	< 0.00063	0.0013 J	0.0025	< 0.00063	< 0.00063	0.0014 J	< 0.00063
Lead	mg/L	< 0.00013	< 0.00013	0.00013 J	0.00029 J	< 0.00013	< 0.00013	0.00025 J	< 0.00013
Mercury	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Nickel	mg/L	0.00065 J	0.0014	0.0018	0.00064 J	0.00068 J	0.00039 J	0.0009 J	0.00087 J
Selenium	mg/L	< 0.0015	< 0.0015	< 0.0015	< 0.0015	0.0056	< 0.0015	< 0.0015	< 0.0015
Silver	mg/L	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018
Thallium	mg/L	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015
Vanadium	mg/L	0.0029	0.0011	0.0023	0.0019	0.0045	0.0024	0.004	0.0013
Zinc	mg/L	0.0032 J	0.0039 J	0.005	< 0.0032	0.0042 J	< 0.0032	< 0.0032	< 0.0032
MAJOR IONS									
Alkalinity Total as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Bicarbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Carbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
FIELD PARAMETERS									
Oxidation Reduction Potential, Field	mV	130	83.5	87.65	95.4	108.1	71.5	87.4	76.1
pH, Field	SU	7.98	6.8	6.96	7.24	7.23	7.38	7.41	6.77
RDO Concentration, Field	mg/L	8.61	8.8	8.6	8.35	10.1	8.87	9.16	7.99
Specific Conductance, Field	uS/cm	247.1	268.3	275.7	298	438.5	120.9	227.3	356.2
Temperature, Field	deg C	24.67	19.5	19.79	20.22	21.73	19.75	19.39	20.15
Turbidity, Field	NTU	5	5.07	4.62	4.93	4.59	11.2	6.18	4.16

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

Historic Surface Water
Georgia Power Company
Plant Scherer - Surface Water
Monroe County, GA

Sample Location		SWA-1	SWA-2	SWA-2	SWA-3	SWC-4	SWC-5	SWC-6	SWC-7	SWC-8
Sample Date		11/05/2019	11/05/2019	09/12/2019	09/12/2019	09/12/2019	09/12/2019	09/12/2019	09/12/2019	09/12/2019
ANALYTE	UNITS									
APPENDIX III										
Boron	mg/L	NA	NA	2.1	0.38	0.58	0.057	< 0.039	0.43	1.1
Calcium	mg/L	NA	NA	62	15	25	33	15	25	34
Chloride	mg/L	NA	NA	10	8.5	5.4	9.9	1.9	6.0	8.4
Fluoride	mg/L	NA	NA	0.054 J	0.033 J	0.049 J	0.13	0.063 J	0.13	0.050 J
pH, Field	SU	9.08	8.74	7.24	7.48	7.50	7.26	7.57	7.47	7.29
Sulfate	mg/L	NA	NA	390	48	77	38	0.82 J	65	170
TDS	mg/L	NA	NA	620	110	250	250	100	220	370
STATE REQUIRED INORGANICS										
Chemical Oxygen Demand	mg/L	NA	NA	32	22	NA	NA	NA	< 9.1	NA
Cyanide	mg/L	NA	NA	< 0.0044	< 0.0044	NA	NA	NA	< 0.0044	NA
Organic Carbon, Total	mg/L	NA	NA	1.8	0.89 J	NA	NA	NA	2.1	NA
STATE REQUIRED METALS										
Antimony	mg/L	NA	NA	< 0.00038	< 0.00038	< 0.00038	< 0.00038	< 0.00038	< 0.00038	< 0.00038
Arsenic	mg/L	NA	NA	< 0.00032	< 0.00032	< 0.00032	< 0.00032	< 0.00032	0.00049 J	< 0.00032
Barium	mg/L	NA	NA	0.094	0.036	0.046	0.045	0.023	0.059	0.063
Beryllium	mg/L	NA	NA	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018
Cadmium	mg/L	NA	NA	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013
Chromium	mg/L	NA	NA	< 0.0015	0.0020 J	< 0.0015	0.0037	0.0024 J	< 0.0015	0.0015 J
Cobalt	mg/L	0.0001 J	0.00012 J	0.0018 J	0.00083 J	0.00064 J	0.0014 J	0.00067 J	0.00046 J	0.0014 J
Copper	mg/L	NA	NA	< 0.00063	< 0.00063	< 0.00063	0.0012 J	< 0.00063	0.0010 J	< 0.00063
Lead	mg/L	NA	NA	< 0.00013	< 0.00013	< 0.00013	0.00024 J	< 0.00013	0.00014 J	< 0.00013
Mercury	mg/L	NA	NA	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010
Nickel	mg/L	NA	NA	0.00064 J	0.00068 J	< 0.00034	0.00055 J	< 0.00034	0.00050 J	0.00042 J
Selenium	mg/L	NA	NA	< 0.0015	< 0.0015	< 0.0015	0.0024 J	< 0.0015	< 0.0015	< 0.0015
Silver	mg/L	NA	NA	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018
Thallium	mg/L	NA	NA	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	0.00020 J	0.00023 J
Vanadium	mg/L	NA	NA	< 0.00099	0.0017	0.0018	0.0076	0.0032	0.0034	0.0014
Zinc	mg/L	NA	NA	0.0043 J	0.0054	0.0047 J	0.0047 J	0.0042 J	0.0037 J	0.0037 J
MAJOR IONS										
Alkalinity Total as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bicarbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
FIELD PARAMETERS										
Oxidation Reduction Potential, Field	mV	113.48	99.26	86.1	72.9	131	84.4	64.6	86.9	81.1
pH, Field	SU	9.08	8.74	7.24	7.48	7.50	7.26	7.57	7.47	7.29
RDO Concentration, Field	mg/L	9.74	8.51	7.2	7.66	7.42	5.74	8.24	6.56	6.53
Specific Conductance, Field	uS/cm	375.17	739.54	886.8	235.7	380.8	315.7	156.5	326.7	520.6
Temperature, Field	deg C	21.11	19.50	24.58	23.88	24.15	22.95	23.01	24.24	24.05
Turbidity, Field	NTU	4.38	3.73	1.21	2.47	1.68	12.9	21.7	4.62	2.79

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

Historic Surface Water
Georgia Power Company
Plant Scherer - Surface Water
Monroe County, GA

Sample Location		SWA-2	SWA-3	SWC-4	SWC-5	SWC-6	SWC-7	SWC-8
Sample Date		04/01/2019	04/01/2019	04/01/2019	04/01/2019	04/01/2019	04/01/2019	04/01/2019
ANALYTE	UNITS							
APPENDIX III								
Boron	mg/L	1.2	0.59	0.63	0.061	< 0.021	0.51	0.87
Calcium	mg/L	35	13	22	37	10	23	26
Chloride	mg/L	12	10	8.1	16	2.3	8.7	9.9
Fluoride	mg/L	0.028 J	< 0.026	< 0.026	0.12 J	0.037 J	0.081 J	< 0.026
pH, Field	SU	6.77	7.07	7.2	6.8	7.42	7.37	7.12
Sulfate	mg/L	200	88	110	63	1.3	87	140
TDS	mg/L	400	210	250	260	100	230	300
STATE REQUIRED INORGANICS								
Chemical Oxygen Demand	mg/L	19	15	NA	NA	NA	< 9.1	NA
Cyanide	mg/L	< 0.0044	< 0.0044	NA	NA	NA	< 0.0044	NA
Organic Carbon, Total	mg/L	1.4	0.67 J	NA	NA	NA	1.7	NA
STATE REQUIRED METALS								
Antimony	mg/L	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Arsenic	mg/L	< 0.00046	< 0.00046	< 0.00046	< 0.00046	0.0010 J	0.0011 J	0.00081 J
Barium	mg/L	0.070	0.044	0.051	0.032	0.032	0.058	0.061
Beryllium	mg/L	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034
Cadmium	mg/L	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034
Chromium	mg/L	< 0.0011	< 0.0011	< 0.0011	0.0035	0.0013 J	< 0.0011	< 0.0011
Cobalt	mg/L	0.0054	0.0041	0.0020 J	< 0.00040	0.0032	0.00043 J	0.0049
Copper	mg/L	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	0.0023 J	< 0.0021
Lead	mg/L	< 0.00035	< 0.00035	< 0.00035	< 0.00035	< 0.00035	< 0.00035	< 0.00035
Mercury	mg/L	< 0.000070	< 0.000070	< 0.000070	< 0.000070	< 0.000070	< 0.000070	< 0.000070
Nickel	mg/L	< 0.0018	< 0.0018	< 0.0018	< 0.0018	< 0.0018	< 0.0018	< 0.0018
Selenium	mg/L	< 0.00071	< 0.00071	< 0.00071	0.0035	< 0.00071	< 0.00071	< 0.00071
Silver	mg/L	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011
Thallium	mg/L	< 0.000085	< 0.000085	< 0.000085	< 0.000085	< 0.000085	< 0.000085	< 0.000085
Vanadium	mg/L	0.0030	0.0037	0.0044	0.0087	0.0081	0.0072	0.0056
Zinc	mg/L	< 0.0065	< 0.0065	< 0.0065	< 0.0065	< 0.0065	< 0.0065	< 0.0065
MAJOR IONS								
Alkalinity Total as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA
Bicarbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA
Carbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA
FIELD PARAMETERS								
Oxidation Reduction Potential, Field	mV	89.1	82.2	90.6	101	72	94	96
pH, Field	SU	6.77	7.07	7.2	6.8	7.42	7.37	7.12
RDO Concentration, Field	mg/L	8.82	9.48	9.51	12.55	9.52	11.03	9.11
Specific Conductance, Field	uS/cm	552.32	279.37	349.39	367.62	123.2	323.11	425.62
Temperature, Field	deg C	17.32	17.54	16.4	19.86	17.22	15.94	17.76
Turbidity, Field	NTU	3.6	2.8	3.26	1.09	11.6	3.64	3.81

Notes:
mg/L - milligrams per liter; SU - Standard Units; mV - millivolts; C - degrees Celcius; NTU - Nephelometric Turbidity Unit; uS/cm - microsiemens per centimeter.
NA - Indicates substance not analyzed
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Historic Surface Water
Georgia Power Company
Plant Scherer - Surface Water
Monroe County, GA

Sample Location		SWA-2	SWA-3	SWC-4	SWC-5	SWC-6	SWC-7	SWC-8
Sample Date		10/04/2018	10/04/2018	10/04/2018	10/04/2018	10/04/2018	10/04/2018	10/04/2018
ANALYTE	UNITS							
APPENDIX III								
Boron	mg/L	1.7	0.40	0.75	0.043 J	< 0.021	0.58	1.2
Calcium	mg/L	45	13	26	29	13	26	32
Chloride	mg/L	10	10	7.9	9.6	2.5	9.6	10
Fluoride	mg/L	< 0.082	< 0.082	< 0.082	0.22	0.089 J	0.16 J	< 0.082
pH, Field	SU	7.13	7.24	7.17	7.02	7.70	7.64	7.15
Sulfate	mg/L	270	56	120	32	< 0.70	82	180
TDS	mg/L	530	180	300	190	94	280	360
STATE REQUIRED INORGANICS								
Chemical Oxygen Demand	mg/L	< 6.4	< 6.4	NA	NA	NA	10	NA
Cyanide	mg/L	< 0.005	< 0.005	NA	NA	NA	< 0.005	NA
Organic Carbon, Total	mg/L	1.4	0.83 J	NA	NA	NA	2.0	NA
STATE REQUIRED METALS								
Antimony	mg/L	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Arsenic	mg/L	< 0.00046	0.00079 J	0.0012 J	0.0015	0.0017	0.0012 J	0.0013
Barium	mg/L	0.077	0.038	0.053	0.036	0.017	0.065	0.067
Beryllium	mg/L	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034
Cadmium	mg/L	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034
Chromium	mg/L	< 0.0011	0.0011 J	< 0.0011	0.0016 J	0.0019 J	< 0.0011	< 0.0011
Cobalt	mg/L	0.0039	0.0022 J	0.00074 J	0.00044 J	0.0012 J	< 0.00040	0.0021 J
Copper	mg/L	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Lead	mg/L	< 0.00035	< 0.00035	< 0.00035	< 0.00035	< 0.00035	< 0.00035	< 0.00035
Mercury	mg/L	< 0.000070	< 0.000070	0.000082 J	0.000073 J	< 0.000070	< 0.000070	0.000071 J
Nickel	mg/L	< 0.0018	0.0029	< 0.0018	< 0.0018	< 0.0018	< 0.0018	< 0.0018
Selenium	mg/L	0.00040 J	0.00029 J	< 0.00024	0.0012 J	< 0.00024	0.00047 J	< 0.00024
Silver	mg/L	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011
Thallium	mg/L	< 0.000085	< 0.000085	< 0.000085	< 0.000085	< 0.000085	< 0.000085	< 0.000085
Vanadium	mg/L	0.0020 J	0.0040	0.0053	0.0082	0.0083	0.0058	0.0050
Zinc	mg/L	< 0.0065	< 0.0065	< 0.0065	< 0.0065	< 0.0065	< 0.0065	< 0.0065
MAJOR IONS								
Alkalinity Total as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA
Bicarbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA
Carbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA
FIELD PARAMETERS								
Oxidation Reduction Potential, Field	mV	43.48	89.09	146.77	59.94	131.64	126.47	56.25
pH, Field	SU	7.13	7.24	7.17	7.02	7.70	7.64	7.15
RDO Concentration, Field	mg/L	7.1	7.32	7.45	4.41	7.98	6.87	7.49
Specific Conductance, Field	uS/cm	704.79	242.6	428.81	289.57	156.81	379.4	516.74
Temperature, Field	deg C	24.55	21.84	21.81	21.53	23.28	24.49	22.42
Turbidity, Field	NTU	3.32	3.26	2.94	2.45	13.4	2.22	3.02

Notes:
mg/L - milligrams per liter; SU - Standard Units; mV - millivolts; C - degrees Celcius; NTU - Nephelometric Turbidity Unit; uS/cm - microsiemens per centimeter.
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J - The result is an estimated concentration. "J" qualifiers are applied by the laboratory when the concentration reported is above the method detection limit, but below the laboratory reporting limit.
SWA-1, SWA-2, SWA-3, and SWC-7 are sampled for chemical oxygen demand (COD), Cyanide, and total organic carbon (TOC) per site D&O Plan.

Historic Surface Water
Georgia Power Company
Plant Scherer - Surface Water
Monroe County, GA

Sample Location		SWA-1	SWA-2	SWA-3	SWC-4	SWC-5	SWC-6	SWC-7	SWC-8
Sample Date		03/23/2018	03/23/2018	03/23/2018	03/23/2018	03/23/2018	03/23/2018	03/23/2018	03/23/2018
ANALYTE	UNITS								
APPENDIX III									
Boron	mg/L	0.39	0.95	0.56	0.47	0.072	< 0.021	0.35	0.67
Calcium	mg/L	24	34	14	19	37	11	23	24
Chloride	mg/L	4.1	9.1	10	6.8	11	2.7	6.1	8.5
Fluoride	mg/L	0.15 J	< 0.082	< 0.082	< 0.082	0.21	< 0.082	< 0.082	< 0.082
pH, Field	SU	6.73	6.76	6.95	7.07	6.93	7.34	7.27	7.12
Sulfate	mg/L	78	180	93	80	53	1.1	61	100
TDS	mg/L	210	360	210	210	230	100	290	250
STATE REQUIRED INORGANICS									
Chemical Oxygen Demand	mg/L	18	10	12	NA	NA	NA	8.0 J	NA
Cyanide	mg/L	< 0.005	< 0.005	< 0.005	NA	NA	NA	< 0.005	NA
Organic Carbon, Total	mg/L	3.3	1.3	0.88 J	NA	NA	NA	1.7	NA
STATE REQUIRED METALS									
Antimony	mg/L	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Arsenic	mg/L	< 0.00046	< 0.00046	< 0.00046	< 0.00046	< 0.00046	< 0.00046	< 0.00046	< 0.00046
Barium	mg/L	0.063	0.068	0.048	0.053	0.040	0.025	0.058	0.060
Beryllium	mg/L	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034
Cadmium	mg/L	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034
Chromium	mg/L	< 0.0011	< 0.0011	< 0.0011	< 0.0011	0.0030	0.0014 J	< 0.0011	< 0.0011
Cobalt	mg/L	< 0.00040	0.0064	0.0052	0.0025	< 0.00040	0.0027	0.00092 J	0.0050
Copper	mg/L	0.0037	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Lead	mg/L	< 0.00035	< 0.00035	< 0.00035	< 0.00035	< 0.00035	< 0.00035	< 0.00035	< 0.00035
Mercury	mg/L	0.00011 J	0.000097 J	0.00010 J	0.00010 J	< 0.000070	< 0.000070	0.00010 J	< 0.000070
Nickel	mg/L	< 0.0018	< 0.0018	< 0.0018	< 0.0018	< 0.0018	< 0.0018	< 0.0018	< 0.0018
Selenium	mg/L	0.0012 J	0.00048 J	< 0.00024	< 0.00024	0.0026	0.00032 J	< 0.00024	< 0.00024
Silver	mg/L	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011
Thallium	mg/L	0.00028 J	< 0.000085	< 0.000085	< 0.000085	< 0.000085	< 0.000085	< 0.000085	< 0.000085
Vanadium	mg/L	0.0033	< 0.0014	< 0.0014	0.0017 J	0.0038	0.0026	0.0022 J	< 0.0014
Zinc	mg/L	0.0077 J	< 0.0065	< 0.0065	< 0.0065	< 0.0065	< 0.0065	< 0.0065	< 0.0065
MAJOR IONS									
Alkalinity Total as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Bicarbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Carbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
FIELD PARAMETERS									
Oxidation Reduction Potential, Field	mV	151.9	72.8	87.55	112.13	108.53	86.26	94.6	86.7
pH, Field	SU	6.73	6.76	6.95	7.07	6.93	7.34	7.27	7.12
RDO Concentration, Field	mg/L	10.11	9.29	20.17	10.03	8.63	9.94	10.43	9.89
Specific Conductance, Field	uS/cm	417.53	541.78	319.25	325.09	358.38	146.83	281.17	396.98
Temperature, Field	deg C	14.4	15.37	14.27	12.35	13.95	12.48	11.79	13.4
Turbidity, Field	NTU	13.8	4.53	4.32	9.4	2.76	11.1	10.94	5.64

Notes:
mg/L - milligrams per liter; SU - Standard Units; mV - millivolts; C - degrees Celcius; NTU - Nephelometric Turbidity Unit; uS/cm - microsiemens per centimeter.
NA - Indicates substance not analyzed
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Historic Surface Water
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Plant Scherer - Surface Water
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Sample Location		SWA-1	SWA-2	SWA-3	SWC-4	SWC-5	SWC-6	SWC-7	SWC-8
Sample Date		10/09/2017	10/09/2017	10/09/2017	10/09/2017	10/09/2017	10/09/2017	10/09/2017	10/09/2017
ANALYTE	UNITS								
APPENDIX III									
Boron	mg/L	0.78	1.8	0.38	1.0	0.026 J	0.022 J	0.74	1.3
Calcium	mg/L	35	44	13	29	26	15	32	34
Chloride	mg/L	11	8.9	9.7	7.7	4.9	2.7	9.7	8.6
Fluoride	mg/L	0.47	0.099 J	< 0.082	< 0.082	0.23	< 0.082	0.19 J	< 0.082
pH, Field	SU	7.31	6.86	7.2	7.36	6.78	7.48	6.99	7.14
Sulfate	mg/L	160	220	43	120	14	< 0.70	190	160
TDS	mg/L	200	350	160	230	52	110	190	240
STATE REQUIRED INORGANICS									
Chemical Oxygen Demand	mg/L	8.8 J	7.2 J	< 6.4	NA	NA	NA	< 6.4	NA
Cyanide	mg/L	< 0.005	< 0.005	< 0.005	NA	NA	NA	< 0.005	NA
Organic Carbon, Total	mg/L	3.3	2.2	1.8	NA	NA	NA	3.0	NA
STATE REQUIRED METALS									
Antimony	mg/L	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Arsenic	mg/L	0.00080 J	< 0.00046	< 0.00046	< 0.00046	< 0.00046	< 0.00046	< 0.00046	< 0.00046
Barium	mg/L	0.11	0.064	0.035	0.059	0.033	0.027	0.086	0.060
Beryllium	mg/L	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034
Cadmium	mg/L	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034
Chromium	mg/L	< 0.0011	< 0.0011	< 0.0011	< 0.0011	0.0036	0.0030	< 0.0011	< 0.0011
Cobalt	mg/L	< 0.00040	0.0020 J	0.0020 J	0.00081 J	0.00089 J	0.0034	< 0.00040	0.0016 J
Copper	mg/L	0.0067	< 0.0021	< 0.0021	0.0042	< 0.0021	0.0073	0.0055	< 0.0021
Lead	mg/L	< 0.00035	< 0.00035	< 0.00035	< 0.00035	< 0.00035	0.00065 J	< 0.00035	< 0.00035
Mercury	mg/L	< 0.000070	< 0.000070	< 0.000070	< 0.000070	< 0.000070	< 0.000070	< 0.000070	< 0.000070
Nickel	mg/L	< 0.0018	< 0.0018	< 0.0018	< 0.0018	< 0.0018	< 0.0018	< 0.0018	< 0.0018
Selenium	mg/L	0.0025	0.00045 J	0.00030 J	< 0.00024	< 0.00024	< 0.00024	0.0012 J	0.00059 J
Silver	mg/L	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011
Thallium	mg/L	< 0.000085	< 0.000085	< 0.000085	< 0.000085	< 0.000085	< 0.000085	< 0.000085	< 0.000085
Vanadium	mg/L	0.0043	< 0.0014	< 0.0014	0.0017 J	0.0016 J	0.0057	0.0021 J	< 0.0014
Zinc	mg/L	< 0.0065	< 0.0065	< 0.0065	< 0.0065	< 0.0065	< 0.0065	< 0.0065	< 0.0065
MAJOR IONS									
Alkalinity Total as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Bicarbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Carbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
FIELD PARAMETERS									
Oxidation Reduction Potential, Field	mV	108.87	43.43	39.69	72.76	34.25	-12.77	16.4	31
pH, Field	SU	7.31	6.86	7.2	7.36	6.78	7.48	6.99	7.14
RDO Concentration, Field	mg/L	8.62	6.77	6.84	6.97	1.76	7.7	6.8	7.03
Specific Conductance, Field	uS/cm	501.01	601.24	212.12	407.1	238.65	156.6	428.28	486.74
Temperature, Field	deg C	25.96	22.89	23.34	24.15	23.3	22.58	24.32	23.34
Turbidity, Field	NTU	0.51	2.84	4.07	1.88	1.68	9.3	1.14	2.62

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

Historic Surface Water
Georgia Power Company
Plant Scherer - Surface Water
Monroe County, GA

Sample Location		SWA-1	SWA-2	SWA-3	SWC-4	SWC-5	SWC-6	SWC-7	SWC-8
Sample Date		04/11/2017	04/11/2017	04/11/2017	04/11/2017	04/11/2017	04/11/2017	04/11/2017	04/11/2017
ANALYTE	UNITS								
APPENDIX III									
Boron	mg/L	0.44	1.3	0.43	0.58	0.041 J	< 0.021	0.38	0.77
Calcium	mg/L	24	33	11	21	31	11	21	23
Chloride	mg/L	7.3	8.8	9.7	NA	NA	NA	7	NA
Fluoride	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
pH, Field	SU	6.95	6.53	6.79	7.20	6.07	7.25	7.13	7.08
Sulfate	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
TDS	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
STATE REQUIRED INORGANICS									
Chemical Oxygen Demand	mg/L	< 6.4	< 6.4	< 6.4	NA	NA	NA	7.8 J	NA
Cyanide	mg/L	< 0.005	< 0.005	< 0.005	NA	NA	NA	< 0.005	NA
Organic Carbon, Total	mg/L	3.2	1.3	0.81 J	NA	NA	NA	1.8	NA
STATE REQUIRED METALS									
Antimony	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Arsenic	mg/L	< 0.00046	< 0.00046	< 0.00046	< 0.00046	< 0.00046	< 0.00046	< 0.00046	< 0.00046
Barium	mg/L	0.08	0.07	0.041	0.05	0.026	0.026	0.052	0.058
Beryllium	mg/L	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034
Cadmium	mg/L	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034
Chromium	mg/L	< 0.0011	< 0.0011	< 0.0011	< 0.0011	0.0034	0.0011 J	< 0.0011	< 0.0011
Cobalt	mg/L	< 0.0004	0.0051	0.0051	0.002 J	< 0.0004	0.0033	0.00064 J	0.0037
Copper	mg/L	0.0058	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Lead	mg/L	< 0.00035	< 0.00035	< 0.00035	< 0.00035	< 0.00035	< 0.00035	< 0.00035	< 0.00035
Mercury	mg/L	< 0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00007
Nickel	mg/L	< 0.0018	< 0.0018	< 0.0018	< 0.0018	< 0.0018	< 0.0018	< 0.0018	< 0.0018
Selenium	mg/L	0.00056 J	< 0.00024	< 0.00024	< 0.00024	0.0013	< 0.00024	< 0.00024	< 0.00024
Silver	mg/L	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011
Thallium	mg/L	< 0.000085	< 0.000085	< 0.000085	< 0.000085	< 0.000085	< 0.000085	< 0.000085	< 0.000085
Vanadium	mg/L	0.0032	0.0021 J	0.0034	0.0043	0.0097	0.0033	0.0033	0.0033
Zinc	mg/L	< 0.0065	< 0.0065	< 0.0065	< 0.0065	< 0.0065	< 0.0065	< 0.0065	< 0.0065
MAJOR IONS									
Alkalinity Total as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Bicarbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Carbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
FIELD PARAMETERS									
Oxidation Reduction Potential, Field	mV	-15.96	-26.01	-34.37	-38.26	14.2	-36.45	-33.46	-43.64
pH, Field	SU	6.95	6.53	6.79	7.20	6.07	7.25	7.13	7.08
RDO Concentration, Field	mg/L	8.89	8.3	8.17	8.48	7.1	8.41	8.77	8.34
Specific Conductance, Field	uS/cm	302.84	531.08	243.64	330.7	293.8	141.03	286.31	390.34
Temperature, Field	deg C	19.36	19.31	19.14	21.9	16.01	18.83	17.38	19.77
Turbidity, Field	NTU	2.52	4.15	3.48	4.34	1.74	8.85	4.09	3.47

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

Historic Surface Water
Georgia Power Company
Plant Scherer - Surface Water
Monroe County, GA

Sample Location		SWA-2	SWA-3	SWC-4	SWC-5	SWC-6	SWC-7	SWC-8
Sample Date		10/10/2016	10/10/2016	10/10/2016	10/10/2016	10/10/2016	10/10/2016	10/10/2016
ANALYTE	UNITS							
APPENDIX III								
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	9.9	10	NA	NA	NA	9.1	NA
Fluoride	mg/L	NA	NA	NA	NA	NA	NA	NA
pH, Field	SU	7.5	7.43	7.39	7.01	6.91	7.56	6.94
Sulfate	mg/L	NA	NA	NA	NA	NA	NA	NA
TDS	mg/L	NA	NA	NA	NA	NA	NA	NA
STATE REQUIRED INORGANICS								
Chemical Oxygen Demand	mg/L	< 6.4	< 6.4	NA	NA	NA	< 6.4	NA
Cyanide	mg/L	< 0.005	< 0.005	NA	NA	NA	< 0.005	NA
Organic Carbon, Total	mg/L	1.4	0.8 J	NA	NA	NA	1.9	NA
STATE REQUIRED METALS								
Antimony	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Arsenic	mg/L	< 0.00046	< 0.00046	< 0.00046	< 0.00046	< 0.00046	< 0.00046	< 0.00046
Barium	mg/L	0.076	0.025	0.05	0.027	0.016	0.07	0.063
Beryllium	mg/L	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034
Cadmium	mg/L	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034	< 0.00034
Chromium	mg/L	< 0.0011	< 0.0011	< 0.0011	0.0027	0.0012 J	< 0.0011	< 0.0011
Cobalt	mg/L	0.00043 J	0.0011 J	0.0017 J	< 0.0004	0.00058 J	< 0.0004	0.0017 J
Copper	mg/L	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	0.0021 J	< 0.0021
Lead	mg/L	< 0.00035	< 0.00035	< 0.00035	< 0.00035	< 0.00035	< 0.00035	< 0.00035
Mercury	mg/L	< 0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00007
Nickel	mg/L	< 0.0018	< 0.0018	< 0.0018	< 0.0018	< 0.0018	< 0.0018	< 0.0018
Selenium	mg/L	< 0.00024	< 0.00024	< 0.00024	0.00051 J	< 0.00024	< 0.00024	< 0.00024
Silver	mg/L	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011	< 0.00011
Thallium	mg/L	< 0.000085	< 0.000085	< 0.000085	< 0.000085	< 0.000085	< 0.000085	< 0.000085
Vanadium	mg/L	< 0.0014	0.0019 J	0.0029	0.0064	0.0038	0.0039	0.0028
Zinc	mg/L	< 0.0065	< 0.0065	< 0.0065	< 0.0065	< 0.0065	< 0.0065	< 0.0065
MAJOR IONS								
Alkalinity Total as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA
Bicarbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA
Carbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA
FIELD PARAMETERS								
Oxidation Reduction Potential, Field	mV	639.1	693.4	686.47	844.6	588	572.6	628.3
pH, Field	SU	7.5	7.43	7.39	7.01	6.91	7.56	6.94
RDO Concentration, Field	mg/L	9.23	8.91	8.29	6.45	8.89	7.36	8.71
Specific Conductance, Field	uS/cm	755	199.3	412.77	273.8	170.25	325.4	448.2
Temperature, Field	deg C	19.01	19.3	19.62	21.04	19.28	19.68	18.77
Turbidity, Field	NTU	1.46	4.22	3.92	1.76	5.26	1.8	3.94

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

Historic Surface Water
Georgia Power Company
Plant Scherer - Surface Water
Monroe County, GA

Sample Location		SWA-2	SWA-3	SWC-4	SWC-5	SWC-6	SWC-7	SWC-8
Sample Date		04/18/2016	04/18/2016	04/18/2016	04/18/2016	04/18/2016	04/18/2016	04/18/2016
ANALYTE	UNITS							
APPENDIX III								
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	8.20	10.0	NA	NA	NA	7.38	NA
Fluoride	mg/L	NA	NA	NA	NA	NA	NA	NA
pH, Field	SU	6.95	6.97	7.25	7.03	7.26	6.90	6.99
Sulfate	mg/L	NA	NA	NA	NA	NA	NA	NA
TDS	mg/L	NA	NA	NA	NA	NA	NA	NA
STATE REQUIRED INORGANICS								
Chemical Oxygen Demand	mg/L	< 6.4	< 6.4	NA	NA	NA	< 6.4	NA
Cyanide	mg/L	< 0.0050	< 0.0050	NA	NA	NA	< 0.0050	NA
Organic Carbon, Total	mg/L	1.2	0.77 J	NA	NA	NA	1.2	NA
STATE REQUIRED METALS								
Antimony	mg/L	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Arsenic	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Barium	mg/L	0.0793	0.0395	0.0545	0.0316	0.0395	0.0588	0.0626
Beryllium	mg/L	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Cadmium	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Chromium	mg/L	< 0.002	< 0.002	< 0.002	0.00498 J	< 0.002	< 0.002	< 0.002
Cobalt	mg/L	0.00585 J	0.0162	0.0043 J	< 0.002	0.00631 J	< 0.002	0.00796 J
Copper	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Lead	mg/L	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Mercury	mg/L	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025
Nickel	mg/L	< 0.002	0.00341 J	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Selenium	mg/L	< 0.002	< 0.002	< 0.002	0.00847 J	< 0.002	< 0.002	< 0.002
Silver	mg/L	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Thallium	mg/L	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Vanadium	mg/L	< 0.002	< 0.002	< 0.002	0.0053 J	< 0.002	< 0.002	< 0.002
Zinc	mg/L	< 0.002	0.00771 J	< 0.002	< 0.002	< 0.002	0.00246 J	0.00271 J
MAJOR IONS								
Alkalinity Total as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA
Bicarbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA
Carbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA
FIELD PARAMETERS								
Oxidation Reduction Potential, Field	mV	-16.1	74.5	-0.6	72.5	-1.6	137.6	-12.9
pH, Field	SU	6.95	6.97	7.25	7.03	7.26	6.90	6.99
RDO Concentration, Field	mg/L	8.19	8.41	8.64	10.25	9.01	7.68	8.67
Specific Conductance, Field	uS/cm	502.4	386.1	331.2	577.9	152.9	281	398.8
Temperature, Field	deg C	17.98	18.08	18.01	20.56	17.43	22.09	17.27
Turbidity, Field	NTU	5.06	6.1	6.24	1.68	13.7	7.1	5.22

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

Historic Surface Water
Georgia Power Company
Plant Scherer - Surface Water
Monroe County, GA

Sample Location		SWA-1	SWA-2	SWA-3	SWC-4	SWC-5	SWC-6	SWC-7
Sample Date		11/12/2015	11/12/2015	11/12/2015	11/12/2015	11/12/2015	11/12/2015	11/12/2015
ANALYTE	UNITS							
APPENDIX III								
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	10	10	12	NA	NA	NA	9.7
Fluoride	mg/L	NA	NA	NA	NA	NA	NA	NA
pH, Field	SU	7.57	6.92	6.61	7.15	7.19	7.02	7.44
Sulfate	mg/L	NA	NA	NA	NA	NA	NA	NA
TDS	mg/L	NA	NA	NA	NA	NA	NA	NA
STATE REQUIRED INORGANICS								
Chemical Oxygen Demand	mg/L	8.9 J	< 6.4	< 6.4	NA	NA	NA	8.6 J
Cyanide	mg/L	< 0.0050	< 0.0050	< 0.0050	NA	NA	NA	< 0.0050
Organic Carbon, Total	mg/L	3.6	2.5	1.3	NA	NA	NA	3.1
STATE REQUIRED METALS								
Antimony	mg/L	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050
Arsenic	mg/L	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040
Barium	mg/L	0.066	0.074	0.043	0.054	0.029	0.049	0.061
Beryllium	mg/L	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Cadmium	mg/L	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Chromium	mg/L	< 0.0020	0.0022 J	< 0.0020	< 0.0020	0.0030 J	< 0.0020	< 0.0020
Cobalt	mg/L	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030	0.0074 J	< 0.0030
Copper	mg/L	0.0093 J	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
Lead	mg/L	0.0024 J	0.0036 J	< 0.0020	0.0039 J	0.0048 J	0.0030 J	0.0029 J
Mercury	mg/L	< 0.000070	< 0.000070	< 0.000070	< 0.000070	< 0.000070	< 0.000070	< 0.000070
Nickel	mg/L	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030
Selenium	mg/L	0.0048 J	0.0053 J	0.0047 J	0.0054 J	0.0065 J	0.0058 J	0.0067 J
Silver	mg/L	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
Thallium	mg/L	< 0.00049	< 0.00049	< 0.00049	< 0.00049	< 0.00049	< 0.00049	< 0.00049
Vanadium	mg/L	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030
Zinc	mg/L	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080
MAJOR IONS								
Alkalinity Total as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA
Bicarbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA
Carbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA
FIELD PARAMETERS								
Oxidation Reduction Potential, Field	mV	41	7	31	13	44	13	30
pH, Field	SU	7.57	6.92	6.61	7.15	7.19	7.02	7.44
RDO Concentration, Field	mg/L	8.05	7.76	8.11	7.92	6.9	7.85	8.54
Specific Conductance, Field	uS/cm	279	472	299	312	220	137	288
Temperature, Field	deg C	15.6	17.1	16.6	17.4	16	16.6	16.4
Turbidity, Field	NTU	7.03	6.41	4.01	7.69	17.6	24.6	12

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

Historic Surface Water
Georgia Power Company
Plant Scherer - Surface Water
Monroe County, GA

Sample Location		SWA-1	SWA-2	SWC-4	SWC-5	SWC-6	SWC-7	Sample Location
Sample Date		05/25/2015	05/25/2015	05/25/2015	05/25/2015	05/25/2015	05/25/2015	Sample Date
ANALYTE	UNITS							ANALYTE / UNITS
APPENDIX III								**APPENDIX III**
Boron	mg/L	NA	NA	NA	NA	NA	NA	Boron / mg/L
Calcium	mg/L	NA	NA	NA	NA	NA	NA	Calcium / mg/L
Chloride	mg/L	8.5	10	NA	NA	NA	10	Chloride / mg/L
Fluoride	mg/L	NA	NA	NA	NA	NA	NA	Fluoride / mg/L
pH, Field	SU	7.67	6.82	7.18	7.55	7.73	7.70	pH, Field / SU
Sulfate	mg/L	NA	NA	NA	NA	NA	NA	Sulfate / mg/L
TDS	mg/L	NA	NA	NA	NA	NA	NA	TDS / mg/L
STATE REQUIRED INORGANICS								**STATE REQUIRED INORGANICS**
Chemical Oxygen Demand	mg/L	< 6.4	< 6.4	NA	NA	NA	< 6.4	Chemical Oxygen Demand / mg/L
Cyanide	mg/L	< 0.0050	< 0.0050	NA	NA	NA	< 0.0050	Cyanide / mg/L
Organic Carbon, Total	mg/L	4.2	1.1	NA	NA	NA	2.2	Organic Carbon, Total / mg/L
STATE REQUIRED METALS								**STATE REQUIRED METALS**
Antimony	mg/L	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	Antimony / mg/L
Arsenic	mg/L	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	Arsenic / mg/L
Barium	mg/L	0.069	0.062	0.049	0.054	0.060	0.056	Barium / mg/L
Beryllium	mg/L	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	Beryllium / mg/L
Cadmium	mg/L	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	Cadmium / mg/L
Chromium	mg/L	< 0.0020	< 0.0020	0.0022 J	0.013	0.0023 J	0.0022 J	Chromium / mg/L
Cobalt	mg/L	< 0.0030	0.0041 J	< 0.0030	< 0.0030	< 0.0030	< 0.0030	Cobalt / mg/L
Copper	mg/L	0.0084 J	0.0025 J	0.0030 J	0.0052 J	0.0072 J	0.0062 J	Copper / mg/L
Lead	mg/L	0.0032 J	0.0041 J	0.0064 J	0.0092 J	0.0058 J	0.0051 J	Lead / mg/L
Mercury	mg/L	< 0.000070	< 0.000070	< 0.000070	0.000075 J	< 0.000070	0.000072 J	Mercury / mg/L
Nickel	mg/L	< 0.0030	< 0.0030	< 0.0030	0.0044 J	< 0.0030	< 0.0030	Nickel / mg/L
Selenium	mg/L	0.0049 J	< 0.0040	0.0059 J	0.020	0.0088 J	0.0047 J	Selenium / mg/L
Silver	mg/L	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	Silver / mg/L
Thallium	mg/L	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	Thallium / mg/L
Vanadium	mg/L	0.0032 J	0.0044 J	0.0040 J	0.021	0.0053 J	0.0043 J	Vanadium / mg/L
Zinc	mg/L	< 0.0080	< 0.0080	< 0.0080	0.0080 J	< 0.0080	< 0.0080	Zinc / mg/L
MAJOR IONS								**MAJOR IONS**
Alkalinity Total as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	Alkalinity Total as CaCO3 / mg/L
Bicarbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	Bicarbonate Alkalinity as CaCO3 / mg/L
Carbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	Carbonate Alkalinity as CaCO3 / mg/L
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	Magnesium / mg/L
Potassium	mg/L	NA	NA	NA	NA	NA	NA	Potassium / mg/L
Sodium	mg/L	NA	NA	NA	NA	NA	NA	Sodium / mg/L
FIELD PARAMETERS								**FIELD PARAMETERS**
Oxidation Reduction Potential, Field	mV	139.16	125.72	101.54	176.4	129.21	145.44	Oxidation Reduction Potential, Field / mV
pH, Field	SU	7.67	6.82	7.18	7.55	7.73	7.70	pH, Field / SU
RDO Concentration, Field	mg/L	8.83	8.01	8.27	8.98	8.19	9.7	RDO Concentration, Field / mg/L
Specific Conductance, Field	uS/cm	276.62	352.42	294.59	560.2	290.35	285.06	Specific Conductance, Field / uS/cm
Temperature, Field	deg C	23.2	20.03	20.43	22.48	24.5	23.42	Temperature, Field / deg C
Turbidity, Field	NTU	4.89	37.3	15.7	40.7	15.5	11.9	Turbidity, Field / NTU

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

Notes:
mg/L - milligrams per liter; SU - Standard Units; m
NA - Indicates substance not analyzed
< indicates the substance was not detected above
J - The result is an estimated concentration. "J" qu
but below the laboratory reporting limit.
SWA-1, SWA-2, SWA-3, and SWC-7 are sampled fo

Historic Surface Water
Georgia Power Company
Plant Scherer - Surface Water
Monroe County, GA

SWA-1	SWA-2	SWA-3	SWC-4	SWC-5	SWC-6	SWC-7
11/13/2014	11/13/2014	11/13/2014	11/13/2014	11/13/2014	11/13/2014	11/13/2014
NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA
17	10	11	NA	NA	NA	14
NA	NA	NA	NA	NA	NA	NA
6.59	7.09	6.76	6.92	6.85	7.33	7.11
NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA
< 6.4	< 6.4	< 6.4	NA	NA	NA	6.6 J
< 0.0050	< 0.0050	< 0.0050	NA	NA	NA	< 0.0050
3.4	1.6	1.6	NA	NA	NA	2.8
< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040
0.11	0.071	0.037	0.053	0.071	0.022	0.081
< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
< 0.0020	< 0.0020	< 0.0020	< 0.0020	0.0037	< 0.0020	< 0.0020
< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030
0.0027 J	< 0.0020	< 0.0020	< 0.0020	< 0.0020	0.0021 J	0.0029 J
< 0.0020	0.0023 J	< 0.0020	0.0024 J	0.0022 J	< 0.0020	0.0021 J
< 0.000070	< 0.000070	< 0.000070	< 0.000070	< 0.000070	< 0.000070	< 0.000070
< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030
< 0.0040	< 0.0040	< 0.0040	< 0.0040	0.0085 J	< 0.0040	< 0.0040
< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
0.00051 J	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025
< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030
< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080
NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA
202	85	44	81	84	89	109
6.59	7.09	6.76	6.92	6.85	7.33	7.11
8.26	6.67	5.57	7.02	6.66	7.02	7.46
522	536	223	351	690	173	423
11.7	10.8	11.5	11.3	12.2	12.1	11.9
8.22	2.81	3.37	2.81	3.64	15.9	1.27

ıV - millivolts; C - degrees Celcius; NTU - Nephelometric Turbidity Unit; uS/cm - microsiemens per centimeter.

ɛ the reporting limit (RL). The value displayed is the RL.
ualifiers are applied by the laboratory when the concentration reported is above the method detection limit,

ɔr chemical oxygen demand (COD), Cyanide, and total organic carbon (TOC) per site D&O Plan.

Historic Surface Water
Georgia Power Company
Plant Scherer - Surface Water
Monroe County, GA

Sample Location		SWA-1	SWA-2	SWA-3	SWC-4	SWC-5	SWC-6	SWC-7	SWC-8
Sample Date		05/25/2014	05/25/2014	05/25/2014	05/25/2014	05/25/2014	05/25/2014	05/25/2014	05/25/2014
ANALYTE	UNITS								
APPENDIX III									
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	8.5	9.5	11	NA	NA	NA	8.9	NA
Fluoride	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
pH, Field	SU	7.84	6.58	6.44	5.81	7.00	6.91	7.27	6.71
Sulfate	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
TDS	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
STATE REQUIRED INORGANICS									
Chemical Oxygen Demand	mg/L	6.6 J	< 6.4	< 6.4	NA	NA	NA	6.6 J	NA
Cyanide	mg/L	< 0.0050	< 0.0050	< 0.0050	NA	NA	NA	< 0.0050	NA
Organic Carbon, Total	mg/L	1.7	1.7	0.98 J	NA	NA	NA	1.7	NA
STATE REQUIRED METALS									
Antimony	mg/L	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
Arsenic	mg/L	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040
Barium	mg/L	0.053	0.081	0.039	0.091	0.028	0.036	0.058	0.065
Beryllium	mg/L	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Cadmium	mg/L	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Chromium	mg/L	0.0023 J	< 0.0020	< 0.0020	0.0027 J	0.0090 J	0.0036 J	0.0024 J	0.0028 J
Cobalt	mg/L	< 0.0030	0.0051 J	0.0053 J	< 0.0030	< 0.0030	0.0048 J	< 0.0030	0.0049 J
Copper	mg/L	< 0.0020	< 0.0020	< 0.0020	0.0079 J	< 0.0020	< 0.0020	0.0021 J	< 0.0020
Lead	mg/L	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
Mercury	mg/L	< 0.000070	< 0.000070	< 0.000070	< 0.000070	< 0.000070	< 0.000070	< 0.000070	< 0.000070
Nickel	mg/L	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030
Selenium	mg/L	< 0.0040	0.0042 J	< 0.0040	0.0058 J	< 0.0040	< 0.0040	0.0051 J	< 0.0040
Silver	mg/L	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
Thallium	mg/L	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025
Vanadium	mg/L	< 0.0030	< 0.0030	< 0.0030	< 0.0030	0.0040 J	0.0046 J	< 0.0030	< 0.0030
Zinc	mg/L	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080
MAJOR IONS									
Alkalinity Total as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Bicarbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Carbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
FIELD PARAMETERS									
Oxidation Reduction Potential, Field	mV	70	-3	28	79	8	29	52	-13
pH, Field	SU	7.84	6.58	6.44	5.81	7.00	6.91	7.27	6.71
RDO Concentration, Field	mg/L	5.92	6.19	5.83	6.64	5.92	6.39	6.12	6.14
Specific Conductance, Field	uS/cm	362	433	247	298	240	149	304	329
Temperature, Field	deg C	25.4	18.4	18.3	18.5	20	18.1	20.8	18.7
Turbidity, Field	NTU	7.14	8.09	3.2	10.3	2.77	21.7	4.54	8.79

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

Historic Surface Water
Georgia Power Company
Plant Scherer - Surface Water
Monroe County, GA

Sample Location		SWA-1	SWA-2	SWA-3	SWC-4	SWC-5	SWC-6	SWC-7
Sample Date		11/06/2013	11/06/2013	11/06/2013	11/06/2013	11/06/2013	11/06/2013	11/06/2013
ANALYTE	UNITS							
APPENDIX III								
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	29	10	11	NA	NA	NA	14
Fluoride	mg/L	NA	NA	NA	NA	NA	NA	NA
pH, Field	SU	7.63	6.62	7.19	7.23	6.48	6.83	6.85
Sulfate	mg/L	NA	NA	NA	NA	NA	NA	NA
TDS	mg/L	NA	NA	NA	NA	NA	NA	NA
STATE REQUIRED INORGANICS								
Chemical Oxygen Demand	mg/L	19	< 6.4	< 6.4	NA	NA	NA	< 6.4
Cyanide	mg/L	< 0.0050	< 0.0050	< 0.0050	NA	NA	NA	< 0.0050
Organic Carbon, Total	mg/L	5.5	1.5	1.2	NA	NA	NA	2.8
STATE REQUIRED METALS								
Antimony	mg/L	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
Arsenic	mg/L	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040
Barium	mg/L	0.14	0.074	0.042	0.051	0.027	0.021	0.090
Beryllium	mg/L	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Cadmium	mg/L	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Chromium	mg/L	< 0.0020	< 0.0020	0.0038 J	< 0.0020	0.0024 J	< 0.0020	0.0024 J
Cobalt	mg/L	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030
Copper	mg/L	0.014	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	0.0080 J
Lead	mg/L	< 0.0020	0.0068	< 0.0020	0.0034 J	0.0041 J	0.0026 J	0.0022 J
Mercury	mg/L	< 0.000070	< 0.000070	< 0.000070	< 0.000070	< 0.000070	< 0.000070	< 0.000070
Nickel	mg/L	0.0031 J	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030
Selenium	mg/L	0.0059 J	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040
Silver	mg/L	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
Thallium	mg/L	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025
Vanadium	mg/L	0.0069 J	< 0.0030	< 0.0030	< 0.0030	0.0048 J	0.0038 J	0.0058 J
Zinc	mg/L	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080
MAJOR IONS								
Alkalinity Total as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA
Bicarbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA
Carbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA
FIELD PARAMETERS								
Oxidation Reduction Potential, Field	mV	100	39	-10	39	138	141	135
pH, Field	SU	7.63	6.62	7.19	7.23	6.48	6.83	6.85
RDO Concentration, Field	mg/L	6.56	7.5	7.3	6.03	4.34	8.01	7.79
Specific Conductance, Field	uS/cm	633	440	205	299	197	160	373
Temperature, Field	deg C	26.3	16.3	17.5	14.5	15.6	14.9	13.8
Turbidity, Field	NTU	6.99	4.15	7.94	3.87	2.98	11	11.4

Notes:
mg/L - milligrams per liter; SU - Standard Units; mV - millivolts; C - degrees Celcius; NTU - Nephelometric Turbidity Unit; uS/cm - microsiemens per centimeter.
NA - Indicates substance not analyzed
< indicates the substance was not detected above the reporting limit (RL). The value displayed is the RL.
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SWA-1, SWA-2, SWA-3, and SWC-7 are sampled for chemical oxygen demand (COD), Cyanide, and total organic carbon (TOC) per site D&O Plan.

Historic Surface Water
Georgia Power Company
Plant Scherer - Surface Water
Monroe County, GA

Sample Location		SWA-1	SWA-2	SWA-3	SWC-4	SWC-5	SWC-6	SWC-7
Sample Date		05/09/2013	05/09/2013	05/09/2013	05/09/2013	05/09/2013	05/09/2013	05/09/2013
ANALYTE	UNITS							
APPENDIX III								
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	8.1	7.8	9.9	NA	NA	NA	7.1
Fluoride	mg/L	NA	NA	NA	NA	NA	NA	NA
pH, Field	SU	6.88	6.44	6.31	6.81	6.96	6.67	6.87
Sulfate	mg/L	NA	NA	NA	NA	NA	NA	NA
TDS	mg/L	NA	NA	NA	NA	NA	NA	NA
STATE REQUIRED INORGANICS								
Chemical Oxygen Demand	mg/L	25	< 6.4	< 6.4	NA	NA	NA	< 6.4
Cyanide	mg/L	< 0.0050	< 0.0050	< 0.0050	NA	NA	NA	< 0.0050
Organic Carbon, Total	mg/L	4.1	1.7	1.2	NA	NA	NA	2.3
STATE REQUIRED METALS								
Antimony	mg/L	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
Arsenic	mg/L	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040
Barium	mg/L	0.089	0.073	0.038	0.063	0.022	0.049	0.069
Beryllium	mg/L	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Cadmium	mg/L	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Chromium	mg/L	0.0033 J	< 0.0020	< 0.0020	< 0.0020	0.0029 J	< 0.0020	< 0.0020
Cobalt	mg/L	< 0.0030	0.0045 J	0.013	0.0051 J	< 0.0030	0.01	< 0.0030
Copper	mg/L	0.0081 J	< 0.0020	< 0.0020	< 0.0020	0.063	< 0.0020	0.0028 J
Lead	mg/L	0.0034 J	0.0034 J	< 0.0020	0.0036 J	0.0026 J	0.0028 J	0.0032 J
Mercury	mg/L	< 0.000070	< 0.000070	< 0.000070	< 0.000070	< 0.000070	< 0.000070	< 0.000070
Nickel	mg/L	< 0.0030	< 0.0030	0.0037 J	< 0.0030	< 0.0030	< 0.0030	< 0.0030
Selenium	mg/L	0.0048 J	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	0.0048 J
Silver	mg/L	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
Thallium	mg/L	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025
Vanadium	mg/L	0.0075 J	< 0.0030	< 0.0030	< 0.0030	0.0089 J	< 0.0030	< 0.0030
Zinc	mg/L	0.0094 J	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080
MAJOR IONS								
Alkalinity Total as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA
Bicarbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA
Carbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA
FIELD PARAMETERS								
Oxidation Reduction Potential, Field	mV	73	80	113	34	87	75	82
pH, Field	SU	6.88	6.44	6.31	6.81	6.96	6.67	6.87
RDO Concentration, Field	mg/L	7.55	7.18	7.33	7.65	6.71	7.27	8.01
Specific Conductance, Field	uS/cm	309	287	347	242	114	141	258
Temperature, Field	deg C	21.7	19.3	19.4	16.6	23.1	19.1	19
Turbidity, Field	NTU	24.9	10.8	5.36	12.5	45.9	17.2	11.3

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

Historic Surface Water
Georgia Power Company
Plant Scherer - Surface Water
Monroe County, GA

Sample Location		SWA-1	SWA-2	SWA-3	SWC-4	SWC-5	SWC-6	SWC-7
Sample Date		11/11/2012	11/11/2012	11/11/2012	11/11/2012	11/11/2012	11/11/2012	11/11/2012
ANALYTE	UNITS							
APPENDIX III								
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	21	10	10	NA	NA	NA	17
Fluoride	mg/L	NA	NA	NA	NA	NA	NA	NA
pH, Field	SU	7.16	6.83	6.79	6.77	7.13	7.42	7.28
Sulfate	mg/L	NA	NA	NA	NA	NA	NA	NA
TDS	mg/L	NA	NA	NA	NA	NA	NA	NA
STATE REQUIRED INORGANICS								
Chemical Oxygen Demand	mg/L	< 6.4	< 6.4	< 6.4	NA	NA	NA	< 6.4
Cyanide	mg/L	< 0.0050	< 0.0050	< 0.0050	NA	NA	NA	< 0.0050
Organic Carbon, Total	mg/L	4.7	1.8	1.2	NA	NA	NA	3.8
STATE REQUIRED METALS								
Antimony	mg/L	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
Arsenic	mg/L	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040
Barium	mg/L	0.11	0.072	0.040	0.066	0.025	0.015	0.098
Beryllium	mg/L	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Cadmium	mg/L	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Chromium	mg/L	0.0025 J	< 0.0020	< 0.0020	< 0.0020	0.0034 J	< 0.0020	< 0.0020
Cobalt	mg/L	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030
Copper	mg/L	0.015	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	0.0044 J
Lead	mg/L	0.0025 J	0.0023 J	< 0.0020	< 0.0020	0.0021 J	< 0.0020	0.0029 J
Mercury	mg/L	< 0.000070	< 0.000070	< 0.000070	< 0.000070	< 0.000070	< 0.000070	< 0.000070
Nickel	mg/L	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030
Selenium	mg/L	0.0047 J	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040
Silver	mg/L	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
Thallium	mg/L	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025
Vanadium	mg/L	0.0049 J	< 0.0030	< 0.0030	< 0.0030	0.0059 J	< 0.0030	0.0030 J
Zinc	mg/L	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080
MAJOR IONS								
Alkalinity Total as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA
Bicarbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA
Carbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA
FIELD PARAMETERS								
Oxidation Reduction Potential, Field	mV	256	75	-13	72	122	116	119
pH, Field	SU	7.16	6.83	6.79	6.77	7.13	7.42	7.28
RDO Concentration, Field	mg/L	4.57	10.43	8.87	5.54	8.4	9.62	10.01
Specific Conductance, Field	uS/cm	505	424	188	304	227	175	429
Temperature, Field	deg C	18.1	11	11.9	10.9	16.1	12.5	11
Turbidity, Field	NTU	4.38	4.68	6.86	16.3	1.56	5.27	3.02

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

Historic Surface Water
Georgia Power Company
Plant Scherer - Surface Water
Monroe County, GA

Sample Location		SWA-1	SWA-2	SWA-3	SWC-4	SWC-5	SWC-6	SWC-7
Sample Date		05/04/2012	05/04/2012	05/04/2012	05/03/2012	05/03/2012	05/03/2012	05/03/2012
ANALYTE	UNITS							
APPENDIX III								
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	21	9.5	9.9	NA	NA	NA	18
Fluoride	mg/L	NA	NA	NA	NA	NA	NA	NA
pH, Field	SU	8.83	7.43	7.28	8.3	7.49	7.89	7.76
Sulfate	mg/L	NA	NA	NA	NA	NA	NA	NA
TDS	mg/L	NA	NA	NA	NA	NA	NA	NA
STATE REQUIRED INORGANICS								
Chemical Oxygen Demand	mg/L	12	95	< 6.4	NA	NA	NA	< 6.4
Cyanide	mg/L	< 0.0050	< 0.0050	< 0.0050	NA	NA	NA	< 0.0050
Organic Carbon, Total	mg/L	5.6	1.5	0.95 J	NA	NA	NA	4.3
STATE REQUIRED METALS								
Antimony	mg/L	< 0.0020	< 0.0020	< 0.0020	< 0.0020 J	< 0.0020 J	< 0.0020	< 0.0020
Arsenic	mg/L	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040
Barium	mg/L	0.13	0.082	0.034	0.11	0.023	0.026	0.11
Beryllium	mg/L	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Cadmium	mg/L	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Chromium	mg/L	0.0035 J	< 0.0020	< 0.0020	0.0035 J	< 0.0020	0.0046 J	< 0.0020
Cobalt	mg/L	< 0.0030	0.0042 J	< 0.0030	< 0.0030	< 0.0030	0.0050 J	< 0.0030
Copper	mg/L	0.022	< 0.0020	< 0.0020	0.014	< 0.0020	< 0.0020	0.0072 J
Lead	mg/L	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
Mercury	mg/L	< 0.000070	< 0.000070	< 0.000070	< 0.000070	< 0.000070	< 0.000070	< 0.000070
Nickel	mg/L	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030
Selenium	mg/L	0.0054 J	< 0.0040	< 0.0040	0.0061 J	< 0.0040	< 0.0040	< 0.0040
Silver	mg/L	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
Thallium	mg/L	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025
Vanadium	mg/L	0.0074 J	< 0.0030	< 0.0030	0.0081 J	0.0041 J	0.0073 J	0.0043 J
Zinc	mg/L	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080
MAJOR IONS								
Alkalinity Total as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA
Bicarbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA
Carbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA
FIELD PARAMETERS								
Oxidation Reduction Potential, Field	mV	167	-30	56	154	87	124	151
pH, Field	SU	8.83	7.43	7.28	8.3	7.49	7.89	7.76
RDO Concentration, Field	mg/L	7.87	7.7	6.87	5.2	7.02	7.6	6.07
Specific Conductance, Field	uS/cm	498	434	195	480	239	171	452
Temperature, Field	deg C	26.9	21.2	21.1	27	25.3	21.9	22.8
Turbidity, Field	NTU	11.7	8.81	6.22	8.12	2.61	23.9	7.3

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

Historic Surface Water
Georgia Power Company
Plant Scherer - Surface Water
Monroe County, GA

Sample Location		SWA-1	SWA-2	SWC-4	SWC-6	SWC-7
Sample Date		10/29/2011	10/29/2011	10/29/2011	10/29/2011	10/29/2011
ANALYTE	UNITS					
APPENDIX III						
Boron	mg/L	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA
Chloride	mg/L	20	10	NA	NA	4.0
Fluoride	mg/L	NA	NA	NA	NA	NA
pH, Field	SU	6.67	6.77	6.77	6.67	6.89
Sulfate	mg/L	NA	NA	NA	NA	NA
TDS	mg/L	NA	NA	NA	NA	NA
STATE REQUIRED INORGANICS						
Chemical Oxygen Demand	mg/L	13	7.7 J	NA	NA	< 6.4
Cyanide	mg/L	< 0.0050	< 0.0050	NA	NA	< 0.0050
Organic Carbon, Total	mg/L	5	3.3	NA	NA	2.1
STATE REQUIRED METALS						
Antimony	mg/L	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
Arsenic	mg/L	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040
Barium	mg/L	0.1	0.071	0.079	0.041	0.040
Beryllium	mg/L	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Cadmium	mg/L	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Chromium	mg/L	< 0.0020	< 0.0020	< 0.0080	< 0.0080	< 0.0080
Cobalt	mg/L	< 0.0030	< 0.0030	< 0.0020	0.010	0.0088 J
Copper	mg/L	0.014	< 0.0020	0.0068 J	< 0.0030	< 0.0030
Lead	mg/L	0.0042 J	0.0038 J	0.0035 J	0.0033 J	< 0.0020
Mercury	mg/L	< 0.000070	< 0.000070	< 0.000070	< 0.000070	< 0.000070
Nickel	mg/L	< 0.0030	< 0.0030	< 0.0020	< 0.0020	< 0.0020
Selenium	mg/L	0.0084 J	< 0.0040	< 0.0030	< 0.0030	< 0.0030
Silver	mg/L	< 0.0020	< 0.0020	< 0.0040	< 0.0040	< 0.0040
Thallium	mg/L	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025
Vanadium	mg/L	0.0080 J	< 0.0030	0.0044 J	< 0.0020	< 0.0020
Zinc	mg/L	< 0.0080	< 0.0080	< 0.0030	< 0.0030	< 0.0030
MAJOR IONS						
Alkalinity Total as CaCO3	mg/L	NA	NA	NA	NA	NA
Bicarbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA
Carbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA
FIELD PARAMETERS						
Oxidation Reduction Potential, Field	mV	214	188	200	187	179
pH, Field	SU	6.67	6.77	6.77	6.67	6.89
RDO Concentration, Field	mg/L	10.44	8.11	8.91	6.88	7.66
Specific Conductance, Field	uS/cm	467	366	400	32.5	32.7
Temperature, Field	deg C	14.9	15.9	15.6	16.2	15.5
Turbidity, Field	NTU	22.7	26.4	27.6	31.1	18.9

Notes:
mg/L - milligrams per liter; SU - Standard Units; mV - millivolts; C - degrees Celcius; NTU - Nephelometric Turbidity Unit; uS/cm - microsiemens per centimeter
NA - Indicates substance not analyzed
< indicates the substance was not detected above the reporting limit (RL). The value displayed is the RL.
J - The result is an estimated concentration. "J" qualifiers are applied by the laboratory when the concentration reported is above the method detection limit, but below the laboratory reporting limit.
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Historic Surface Water
Georgia Power Company
Plant Scherer - Surface Water
Monroe County, GA

Sample Location		SWA-1	SWA-2	SWA-3	SWC-4	SWC-5	SWC-6	SWC-7
Sample Date		04/30/2011	04/30/2011	04/30/2011	04/30/2011	04/30/2011	04/30/2011	04/30/2011
ANALYTE	UNITS							
APPENDIX III								
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	19	8.9	9.5	NA	NA	NA	17
Fluoride	mg/L	NA	NA	NA	NA	NA	NA	NA
pH, Field	SU	7.73	6.94	7.09	7.69	7.90	7.77	7.74
Sulfate	mg/L	NA	NA	NA	NA	NA	NA	NA
TDS	mg/L	NA	NA	NA	NA	NA	NA	NA
STATE REQUIRED INORGANICS								
Chemical Oxygen Demand	mg/L	24	9.1 J	23	NA	NA	NA	25
Cyanide	mg/L	< 0.0050	< 0.0050	< 0.0050	NA	NA	NA	< 0.0050
Organic Carbon, Total	mg/L	6.4	1.6	1.2	NA	NA	NA	5.3
STATE REQUIRED METALS								
Antimony	mg/L	< 0.0020 J	< 0.0020 J	< 0.0020 J	< 0.0020 J	< 0.0020 J	< 0.0020 J	< 0.0020 J
Arsenic	mg/L	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040
Barium	mg/L	0.083 J	0.079 J	0.038 J	0.056 J	0.045 J	0.080 J	0.081 J
Beryllium	mg/L	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Cadmium	mg/L	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Chromium	mg/L	0.0022 J	< 0.0020	< 0.0020	0.0024 J	0.011	0.0022 J	0.0023 J
Cobalt	mg/L	< 0.0030	0.0052 J	0.014	0.0054 J	0.0035 J	< 0.0030	< 0.0030
Copper	mg/L	0.021	< 0.0020	< 0.0020	< 0.0020	0.0079 J	0.015	0.016
Lead	mg/L	< 0.0020	0.0027 J	< 0.0020	0.0031 J	0.0046 J	0.0022 J	0.0025 J
Mercury	mg/L	< 0.000070	0.000077 J	0.000071 J	0.000084 J	0.000097 J	0.000098 J	< 0.000070
Nickel	mg/L	< 0.0030	< 0.0030	0.0033 J	< 0.0030	0.0045 J	< 0.0030	< 0.0030
Selenium	mg/L	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	0.0040 J	< 0.0040
Silver	mg/L	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
Thallium	mg/L	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025
Vanadium	mg/L	0.0058 J	< 0.0020	< 0.0020	0.0063 J	0.030	0.0063 J	0.0063 J
Zinc	mg/L	< 0.0080	< 0.0080	0.0085 J	< 0.0080	0.012 J	< 0.0080	< 0.0080
MAJOR IONS								
Alkalinity Total as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA
Bicarbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA
Carbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA
FIELD PARAMETERS								
Oxidation Reduction Potential, Field	mV	10	10	28	12	31	219	222
pH, Field	SU	7.73	6.94	7.09	7.69	7.90	7.77	7.74
RDO Concentration, Field	mg/L	5.93	6.72	6.4	7.04	6.74	8.3	8.87
Specific Conductance, Field	uS/cm	127	148	122	115	35	126	135
Temperature, Field	deg C	25	18.8	18.7	19.1	20	22.6	22.4
Turbidity, Field	NTU	23.8	6.37	7.21	26.1	276	24.2	223

Notes:
mg/L - milligrams per liter; SU - Standard Units; mV - millivolts; C - degrees Celcius; NTU - Nephelometric Turbidity Unit; uS/cm - microsiemens per centimeter.
NA - Indicates substance not analyzed
< indicates the substance was not detected above the reporting limit (RL). The value displayed is the RL.
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Historic Surface Water
Georgia Power Company
Plant Scherer - Surface Water
Monroe County, GA

Sample Location		SWA-1	SWC-5	SWA-2	SWA-3	SWC-4	SWC-6	SWC-7	SWC-8
Sample Date		09/07/2010	09/07/2010	09/06/2010	09/06/2010	09/06/2010	09/06/2010	09/06/2010	09/06/2010
ANALYTE	UNITS								
APPENDIX III									
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	17	NA	9.8	11	NA	NA	19	NA
Fluoride	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
pH, Field	SU	6.82	6.19	6.07	6.11	6.56	7.7	7.21	6.87
Sulfate	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
TDS	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
STATE REQUIRED INORGANICS									
Chemical Oxygen Demand	mg/L	22	NA	11	9.7 J	NA	NA	20	NA
Cyanide	mg/L	< 0.0050	NA	< 0.0050	< 0.0050	NA	NA	< 0.0050	NA
Organic Carbon, Total	mg/L	5.0	NA	1.0	0.57 J	NA	NA	5.6	NA
STATE REQUIRED METALS									
Antimony	mg/L	0.0024 J	0.0020 J	0.0030 J	0.0041 J	0.0023 J	0.0071	0.012	0.0053
Arsenic	mg/L	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040
Barium	mg/L	0.12	0.042 J	0.082 J	0.032 J	0.058 J	0.062 J	0.12	0.046 J
Beryllium	mg/L	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Cadmium	mg/L	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Chromium	mg/L	0.0033 J	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	0.0037 J	< 0.0020
Cobalt	mg/L	< 0.0030	< 0.0030	0.0035 J	< 0.0030	0.037 J	0.0086 J	< 0.0030	0.0038 J
Copper	mg/L	0.032	< 0.0020	< 0.0020	< 0.0020	< 0.0020	0.0080 J	0.035	< 0.0020
Lead	mg/L	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
Mercury	mg/L	0.000092 J	< 0.000070	< 0.000070	0.00010 J	< 0.000070	< 0.000070	0.00010 J	< 0.000070
Nickel	mg/L	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030
Selenium	mg/L	0.0071 J	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	0.0048 J	< 0.0040
Silver	mg/L	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
Thallium	mg/L	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025
Vanadium	mg/L	0.011	0.0059 J	< 0.0030	< 0.0020	< 0.0020	0.0051 J	0.013	< 0.002
Zinc	mg/L	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080
MAJOR IONS									
Alkalinity Total as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Bicarbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Carbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
FIELD PARAMETERS									
Oxidation Reduction Potential, Field	mV	66	45	57	72	56	50	58	45
pH, Field	SU	6.82	6.19	6.07	6.11	6.56	7.7	7.21	6.87
RDO Concentration, Field	mg/L	7.51	5.74	7.27	7.87	7.85	9.01	7.78	7.11
Specific Conductance, Field	uS/cm	347	90	267	212	227	100	402	94
Temperature, Field	deg C	22.1	22.8	18.6	18.4	19.4	15.7	22	21.2
Turbidity, Field	NTU	9.82	31.8	7.88	6.84	6.23	17.7	15.6	10.7

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

Historic Surface Water
Georgia Power Company
Plant Scherer - Surface Water
Monroe County, GA

Sample Location		SWA-2	SWC-4	SWC-6	SWC-7	SWA-1	SWC-5	SWC-8
Sample Date		07/29/2010	07/29/2010	07/29/2010	07/29/2010	07/28/2010	07/28/2010	07/28/2010
ANALYTE	UNITS							
APPENDIX III								
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	9.1	NA	NA	16	18	NA	NA
Fluoride	mg/L	NA	NA	NA	NA	NA	NA	NA
pH, Field	SU	8.06	8.08	8.03	8.04	8.98	7.74	7.69
Sulfate	mg/L	NA	NA	NA	NA	NA	NA	NA
TDS	mg/L	NA	NA	NA	NA	NA	NA	NA
STATE REQUIRED INORGANICS								
Chemical Oxygen Demand	mg/L	< 1.8	NA	NA	8.2	12	NA	NA
Cyanide	mg/L	< 0.010	NA	NA	< 0.010	< 0.010	NA	NA
Organic Carbon, Total	mg/L	2.1	NA	NA	5.5	6.4	NA	NA
STATE REQUIRED METALS								
Antimony	mg/L	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Arsenic	mg/L	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040
Barium	mg/L	0.064 J	0.046 J	0.038 J	0.070 J	0.072 J	0.042 J	0.056 J
Beryllium	mg/L	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Cadmium	mg/L	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Chromium	mg/L	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	0.0029 J	< 0.0020
Cobalt	mg/L	< 0.0030	< 0.0030	0.0070 J	< 0.0030	< 0.0030	< 0.0030	0.0042 J
Copper	mg/L	< 0.0020	< 0.0020	< 0.0020	0.011	0.017	0.0021 J	< 0.0020
Lead	mg/L	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
Mercury	mg/L	< 0.000070	< 0.000070	0.000099 J	< 0.000070	< 0.000070	< 0.000070	< 0.000070
Nickel	mg/L	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030
Selenium	mg/L	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040
Silver	mg/L	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
Thallium	mg/L	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040
Vanadium	mg/L	< 0.0020	< 0.0020	0.0037 J	0.0046 J	0.0055 J	0.0060 J	< 0.0020
Zinc	mg/L	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080
MAJOR IONS								
Alkalinity Total as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA
Bicarbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA
Carbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA
FIELD PARAMETERS								
Oxidation Reduction Potential, Field	mV	154	141	156	164	153	151	98
pH, Field	SU	8.06	8.08	8.03	8.04	8.98	7.74	7.69
RDO Concentration, Field	mg/L	6.6	5.7	8.82	6.75	5.9	6.5	6.14
Specific Conductance, Field	uS/cm	376	287	162	263	255	257	303
Temperature, Field	deg C	24	24.1	22.4	27.4	33.5	25.2	25
Turbidity, Field	NTU	18.6	12.2	16.2	14.9	10.8	33.9	18.6

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

Historic Surface Water
Georgia Power Company
Plant Scherer - Surface Water
Monroe County, GA

Sample Location		SWA-1	SWA-2	SWA-3	SWC-4	SWC-5	SWC-6	SWC-7	SWC-8
Sample Date		06/19/2010	06/19/2010	06/19/2010	06/19/2010	06/19/2010	06/19/2010	06/19/2010	06/19/2010
ANALYTE	UNITS								
APPENDIX III									
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	19	9.4	9.7	NA	NA	NA	18	NA
Fluoride	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
pH, Field	SU	8.66	7.22	7.18	7.40	6.44	7.78	8.23	7.10
Sulfate	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
TDS	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
STATE REQUIRED INORGANICS									
Chemical Oxygen Demand	mg/L	19	7.2 J	7.5 J	NA	NA	NA	16	NA
Cyanide	mg/L	< 0.0050	< 0.0050	< 0.0050	NA	NA	NA	< 0.0050	NA
Organic Carbon, Total	mg/L	6.8	1.7	1.4	NA	NA	NA	6.5	NA
STATE REQUIRED METALS									
Antimony	mg/L	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Arsenic	mg/L	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040
Barium	mg/L	0.079 J	0.072 J	0.026 J	0.054 J	0.017 J	0.075 J	0.078 J	0.059 J
Beryllium	mg/L	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Cadmium	mg/L	< 0.0010	< 0.0010	< 0.0010	< 0.0010	0.0011 J	< 0.0010	< 0.0010	< 0.0010
Chromium	mg/L	< 0.0020	< 0.0020	< 0.0020	< 0.0020	0.0051	< 0.0020	< 0.0020	< 0.0020
Cobalt	mg/L	< 0.0030	0.0045 J	0.0030 J	< 0.0030	0.0083 J	< 0.0030	< 0.0030	0.0050 J
Copper	mg/L	0.028	< 0.0020	< 0.0020	0.0028 J	0.0028 J	0.022	0.025	< 0.0020
Lead	mg/L	0.0025 J	< 0.0020	< 0.0020	0.0021 J	0.0023 J	0.0021 J	0.0023 J	< 0.0020
Mercury	mg/L	< 0.000070	< 0.000070	< 0.000070	< 0.000070	< 0.000070	< 0.000070	< 0.000070	< 0.000070
Nickel	mg/L	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030
Selenium	mg/L	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040
Silver	mg/L	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
Thallium	mg/L	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040
Vanadium	mg/L	0.0041 J	< 0.0020	< 0.0020	0.0029 J	0.0094 J	0.0058 J	0.0050 J	< 0.0020
Zinc	mg/L	< 0.0080	< 0.0080	< 0.0080	< 0.0080	0.0088 J	< 0.0080	< 0.0080	< 0.0080
MAJOR IONS									
Alkalinity Total as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Bicarbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Carbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
FIELD PARAMETERS									
Oxidation Reduction Potential, Field	mV	75	-5	133	67	66	68	72	29
pH, Field	SU	8.66	7.22	7.18	7.40	6.44	7.78	8.23	7.10
RDO Concentration, Field	mg/L	6.16	8.24	7.59	7.45	3.89	7.66	5.31	7.33
Specific Conductance, Field	uS/cm	275	371	196	300	55	152	271	263
Temperature, Field	deg C	31.5	27.1	28.3	25.9	26.3	26.6	31	26.3
Turbidity, Field	NTU	8.58	6.48	5.35	20.5	105	32.4	15.3	7.65

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

Historic Surface Water
Georgia Power Company
Plant Scherer - Surface Water
Monroe County, GA

Sample Location		SWA-1	SWA-2	SWA-3	SWC-4	SWC-5	SWC-6	SWC-7	SWC-8
Sample Date		05/12/2010	05/12/2010	05/12/2010	05/12/2010	05/12/2010	05/12/2010	05/12/2010	05/12/2010
ANALYTE	UNITS								
APPENDIX III									
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	15	9.1	9.6	NA	NA	NA	15	NA
Fluoride	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
pH, Field	SU	6.63	5.96	5.60	6.28	5.97	6.25	6.55	6.14
Sulfate	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
TDS	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
STATE REQUIRED INORGANICS									
Chemical Oxygen Demand	mg/L	25	16	5.6 J	NA	NA	NA	15	NA
Cyanide	mg/L	< 0.0050	< 0.0050	< 0.0050	NA	NA	NA	< 0.010	NA
Organic Carbon, Total	mg/L	5.3	1.9	1.3	NA	NA	NA	4.8	NA
STATE REQUIRED METALS									
Antimony	mg/L	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Arsenic	mg/L	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040
Barium	mg/L	0.14	0.078 J	0.035 J	0.052 J	0.039 J	0.043 J	0.14	0.088 J
Beryllium	mg/L	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Cadmium	mg/L	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
Chromium	mg/L	0.0039 J	< 0.0020	< 0.0020	< 0.0020	0.0055	0.0021 J	0.0040 J	< 0.0020
Cobalt	mg/L	< 0.0030	0.0065 J	0.011	< 0.0030	0.023	0.0068 J	< 0.0030	0.010
Copper	mg/L	0.033	< 0.0020	< 0.0020	< 0.0020	0.0041 J	< 0.0020	0.028	< 0.0020
Lead	mg/L	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
Mercury	mg/L	< 0.000070	< 0.000070	< 0.000070	0.000072 J	< 0.000070	0.000070 J	< 0.000070	0.000080 J
Nickel	mg/L	0.0031 J	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030	< 0.0030
Selenium	mg/L	0.012	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	0.011	< 0.0040
Silver	mg/L	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
Thallium	mg/L	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040	< 0.0040
Vanadium	mg/L	0.016	< 0.0020	< 0.0020	< 0.0020	0.013	0.0033 J	0.016	< 0.0020
Zinc	mg/L	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080	< 0.0080
MAJOR IONS									
Alkalinity Total as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Bicarbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Carbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
FIELD PARAMETERS									
Oxidation Reduction Potential, Field	mV	50	45	63	51	37	42	43	34
pH, Field	SU	6.63	5.96	5.60	6.28	5.97	6.25	6.55	6.14
RDO Concentration, Field	mg/L	8.71	7.77	8.46	8	5.38	8.58	7.49	7.26
Specific Conductance, Field	uS/cm	363	280	224	212	72	112	361	88
Temperature, Field	deg C	24.4	17.5	16.8	18.6	23.6	19.5	25.3	18.6
Turbidity, Field	NTU	6.85	8.62	4.89	5.28	102	10.9	11	9.22

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

APPENDIX E

Statistical Analyses

GROUNDWATER STATS CONSULTING

August 29, 2025

Southern Company Services
Attn: Mr. Joju Abraham
241 Ralph McGill Blvd NE, Bin 10160
Atlanta, Georgia 30308-3374

Re: Plant Scherer Cell 1 Landfill
Background Update & Statistical Analysis – February 2025

Dear Mr. Abraham,

Groundwater Stats Consulting, formerly the statistical consulting division of Sanitas Technologies, is pleased to provide the groundwater background update and statistical analysis for the 2025 1st Semi-Annual Groundwater Monitoring Statistical Analysis sample event for Georgia Power Company's Plant Scherer Cell 1 Landfill. The analysis complies with the Georgia Environmental Protection Division (EPD) Rules for Solid Waste Management Chapter 391-3-4-.10 and follows the United States Environmental Protection Agency (USEPA) Unified Guidance (2009).

Sampling began for the Coal Combustion Residuals (CCR) program in 2016. Semi-annual sampling for 16 parameters began in 2010 in accordance with the Georgia Department of Natural Resources, Environmental Protection Division (Georgia EPD) groundwater monitoring regulations. At least 8 background samples have been collected at each of the groundwater monitoring wells.

The monitoring well network, as provided by Southern Company Services, consists of the following:

- **Upgradient wells:** GWA-15, GWA-16, and GWA-17
- **Downgradient wells:** GWC-1, GWC-2, GWC-3, GWC-4, GWC-5, GWC-6, GWC-7, GWC-8A, GWC-9, GWC-10, GWC-11, GWC-12, GWC-13, GWC-14, GWC-18, GWC-19, and GWC-20

Data were sent electronically to Groundwater Stats Consulting, and the statistical analysis was reviewed by Kristina Rayner, Founder and Senior Statistician for Groundwater Stats Consulting. The analysis is prepared according to the recommended statistical methodology prepared in the Fall 2017 by Dr. Kirk Cameron, PhD Statistician with MacStat Consulting, primary author of the USEPA Unified Guidance. In 2024, Georgia Power Company completed a data audit and migration of all CCR related groundwater data to the EarthSoft EQuIS Database Management Program (EQuIS). Data were then exported from EQuIS to Groundwater Stats Consulting (GSC) for use in completing this statistical analysis. Georgia Power Company contracted an independent third-party consultant, Environmental Resources Management (ERM), to support the data audit and migration to EQuIS. Based on the results of the audit and statistical analysis results from GSC, EQuIS will now be used by Georgia Power Company and its third-party geologists and engineers for management of data imported by independent third-party laboratories and data exported by Georgia Power Company and its Consultants. The data will be used in preparation of report submittals, modeling, strategic planning, and other purposes appropriate and consistent with EQuIS's data management and reporting tools and capabilities.

The State and CCR program consist of the constituents listed below. The terms "parameters" and "constituents" are used interchangeably:

- **CCR Appendix III -** boron, calcium, chloride, fluoride, pH, sulfate, and TDS
- **Georgia EPD Appendix I -** antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, nickel, selenium, silver, thallium, vanadium, and zinc

Statistical analyses are not required when 100% non-detects are present in wells for a given constituent. A list of Appendix I and III well/constituent pairs with 100% non-detects follows this letter. Due to varying detection limits in data sets, generally due to improved laboratory practices, a substitution of the most recent reporting limit is used for all non-detects. Note that for calculation of intrawell prediction limits, substitution of the most recent reporting limit is performed separately for each well/parameter pair. In some cases, the reporting limit provided by the laboratory contained varying limits for a given constituent; therefore, the substitution may differ from well to well. This generally gives the most conservative limit in each case. In the case of fluoride, varying reporting limits resulted for the February 2025 event; however, the most recent reporting limit of 0.1 mg/L was substituted across all wells to maintain statistical limits that are conservative from a regulatory perspective.

Time series plots for CCR Appendix III and Georgia EPD Appendix I parameters at all wells are provided for the purpose of screening data at these wells (Figure A). Additionally, a separate section of box plots is included for all constituents at upgradient and downgradient wells (Figure B). The time series plots are used to initially screen for suspected outliers and trends, while the box plots provide visual representation of variation within individual wells and between all wells. Values in background which have been flagged as outliers may be seen in a lighter font and as a disconnected symbol on the graphs.

In earlier analyses, data at all wells for constituents detected in downgradient wells were evaluated for the following: 1) outliers; 2) trends; 3) most appropriate statistical method based on site characteristics of groundwater data upgradient of the facility; and 4) eligibility of downgradient wells when intrawell statistical methods are recommended. Power curves were provided with the background update described below to demonstrate that the selected statistical methods for the constituents listed above comply with the USEPA Unified Guidance and the Georgia Environmental Protection Division Rules for Solid Waste Management Chapter 391-3-4-.10. The EPA suggests that the selected statistical method should provide at least 55% power at 3 standard deviations or at least 80% power at 4 standard deviations. It is assumed a minimum of 14 background samples for the state parameters and a minimum of 11 background samples for the federal parameters are available to provide adequate statistical power using a 1-of-2 resample plan. For any well/constituent pairs containing less than the minimum sample size requirements, the earlier portion of the record required truncation due to elevated concentrations compared to recently reported measurements which results in more conservative (i.e., lower) limits. Power curves were based on the following:

Georgia EPD Appendix I Constituents:

- Semi-Annual Sampling
- Interwell Prediction Limits with 1-of-2 resample plan (arsenic and silver)
- Intrawell Prediction Limits with 1-of-2 resample plan (antimony, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, nickel, selenium, thallium, vanadium, and zinc)
- # Constituents: 16
- # Downgradient wells: 17

CCR Appendix III Constituents:

- Semi-Annual Sampling
- Intrawell Prediction Limits with 1-of-2 resample plan – (boron, calcium, chloride, fluoride, pH, sulfate, and TDS)
- # Constituents: 7
- # Downgradient wells: 17

The distribution of data is tested using the Shapiro-Wilk/Shapiro-Francia test for normality. Parametric prediction limits are utilized when the screened historical data follow a normal or transformed-normal distribution. When data cannot be normalized or the majority of data are non-detects, a nonparametric test is utilized. While the false positive rate associated with the parametric limits is based on an annual 10% (5% for each semi-annual sample event) as recommended by the EPA Unified Guidance (2009), the false positive rate associated with the nonparametric limits is dependent upon the available background sample size, number of future comparisons, and verification resample plan. The following approaches are used for handling non-detects (USEPA, 2009):

- No statistical analyses are required on wells and analytes containing 100% non-detects (USEPA Unified Guidance, 2009, Chapter 6).
- When data contain <15% non-detects, simple substitution of one-half the reporting limit is utilized in the statistical analysis. The reporting limit utilized for non-detects is the most recent practical quantification limit (PQL) as reported by the laboratory.
- When data contain between 15-50% non-detects, the Kaplan-Meier non-detect adjustment is applied to the background data for parametric limits. This technique adjusts the mean and standard deviation of the historical concentrations to account for concentrations below the reporting limit.
- Nonparametric prediction limits are used on data containing greater than 50% non-detects.

Natural systems continuously evolve due to physical changes made to the environment. Examples include capping a landfill, paving areas near a well, or lining a drainage channel to prevent erosion. Periodic updating of background statistical limits is necessary to accommodate these types of changes. In the interwell case, prediction limits are updated with upgradient well data during each event after careful screening for any new outliers. In the intrawell case, data for all wells and constituents may be re-evaluated when a minimum of 4 new data points is available to determine whether earlier concentrations are representative of present-day groundwater quality. In some cases, an earlier portion

of data is deselected prior to construction of limits to provide sensitive limits that will rapidly detect changes in groundwater quality. Even though the data are excluded from the calculation, the values will continue to be reported and shown in tables and graphs.

Two-Step Statistical Analysis

Intrawell statistical methods, combined with a 1-of-2 resample plan, may be used as a conservative first step for identifying potential facility impacts to groundwater quality in downgradient wells. Intrawell methods use background data from individual wells and may be overly sensitive to spatial variation. In particular, for nonparametric limits with small background sample sizes, the probability of a false positive result is higher than the desired annual sitewide rate of 10%. Therefore, a large number of exceedances may occur as a result of spatial variation rather than facility impacts. A second step can be used to further evaluate those exceedances and reduce the overall number of statistically significant increases (SSIs) that result from spatial variation. In instances where intrawell statistical methods identify an apparent SSI, a second step of interwell statistical evaluation may be used to determine whether the measurement exceeds the sitewide background limit based on pooled upgradient well data. This is similar in concept to the procedure used in compliance monitoring programs where an interwell statistical limit is used to determine "background" (USEPA Unified Guidance (2009), Chapter 7, Section 7.5). For the detection monitoring program, if the result does not exceed sitewide (interwell) background, an SSI is not declared.

When the result exceeds the sitewide (interwell) background, the 1-of-2 resample plan allows for collection of an independent resample to confirm or disconfirm the initial finding. A statistically significant increase is not declared unless the resample also exceeds the intrawell prediction limit (United States Environmental Protection Agency (USEPA) Unified Guidance, March 2009, Chapter 19). When the resample confirms the initial exceedance, further research would be required to identify the cause of the exceedance (i.e., impact from the site, natural variation, or an off-site source). When any resample falls within the statistical limit, the initial exceedance is considered to be a false positive result, and no further action is necessary. In cases where intrawell and interwell exceedances are noted and no resamples are collected, the initial exceedance will be considered a confirmed SSI.

Trend tests, in addition to interwell prediction limits, are recommended for well/constituent pairs found to have an apparent intrawell SSI. Trend analysis will provide for detection of long-term changes and potential facility impacts at a given well in cases where the concentrations at that well remain below the sitewide upgradient limits. Thus, the two-step approach has additional capability to detect long-term changes at

downgradient wells compared to interwell methods alone. While a trend may be identified by visual inspection, a quantification of the trend and its significance is needed to identify whether concentrations are statistically significantly increasing, decreasing, or remaining stable over time. The absence of a statistically significant increasing trend indicates that an initial intrawell exceedance is short-term and may be the result of spatial variation rather than facility impact to groundwater. If a facility impact has occurred, it will likely result in additional exceedances in future sampling events. When a statistically significant increasing trend is noted, additional data may be needed to demonstrate that there is reasonable evidence that the initial intrawell statistical exceedance is a result of spatial variation rather than a result of impact to groundwater quality downgradient of the facility.

Summary of Background Screening – CCR Appendix III – Conducted in 2017

The original background screening for CCR Appendix III constituents was conducted in 2017 by MacStat Consulting. Values identified as outliers were flagged in the database and excluded prior to construction of statistical limits. Intrawell prediction limits, combined with a 1-of-2 resample plan, were recommended. The Analysis of Variance (ANOVA) was used to statistically evaluate differences in average concentrations among upgradient wells, which assists in identifying the most appropriate statistical approach. Interwell tests, which compare downgradient well data to statistical limits constructed from pooled upgradient well data, are appropriate when average concentrations are similar across upgradient wells. Intrawell tests, which compare compliance data from a single well to screened historical data within the same well, are appropriate when upgradient wells exhibit spatial variation; when statistical limits constructed from upgradient wells would not be conservative from a regulatory perspective; and when downgradient water quality is unimpacted compared to upgradient water quality for the same parameter. Based on the results of the original background screening, intrawell tests were recommended for all Appendix III parameters.

Summary of Background Screening – Georgia EPD Appendix I – Conducted in August 2019

Outlier Analysis

Time series plots were used to identify suspected outliers, or extreme values that would result in limits that are not representative of the current background data population. Suspected outliers at all wells and parameters were formally tested using Tukey's box plot method and, when identified, flagged in the computer database with "o" and deselected prior to construction of statistical limits. The results of Tukey's outlier test as well as a

discussion of potential outliers and flagged values were included with the background screening report.

Seasonality

No obvious seasonal patterns were observed on the time series plots for any of the detected data; therefore, no deseasonalizing adjustments were made to the data. When seasonal patterns are observed, data may be deseasonalized so that the resulting limits will correctly account for the seasonality as a predictable pattern rather than random variation or a release.

Trend Tests

While trends may be identified by visual inspection, a quantification of the trend and its significance is needed. The Sen's Slope/Mann Kendall trend test, which tests for statistically significant increasing or decreasing trends, was used to evaluate data at all upgradient wells and downgradient wells with detections for the following constituents: arsenic, barium, chromium, cobalt, copper, lead, nickel, selenium, silver, vanadium, and zinc.

In the absence of suspected contamination, significant trending data are typically not included as part of the background data used for construction of prediction limits. This step serves to eliminate the trend and, thus, reduce variation in background. When statistically significant decreasing trends are present, all available data are evaluated to determine whether earlier concentration levels are significantly different from current reported concentrations and will be deselected as necessary. When any records of data are truncated for the reasons above, a summary report will be provided to show the date ranges used in construction of the statistical limits.

The results of the trend analyses showed several statistically significant increasing trends. However, the majority of these trends were relatively low in magnitude when compared to average concentrations; therefore, most records required no adjustments. The following well/constituent pairs did require adjustments to the records in order to remove increasing trends and use more recent data that resulted in statistical limits representative of current groundwater quality conditions: chromium in wells GWC-1 and GWC-10, and vanadium in well GWC-1. A summary of the background periods used for these well/constituent pairs was provided with the background update report. When an increasing trend in a downgradient well is removed by truncating the earlier portion of the record for a constituent analyzed by intrawell limits, it is assumed that the trend is not

the result of the facility. This assumption is supported by a boxplot for all wells, by pre-waste data, or by an alternate source demonstration.

Selenium at well GWC-5 had elevated concentrations beginning in 2015, reportedly, due to surface infiltration from a leaking pipe that has since been fixed. Therefore, trend tests were recommended in lieu of prediction limits. While the trend test showed an increasing trend when the entire record of data was evaluated, an additional trend test which evaluated only the most recent 8 measurements was included and demonstrated that the more recent measurements resulted in a statistically significant decreasing trend. Prediction limits resumed when at least 8 measurements returned to background levels.

Several statistically significant decreasing trends were noted, but no records required adjustment during the screening. Vanadium at well GWC-8A has several more recent low-level reported concentrations similar to those reported during the earliest years of sampling. If these low-level concentrations continue, once a minimum of 8 new observations is available, the background data will likely be truncated to only use more recent data for construction of statistical limits.

Determination of Spatial Variation

The Analysis of Variance (ANOVA) was used to statistically evaluate differences in average concentrations among upgradient wells for constituents detected in downgradient wells which included: arsenic, barium, chromium, cobalt, copper, lead, nickel, selenium, silver, vanadium, and zinc. The ANOVA assists in identifying the most appropriate statistical approach. Based on the results of the background screening, intrawell tests were recommended for antimony, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, nickel, selenium, thallium, vanadium, and zinc, while interwell tests were recommended for arsenic and silver. A summary table of the ANOVA results and a discussion of the intrawell method eligibility was included with the screening.

Background Update Summaries – Georgia EPD Appendix I and CCR Appendix III

June 2021 & May 2023

Outlier Analysis

Prior to updating background data, visual screening was used to evaluate data for suspected outliers in upgradient and downgradient wells. Both Tukey's outlier test and visual screening confirmed previously flagged outliers with the exception of low values for pH at upgradient well GWA-15, downgradient wells GWC-2, GWC-11, GWC-12, and

GWC-14. These values were unflagged during the update as the measurements were representative of concentrations throughout the respective records. Elevated historic concentrations compared to present-day conditions, such as the highest respective values for copper in downgradient well GWC-8A, lead in downgradient well GWC-3, pH in well GWC-2, and TDS in downgradient well GWC-11, were flagged in order to maintain conservative (i.e., lower) statistical limits. Outliers are displayed in a lighter font and as a disconnected symbol on the time series reports, as well as in a lighter font on the accompanying data pages.

Mann-Whitney Comparison of Medians

For constituents tested using intrawell prediction limits, which includes all Georgia EPD Appendix I constituents (except arsenic and silver which utilize interwell prediction limits) and all CCR Appendix III constituents, the Mann-Whitney (Wilcoxon Rank Sum) test was used to compare the medians of historical data through to the new compliance samples at each well. When no variation is present between historical data and compliance samples, the Mann-Whitney test is not performed. A list of well/constituent pairs with no variation was submitted with the background update. When the medians of the two groups are not statistically significantly different at the 99% confidence level, background data sets are updated to include the newer compliance data. The results of the Mann-Whitney test and discussion regarding updating background records were included with each background update report.

Trend Tests

For constituents requiring interwell prediction limits (arsenic and silver), the Sen's Slope/Mann Kendall trend test, which tests for statistically significant increasing or decreasing trends, was used to evaluate data at all upgradient wells. No significant trends were identified among upgradient wells for arsenic and silver; therefore, no further action was necessary. Complete graphical results of the trend tests were submitted with the background update report.

April 2025

Outlier Analysis

Prior to updating background data, visual screening and Tukey's outlier test were used to evaluate data for suspected outliers in upgradient and downgradient wells through August/November 2024. Both Tukey's outlier test and visual screening confirmed previously flagged outliers with the exception of values for nickel at downgradient well

GWC-8A. These values were unflagged during the update as the measurements were representative of concentrations throughout the record. Elevated historic observations compared to remaining concentrations, such as values for barium in downgradient well GWC-3, calcium in downgradient well GWC-5, chromium in downgradient wells GWC-8A and GWC-10, nickel in downgradient wells GWC-7, GWC-9, GWC-10, and GWC-14, and TDS in downgradient well GWC-8A were flagged in order to maintain conservative (i.e., lower) statistical limits. A summary of all flagged outliers follows this letter (Figure C). Outliers are displayed in a lighter font and as a disconnected symbol on the time series reports as well as in a lighter font on the accompanying data pages.

Mann-Whitney Comparison of Medians

For constituents tested using intrawell prediction limits, which include all Georgia EPD Appendix I constituents (except arsenic and silver which utilize interwell prediction limits) and all CCR Appendix III constituents, the Mann-Whitney (Wilcoxon Rank Sum) test was used to compare the medians of historical data through December 2022 to the new compliance samples at each well through August/November 2024 (Figure D). When no variation is present between historical data and compliance samples, the Mann-Whitney test is not performed. When the medians of the two groups are not statistically significantly different at the 99% confidence level (either an increase or decrease), background data sets may be updated to include the newer compliance data. The results of the Mann-Whitney test showed statistically significant differences for the following well/constituent pairs:

Increase:

- Barium: GWC-4, GWC-10, GWC-12, GWC-13, GWC-14, GWC-19, and GWC-20
- Calcium: GWA-16, GWA-17 (both upgradient), GWC-4, GWC-7, GWC-8A, GWC-9, GWC-14, GWC-19, and GWC-20
- Chloride: GWC-4, GWC-7, GWC-14, GWC-19, and GWC-20
- Chromium: GWA-16 (upgradient) and GWC-19
- Nickel: GWC-8A
- pH: GWA-17 (upgradient)
- Sulfate: GWC-3, GWC-4, GWC-7, GWC-9, and GWC-10
- TDS: GWC-4

Decrease:

- Boron: GWC-5
- Calcium: GWC-5
- Chloride: GWC-5

- Nickel: GWC-3, GWC-6, GWC-9, and GWC-13
- Selenium: GWC-4 and GWC-5
- Sulfate: GWC-5
- TDS: GWC-5
- Vanadium: GWC-4

For both Appendix I and III well/constituent pairs with a statistically significant increase in median concentrations, the following records were not updated with data through August/November 2024 in order to maintain statistical limits that are conservative from a regulatory perspective or an increasing trend is present among more recent data:

- Barium: GWC-4 and GWC-19
- Calcium: GWC-4, GWC-8A, and GWC-19
- Chloride: GWC-4
- Sulfate: GWC-3, GWC-4, and GWC-9
- TDS: GWC-4

The following records identified with statistically significant increasing trends were updated through August/November 2024 because the newer data were within or close to the range of earlier data and would have little to no impact on resulting statistical limits:

- Barium: GWC-10, GWC-12, GWC-13, GWC-14, and GWC-20
- Calcium: GWA-16, GWA-17 (both upgradient), GWC-7, GWC-9, GWC-14, and GWC-20
- Chloride: GWC-7, GWC-14, GWC-19, and GWC-20
- Chromium: GWA-16 (upgradient) and GWC-19
- Nickel: GWC-8A
- pH: GWA-17 (upgradient)
- Sulfate: GWC-7 and GWC-10

Although an increasing trend is present for chloride at well GWC-7 and sulfate at well GWC-10, the reported concentrations remain low with both well/constituent pairs resulting in intrawell prediction limits approximately 5 mg/L, which are significantly lower than the Maximum Concentration Limits (MCLs) of 250 mg/L for both constituents. These records will be re-evaluated during the next background update.

Regarding Appendix I and III well/constituent pairs with a statistically significant decrease in median concentrations, all records were updated with compliance data through August/November 2024 as all contained compliance data at or below existing observations in background or the respective reporting limits. Earlier portions of the

record for calcium, selenium, sulfate, and TDS at well GWC-5 were further truncated to construct statistical limits representative of current conditions and are readily capable of detecting changes in groundwater quality. Although not identified by the Mann-Whitney test, concentrations prior to July 2017 for vanadium at downgradient well GWC-8A were significantly higher and more variable than more recent concentrations; therefore, the early portion of the record was truncated to use more recent and stable observations.

The Mann Whitney test did not identify significant differences in medians for lead; however, it was noted during a previous update that historical data prior to 2016 are variable and appear to represent a sampling or analysis error. Therefore, all historical data prior to 2016 for lead were truncated so that resulting prediction limits are conservative (i.e., lower) from a regulatory perspective.

A summary of well/constituent pairs using a truncated portion of their record to establish intrawell prediction limits follows this letter. All records for Appendix I and Appendix III constituents using intrawell methods will be re-evaluated during the next background update.

Trend Tests

For constituents requiring interwell prediction limits (arsenic and silver), the Sen's Slope/Mann Kendall trend test, which tests for statistically significant increasing or decreasing trends, was used to evaluate data at all upgradient wells at the 99% confidence level (Figure E). As mentioned above, in the absence of suspected contamination, significant trending data are typically not included as part of the background data used for construction of prediction limits. This step serves to eliminate the trend, thus reducing variation in background. When statistically significant decreasing trends are present, all available data are evaluated to determine whether earlier concentration levels are significantly different from current reported concentrations and will be deselected as necessary. No significant trends were identified among upgradient wells for arsenic and silver; therefore, no further action was necessary. Complete graphical results follow this report.

Prediction Limits - Appendix I & III Constituents – February 2025

Intrawell limits were used to evaluate all Appendix I and III constituents in this analysis with the exception of arsenic and silver, which use interwell limits. In cases where intrawell analyses are recommended and downgradient average concentrations are higher than upgradient observed concentrations for a given constituent, the current assumption is that the higher upgradient concentrations are due to spatial variation rather than a result

of practices at the landfill. The pre-waste data support this logic, as well as the alternate source demonstrations prepared by WSP.

When there is not an obvious explanation for observed concentration differences in downgradient wells relative to reported concentrations in upgradient wells (such as arsenic and silver), interwell prediction limits are initially selected for the statistical method until further evidence shows that concentrations are due to spatial variation rather than a result of the facility.

Intrawell Prediction Limits

Intrawell prediction limits, combined with a 1-of-2 resample plan, were constructed using all available data through August/November 2024, except for cases mentioned above, within each well with detections for Appendix I constituents (antimony, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, nickel, selenium, thallium, vanadium, and zinc) and Appendix III constituents (boron, calcium, chloride, fluoride, pH, sulfate, and TDS) (Figures F & G respectively). No statistical analyses were required for well/constituent pairs containing 100% non-detects.

In the event of a confirmed initial exceedance of compliance well data, the 1-of-2 resample plan allows for collection of one additional sample to determine whether the initial exceedance is confirmed. If resamples confirm the initial exceedance, an SSI is identified, and further research would be required to identify the cause of the exceedance (i.e., impact from the site, natural variation, or an off-site source). If a resample falls within the statistical limit, the initial exceedance is considered to be a false positive result, and no further action is necessary. The following initial exceedances were noted for the intrawell prediction limits:

Appendix I

- Barium: GWA-15 (upgradient), GWC-4, GWC-6, GWC-19, and GWC-20
- Chromium: GWC-7
- Selenium: GWC-4
- Vanadium: GWA-17 (upgradient)

Appendix III

- Calcium: GWC-3, GWC-4, GWC-6, GWC-7, GWC-9, GWC-12, GWC-19, and GWC-20
- Chloride: GWC-4, GWC-7, and GWC-9
- pH (upper limit): GWA-16, GWA-17 (both upgradient), GWC-6, GWC-7, GWC-9, and GWC-18

- Sulfate: GWC-3, GWC-4, GWC-6, GWC-7, and GWC-9
- TDS: GWC-3 and GWC-4

Two-Step Approach

Following the two-step analysis procedure discussed above, interwell prediction limits were then constructed using pooled upgradient well data through February 2025 to evaluate the Appendix I and III apparent intrawell prediction limit exceedances (Figures H and I, respectively). The following statistical exceedances were noted for the interwell prediction limits:

Appendix I

- Barium: GWC-4 and GWC-6
- Chromium: GWC-7
- Selenium: GWC-4

Appendix III

- Calcium: GWC-4, GWC-6, GWC-7, GWC-9, GWC-19, and GWC-20
- Chloride: GWC-4
- pH: GWC-9
- Sulfate: GWC-3, GWC-4, GWC-6, and GWC-9
- TDS: GWC-4

Interwell Prediction Limits

Interwell prediction limits, combined with a 1-of-2 resample plan, were then constructed using all pooled upgradient well data through February 2025 to develop background limits for arsenic and silver (Figure J). No statistical exceedances were noted for the interwell prediction limits.

Summary tables of the intrawell and interwell prediction limits follow this letter along with the complete graphical results. The interwell limits are updated during each analysis after screening for new outliers on the current upgradient well data, while the intrawell prediction limits are updated when a minimum of four new compliance observations is available.

Trend Tests

When prediction limit exceedances occur in any of the downgradient wells, data are further evaluated using the Sen's Slope/Mann Kendall trend test at the 99% confidence

level to determine whether concentrations are significantly increasing, decreasing, or stable (Figure K). Upgradient wells are included in the trend analyses to identify whether similar patterns exist upgradient of the site which is an indication of variability in groundwater unrelated to practices at the site.

A summary of the trend tests follows this letter along with complete graphical results of the trend analysis. Statistically significant trends were noted for the following well/constituent pairs:

Increasing:

- Barium: GWC-4 and GWC-19
- Calcium: GWA-17 (upgradient), GWC-4, GWC-7, GWC-19, and GWC-20
- Chloride: GWA-15 (upgradient), GWC-4, and GWC-7
- Chromium: GWA-16 and GWA-17 (both upgradient)
- pH: GWA-17 (upgradient) and GWC-18
- Sulfate: GWA-15 (upgradient), GWC-3, and GWC-4
- TDS: GWC-4
- Vanadium: GWA-16 and GWA-17 (both upgradient)

Decreasing:

- Barium: GWA-17 (upgradient)
- Chloride: GWA-17 (upgradient)

Resample Reports – April 2025

Resamples were collected in April 2025 based on the results of the two-step approach for the following well/constituent pairs:

- Barium: GWC-4 and GWC-6
- Calcium: GWC-4, GWC-6, and GWC-19
- Chloride: GWC-4
- pH: GWC-9
- Selenium: GWC-4
- Sulfate: GWC-3, GWC-4, and GWC-6
- TDS: GWC-4

Additional resamples for pH at downgradient wells GWC-3, GWC-4, GWC-6, and GWC-19 were also collected. Intrawell prediction limits were constructed using background data through August/November 2024 to compare the April 2025 resamples for Appendix I and

III parameters (Figures L and M). Exceedances were identified for the following well/constituent pairs:

Appendix I
- Barium: GWC-4
- Selenium: GWC-4

Appendix III
- Calcium: GWC-4 and GWC-19
- Chloride: GWC-4
- Sulfate: GWC-3, GWC-4, and GWC-6
- TDS: GWC-4

In accordance with the two-step approach, interwell prediction limits were constructed to evaluate the apparent exceedances (Figures N and O). Exceedances were identified for the following well/constituent pairs:

Appendix I
- Barium: GWC-4
- Selenium: GWC-4

Appendix III:
- Calcium: GWC-4 and GWC-19
- Chloride: GWC-4
- Sulfate: GWC-3, GWC-4, and GWC-6
- TDS: GWC-4

Summary

Based on the results of the February 2025 samples and the April 2025 resamples using intrawell prediction limits, interwell prediction limits, and the two-step interwell prediction limit approach, apparent intrawell prediction limit exceedances also exceeded the interwell prediction limits for the following well/constituent pairs:

Appendix I
- Barium: GWC-4
- Chromium: GWC-7
- Selenium: GWC-4

Appendix III
- Calcium: GWC-4, GWC-7, GWC-9, GWC-19, and GWC-20

- Chloride: GWC-4
- Sulfate: GWC-3, GWC-4, GWC-6, and GWC-9
- TDS: GWC-4

Thank you for the opportunity to assist you in the statistical analysis of groundwater quality for Plant Scherer Cell 1 Landfill. If you have any questions or comments, please feel free to contact us.

For Groundwater Stats Consulting,



Andrew T. Collins
Project Manager



Kristina L. Rayner
Senior Statistician

Table of Contents

Summary Tables	19
Figure A. Time Series	52
Figure B. Box Plots	240
Figure C. Outlier Summary	264
Figure D. Mann-Whitney	386
Figure E. Upgradient Wells Trend Tests	837
Figure F. Appendix I Intrawell Prediction Limits	841
Figure G. Appendix III Intrawell Prediction Limits	1124
Figure H. Appendix I Interwell Prediction Limits Two-Step	1304
Figure I. Appendix III Interwell Prediction Limits Two-Step	1314
Figure J. Appendix I Interwell Prediction Limits	1331
Figure K. Appendix I & III Trend Tests	1352
Figure L. Apprendix I Intrawell Prediction Limits - Resample	1369
Figure M. Appendix III Intrawell Prediction Limits - Resample	1376
Figure N. Appendix I Interwell Prediction Limits Two-Step - Resample	1396
Figure O. Appendix III Interwell Prediction Limits Two-Step - Resample	1403

Summary Tables

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100% Non-Detects: Appendix I - Intrawell

Analysis Run 4/16/2025 2:14 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Antimony (mg/L)
GWA-15, GWA-17, GWC-1, GWC-5, GWC-6, GWC-8A, GWC-9, GWC-10, GWC-11, GWC-14, GWC-20

Beryllium (mg/L)
GWA-15, GWA-16, GWC-1, GWC-2, GWC-9, GWC-10, GWC-11, GWC-12, GWC-13, GWC-14, GWC-18, GWC-19, GWC-20

Cadmium (mg/L)
GWA-15, GWA-16, GWC-1, GWC-3, GWC-4, GWC-5, GWC-6, GWC-7, GWC-9, GWC-10, GWC-12, GWC-13, GWC-14, GWC-18, GWC-19, GWC-20

Cobalt (mg/L)
GWC-13, GWC-14

Copper (mg/L)
GWA-15, GWC-5, GWC-12, GWC-19

Lead (mg/L)
GWA-15, GWC-12

Nickel (mg/L)
GWC-14

Selenium (mg/L)
GWC-13, GWC-20

Thallium (mg/L)
GWC-3, GWC-10, GWC-11, GWC-12, GWC-13, GWC-14, GWC-18, GWC-20

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Date Ranges

Date: 4/18/2025 11:53 AM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

Barium (mg/L)
- GWC-4 background:5/11/2010-9/10/2020
- GWC-10 background:5/10/2010-8/6/2024
- GWC-13 background:5/9/2010-8/6/2024
- GWC-19 background:5/11/2010-10/2/2018

Boron (mg/L)
- GWC-5 background:3/27/2019-8/6/2024

Calcium (mg/L)
- GWC-4 background:4/12/2016-8/25/2022
- GWC-5 background:9/11/2019-8/6/2024
- GWC-8A background:4/19/2016-10/4/2018
- GWC-19 background:4/11/2016-9/9/2020

Chloride (mg/L)
- GWC-4 background:4/12/2016-8/25/2022
- GWC-5 background:10/3/2018-8/6/2024

Lead (mg/L)
- background:4/6/2016-11/7/2024

Selenium (mg/L)
- GWC-5 background:9/11/2019-8/6/2024

Sulfate (mg/L)
- GWC-3 background:4/12/2016-8/25/2022
- GWC-4 background:4/12/2016-9/10/2020
- GWC-5 background:9/11/2019-8/6/2024
- GWC-9 background:4/13/2016-8/25/2022
- GWC-10 background:4/13/2016-8/6/2024

TDS (mg/L)
- GWC-4 background:4/12/2016-8/25/2022
- GWC-5 background:9/11/2019-8/6/2024

Vanadium (mg/L)
- GWC-8A background:4/7/2017-8/6/2024

Welch's t-test/Mann-Whitney - Significant Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 6/18/2025, 4:11 PM

Constituent	Well	Calc.	0.01	Alpha	Sig.	Method
Barium (mg/L)	GWC-4	4.387	Yes	0.01	Yes	Mann-W
Barium (mg/L)	GWC-10	4.766	Yes	0.01	Yes	Mann-W
Barium (mg/L)	GWC-12	2.996	Yes	0.01	Yes	Mann-W
Barium (mg/L)	GWC-13	4.265	Yes	0.01	Yes	Mann-W
Barium (mg/L)	GWC-14	3.016	Yes	0.01	Yes	Mann-W
Barium (mg/L)	GWC-19	4.689	Yes	0.01	Yes	Mann-W
Barium (mg/L)	GWC-20	2.816	Yes	0.01	Yes	Mann-W
Boron (mg/L)	GWC-5	-2.593	Yes	0.01	Yes	Mann-W
Calcium (mg/L)	GWA-16 (bg)	2.765	Yes	0.01	Yes	Mann-W
Calcium (mg/L)	GWA-17 (bg)	2.884	Yes	0.01	Yes	Mann-W
Calcium (mg/L)	GWC-4	3.378	Yes	0.01	Yes	Mann-W
Calcium (mg/L)	GWC-5	-2.915	Yes	0.01	Yes	Mann-W
Calcium (mg/L)	GWC-7	3.068	Yes	0.01	Yes	Mann-W
Calcium (mg/L)	GWC-8A	3.917	Yes	0.01	Yes	Mann-W
Calcium (mg/L)	GWC-9	2.943	Yes	0.01	Yes	Mann-W
Calcium (mg/L)	GWC-14	2.886	Yes	0.01	Yes	Mann-W
Calcium (mg/L)	GWC-19	4.093	Yes	0.01	Yes	Mann-W
Calcium (mg/L)	GWC-20	3.108	Yes	0.01	Yes	Mann-W
Chloride (mg/L)	GWC-4	3.599	Yes	0.01	Yes	Mann-W
Chloride (mg/L)	GWC-5	-2.704	Yes	0.01	Yes	Mann-W
Chloride (mg/L)	GWC-7	3.073	Yes	0.01	Yes	Mann-W
Chloride (mg/L)	GWC-14	2.731	Yes	0.01	Yes	Mann-W
Chloride (mg/L)	GWC-19	2.79	Yes	0.01	Yes	Mann-W
Chloride (mg/L)	GWC-20	2.916	Yes	0.01	Yes	Mann-W
Chromium (mg/L)	GWA-16 (bg)	2.962	Yes	0.01	Yes	Mann-W
Chromium (mg/L)	GWC-19	3.013	Yes	0.01	Yes	Mann-W
Nickel (mg/L)	GWC-3	-2.964	Yes	0.01	Yes	Mann-W
Nickel (mg/L)	GWC-6	-2.811	Yes	0.01	Yes	Mann-W
Nickel (mg/L)	GWC-8A	2.758	Yes	0.01	Yes	Mann-W
Nickel (mg/L)	GWC-9	-3.053	Yes	0.01	Yes	Mann-W
Nickel (mg/L)	GWC-13	-2.717	Yes	0.01	Yes	Mann-W
pH, Field (SU)	GWA-17 (bg)	2.594	Yes	0.01	Yes	Mann-W
Selenium (mg/L)	GWC-4	-3.9	Yes	0.01	Yes	Mann-W
Selenium (mg/L)	GWC-5	-2.802	Yes	0.01	Yes	Mann-W
Sulfate (mg/L)	GWC-3	3.327	Yes	0.01	Yes	Mann-W
Sulfate (mg/L)	GWC-4	3.749	Yes	0.01	Yes	Mann-W
Sulfate (mg/L)	GWC-5	-2.87	Yes	0.01	Yes	Mann-W
Sulfate (mg/L)	GWC-7	2.987	Yes	0.01	Yes	Mann-W
Sulfate (mg/L)	GWC-9	2.776	Yes	0.01	Yes	Mann-W
Sulfate (mg/L)	GWC-10	4.242	Yes	0.01	Yes	Mann-W
TDS (mg/L)	GWC-4	3.361	Yes	0.01	Yes	Mann-W
TDS (mg/L)	GWC-5	-2.902	Yes	0.01	Yes	Mann-W
Vanadium (mg/L)	GWC-4	-2.994	Yes	0.01	Yes	Mann-W

Welch's t-test/Mann-Whitney - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 6/18/2025, 4:11 PM

Constituent	Well	Calc.	0.01	Alpha	Sig.	Method
Antimony (mg/L)	GWA-16 (bg)	0.2611	No	0.01	No	Mann-W
Antimony (mg/L)	GWC-2	0.4368	No	0.01	No	Mann-W
Antimony (mg/L)	GWC-3	-1.809	No	0.01	No	Mann-W
Antimony (mg/L)	GWC-4	0.2611	No	0.01	No	Mann-W
Antimony (mg/L)	GWC-7	0.2611	No	0.01	No	Mann-W
Antimony (mg/L)	GWC-12	0.2611	No	0.01	No	Mann-W
Antimony (mg/L)	GWC-13	0.2611	No	0.01	No	Mann-W
Antimony (mg/L)	GWC-18	0.4368	No	0.01	No	Mann-W
Antimony (mg/L)	GWC-19	0.2611	No	0.01	No	Mann-W
Barium (mg/L)	GWA-15 (bg)	0.7705	No	0.01	No	Mann-W
Barium (mg/L)	GWA-16 (bg)	1.779	No	0.01	No	Mann-W
Barium (mg/L)	GWA-17 (bg)	-0.6634	No	0.01	No	Mann-W
Barium (mg/L)	GWC-1	1.623	No	0.01	No	Mann-W
Barium (mg/L)	GWC-2	1.395	No	0.01	No	Mann-W
Barium (mg/L)	GWC-3	-0.3653	No	0.01	No	Mann-W
Barium (mg/L)	**GWC-4**	**4.387**	**Yes**	**0.01**	**Yes**	**Mann-W**
Barium (mg/L)	GWC-5	0	No	0.01	No	Mann-W
Barium (mg/L)	GWC-6	-1.251	No	0.01	No	Mann-W
Barium (mg/L)	GWC-7	2.259	No	0.01	No	Mann-W
Barium (mg/L)	GWC-8A	0.5383	No	0.01	No	Mann-W
Barium (mg/L)	GWC-9	1.842	No	0.01	No	Mann-W
Barium (mg/L)	**GWC-10**	**4.766**	**Yes**	**0.01**	**Yes**	**Mann-W**
Barium (mg/L)	GWC-11	2.542	No	0.01	No	Mann-W
Barium (mg/L)	**GWC-12**	**2.996**	**Yes**	**0.01**	**Yes**	**Mann-W**
Barium (mg/L)	**GWC-13**	**4.265**	**Yes**	**0.01**	**Yes**	**Mann-W**
Barium (mg/L)	**GWC-14**	**3.016**	**Yes**	**0.01**	**Yes**	**Mann-W**
Barium (mg/L)	GWC-18	1.359	No	0.01	No	Mann-W
Barium (mg/L)	**GWC-19**	**4.689**	**Yes**	**0.01**	**Yes**	**Mann-W**
Barium (mg/L)	**GWC-20**	**2.816**	**Yes**	**0.01**	**Yes**	**Mann-W**
Beryllium (mg/L)	GWA-17 (bg)	0.2611	No	0.01	No	Mann-W
Beryllium (mg/L)	GWC-3	0.2611	No	0.01	No	Mann-W
Beryllium (mg/L)	GWC-4	0.2611	No	0.01	No	Mann-W
Beryllium (mg/L)	GWC-5	0.2611	No	0.01	No	Mann-W
Beryllium (mg/L)	GWC-6	0.2611	No	0.01	No	Mann-W
Beryllium (mg/L)	GWC-7	0.2611	No	0.01	No	Mann-W
Beryllium (mg/L)	GWC-8A	0.2611	No	0.01	No	Mann-W
Boron (mg/L)	GWA-15 (bg)	-1.244	No	0.01	No	Mann-W
Boron (mg/L)	GWA-17 (bg)	0.3441	No	0.01	No	Mann-W
Boron (mg/L)	GWC-1	0.5805	No	0.01	No	Mann-W
Boron (mg/L)	GWC-2	-1.244	No	0.01	No	Mann-W
Boron (mg/L)	GWC-3	0.5805	No	0.01	No	Mann-W
Boron (mg/L)	GWC-4	0.2473	No	0.01	No	Mann-W
Boron (mg/L)	**GWC-5**	**-2.593**	**Yes**	**0.01**	**Yes**	**Mann-W**
Boron (mg/L)	GWC-6	1.608	No	0.01	No	Mann-W
Boron (mg/L)	GWC-7	0.5805	No	0.01	No	Mann-W
Boron (mg/L)	GWC-8A	-1.017	No	0.01	No	Mann-W
Boron (mg/L)	GWC-9	0.2437	No	0.01	No	Mann-W
Boron (mg/L)	GWC-10	-0.3369	No	0.01	No	Mann-W
Boron (mg/L)	GWC-11	0.3441	No	0.01	No	Mann-W
Boron (mg/L)	GWC-12	-1.244	No	0.01	No	Mann-W
Boron (mg/L)	GWC-13	0.5805	No	0.01	No	Mann-W
Boron (mg/L)	GWC-14	0.3441	No	0.01	No	Mann-W
Boron (mg/L)	GWC-18	0.3441	No	0.01	No	Mann-W
Boron (mg/L)	GWC-19	0.3441	No	0.01	No	Mann-W
Boron (mg/L)	GWC-20	-1.28	No	0.01	No	Mann-W
Cadmium (mg/L)	GWA-17 (bg)	0.2611	No	0.01	No	Mann-W
Cadmium (mg/L)	GWC-2	0.2611	No	0.01	No	Mann-W
Cadmium (mg/L)	GWC-8A	1.053	No	0.01	No	Mann-W
Cadmium (mg/L)	GWC-11	0.2611	No	0.01	No	Mann-W
Calcium (mg/L)	GWA-15 (bg)	0.2453	No	0.01	No	Mann-W

Welch's t-test/Mann-Whitney - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 6/18/2025, 4:11 PM

Constituent	Well	Calc.	0.01	Alpha	Sig.	Method
Calcium (mg/L)	**GWA-16 (bg)**	**2.765**	**Yes**	**0.01**	**Yes**	**Mann-W**
Calcium (mg/L)	**GWA-17 (bg)**	**2.884**	**Yes**	**0.01**	**Yes**	**Mann-W**
Calcium (mg/L)	GWC-1	1.827	No	0.01	No	Mann-W
Calcium (mg/L)	GWC-2	2.056	No	0.01	No	Mann-W
Calcium (mg/L)	GWC-3	0.203	No	0.01	No	Mann-W
Calcium (mg/L)	**GWC-4**	**3.378**	**Yes**	**0.01**	**Yes**	**Mann-W**
Calcium (mg/L)	**GWC-5**	**-2.915**	**Yes**	**0.01**	**Yes**	**Mann-W**
Calcium (mg/L)	GWC-6	-1.162	No	0.01	No	Mann-W
Calcium (mg/L)	**GWC-7**	**3.068**	**Yes**	**0.01**	**Yes**	**Mann-W**
Calcium (mg/L)	**GWC-8A**	**3.917**	**Yes**	**0.01**	**Yes**	**Mann-W**
Calcium (mg/L)	**GWC-9**	**2.943**	**Yes**	**0.01**	**Yes**	**Mann-W**
Calcium (mg/L)	GWC-10	2.013	No	0.01	No	Mann-W
Calcium (mg/L)	GWC-11	2.028	No	0.01	No	Mann-W
Calcium (mg/L)	GWC-12	1.359	No	0.01	No	Mann-W
Calcium (mg/L)	GWC-13	2.564	No	0.01	No	Mann-W
Calcium (mg/L)	**GWC-14**	**2.886**	**Yes**	**0.01**	**Yes**	**Mann-W**
Calcium (mg/L)	GWC-18	1.833	No	0.01	No	Mann-W
Calcium (mg/L)	**GWC-19**	**4.093**	**Yes**	**0.01**	**Yes**	**Mann-W**
Calcium (mg/L)	**GWC-20**	**3.108**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chloride (mg/L)	GWA-15 (bg)	1.305	No	0.01	No	Mann-W
Chloride (mg/L)	GWA-16 (bg)	0.1264	No	0.01	No	Mann-W
Chloride (mg/L)	GWA-17 (bg)	-1.825	No	0.01	No	Mann-W
Chloride (mg/L)	GWC-1	-1.102	No	0.01	No	Mann-W
Chloride (mg/L)	GWC-2	0.8641	No	0.01	No	Mann-W
Chloride (mg/L)	GWC-3	-1.143	No	0.01	No	Mann-W
Chloride (mg/L)	**GWC-4**	**3.599**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chloride (mg/L)	**GWC-5**	**-2.704**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chloride (mg/L)	GWC-6	-0.7711	No	0.01	No	Mann-W
Chloride (mg/L)	**GWC-7**	**3.073**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chloride (mg/L)	GWC-8A	0.7721	No	0.01	No	Mann-W
Chloride (mg/L)	GWC-9	2.566	No	0.01	No	Mann-W
Chloride (mg/L)	GWC-10	2.321	No	0.01	No	Mann-W
Chloride (mg/L)	GWC-11	1.001	No	0.01	No	Mann-W
Chloride (mg/L)	GWC-12	2.024	No	0.01	No	Mann-W
Chloride (mg/L)	GWC-13	-0.3784	No	0.01	No	Mann-W
Chloride (mg/L)	**GWC-14**	**2.731**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chloride (mg/L)	GWC-18	2.009	No	0.01	No	Mann-W
Chloride (mg/L)	**GWC-19**	**2.79**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chloride (mg/L)	**GWC-20**	**2.916**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chromium (mg/L)	GWA-15 (bg)	-0.2583	No	0.01	No	Mann-W
Chromium (mg/L)	**GWA-16 (bg)**	**2.962**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chromium (mg/L)	GWA-17 (bg)	2.472	No	0.01	No	Mann-W
Chromium (mg/L)	GWC-1	2.369	No	0.01	No	Mann-W
Chromium (mg/L)	GWC-2	2.505	No	0.01	No	Mann-W
Chromium (mg/L)	GWC-3	2.495	No	0.01	No	Mann-W
Chromium (mg/L)	GWC-4	-2.521	No	0.01	No	Mann-W
Chromium (mg/L)	GWC-5	2.496	No	0.01	No	Mann-W
Chromium (mg/L)	GWC-6	0.4652	No	0.01	No	Mann-W
Chromium (mg/L)	GWC-7	1.969	No	0.01	No	Mann-W
Chromium (mg/L)	GWC-8A	-2.231	No	0.01	No	Mann-W
Chromium (mg/L)	GWC-9	1.811	No	0.01	No	Mann-W
Chromium (mg/L)	GWC-10	2.432	No	0.01	No	Mann-W
Chromium (mg/L)	GWC-11	0.441	No	0.01	No	Mann-W
Chromium (mg/L)	GWC-12	0.5036	No	0.01	No	Mann-W
Chromium (mg/L)	GWC-13	1.512	No	0.01	No	Mann-W
Chromium (mg/L)	GWC-14	-0.2057	No	0.01	No	Mann-W
Chromium (mg/L)	GWC-18	-1.737	No	0.01	No	Mann-W
Chromium (mg/L)	**GWC-19**	**3.013**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chromium (mg/L)	GWC-20	0.5387	No	0.01	No	Mann-W
Cobalt (mg/L)	GWA-15 (bg)	0.8363	No	0.01	No	Mann-W

Welch's t-test/Mann-Whitney - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 6/18/2025, 4:11 PM

Constituent	Well	Calc.	0.01	Alpha	Sig.	Method
Cobalt (mg/L)	GWA-16 (bg)	0.6918	No	0.01	No	Mann-W
Cobalt (mg/L)	GWA-17 (bg)	0.5682	No	0.01	No	Mann-W
Cobalt (mg/L)	GWC-1	0.5682	No	0.01	No	Mann-W
Cobalt (mg/L)	GWC-2	0.5682	No	0.01	No	Mann-W
Cobalt (mg/L)	GWC-3	0	No	0.01	No	Mann-W
Cobalt (mg/L)	GWC-4	0.8763	No	0.01	No	Mann-W
Cobalt (mg/L)	GWC-5	0.2611	No	0.01	No	Mann-W
Cobalt (mg/L)	GWC-6	0.5682	No	0.01	No	Mann-W
Cobalt (mg/L)	GWC-7	0.7818	No	0.01	No	Mann-W
Cobalt (mg/L)	GWC-8A	1.843	No	0.01	No	Mann-W
Cobalt (mg/L)	GWC-9	0.7818	No	0.01	No	Mann-W
Cobalt (mg/L)	GWC-10	-0.4287	No	0.01	No	Mann-W
Cobalt (mg/L)	GWC-11	0.2611	No	0.01	No	Mann-W
Cobalt (mg/L)	GWC-12	-1.982	No	0.01	No	Mann-W
Cobalt (mg/L)	GWC-18	0.7952	No	0.01	No	Mann-W
Cobalt (mg/L)	GWC-19	0.5682	No	0.01	No	Mann-W
Cobalt (mg/L)	GWC-20	0.7818	No	0.01	No	Mann-W
Copper (mg/L)	GWA-16 (bg)	0.4752	No	0.01	No	Mann-W
Copper (mg/L)	GWA-17 (bg)	0.2835	No	0.01	No	Mann-W
Copper (mg/L)	GWC-1	0.4752	No	0.01	No	Mann-W
Copper (mg/L)	GWC-2	0.6196	No	0.01	No	Mann-W
Copper (mg/L)	GWC-3	0.4042	No	0.01	No	Mann-W
Copper (mg/L)	GWC-4	-0.5342	No	0.01	No	Mann-W
Copper (mg/L)	GWC-6	-0.4462	No	0.01	No	Mann-W
Copper (mg/L)	GWC-7	-0.5231	No	0.01	No	Mann-W
Copper (mg/L)	GWC-8A	-1.935	No	0.01	No	Mann-W
Copper (mg/L)	GWC-9	-1.586	No	0.01	No	Mann-W
Copper (mg/L)	GWC-10	-0.4642	No	0.01	No	Mann-W
Copper (mg/L)	GWC-11	-0.06788	No	0.01	No	Mann-W
Copper (mg/L)	GWC-13	-0.4725	No	0.01	No	Mann-W
Copper (mg/L)	GWC-14	-0.4725	No	0.01	No	Mann-W
Copper (mg/L)	GWC-18	-1.127	No	0.01	No	Mann-W
Copper (mg/L)	GWC-20	-0.4811	No	0.01	No	Mann-W
Fluoride (mg/L)	GWA-15 (bg)	0.3372	No	0.01	No	Mann-W
Fluoride (mg/L)	GWA-16 (bg)	0.7444	No	0.01	No	Mann-W
Fluoride (mg/L)	GWA-17 (bg)	0.4816	No	0.01	No	Mann-W
Fluoride (mg/L)	GWC-1	0.07464	No	0.01	No	Mann-W
Fluoride (mg/L)	GWC-2	1.548	No	0.01	No	Mann-W
Fluoride (mg/L)	GWC-3	1.058	No	0.01	No	Mann-W
Fluoride (mg/L)	GWC-4	-2.082	No	0.01	No	Mann-W
Fluoride (mg/L)	GWC-5	0.621	No	0.01	No	Mann-W
Fluoride (mg/L)	GWC-6	1.677	No	0.01	No	Mann-W
Fluoride (mg/L)	GWC-7	0.7303	No	0.01	No	Mann-W
Fluoride (mg/L)	GWC-8A	-2.152	No	0.01	No	Mann-W
Fluoride (mg/L)	GWC-9	0.7114	No	0.01	No	Mann-W
Fluoride (mg/L)	GWC-10	0.2963	No	0.01	No	Mann-W
Fluoride (mg/L)	GWC-11	0.788	No	0.01	No	Mann-W
Fluoride (mg/L)	GWC-12	-0.1991	No	0.01	No	Mann-W
Fluoride (mg/L)	GWC-13	0.8519	No	0.01	No	Mann-W
Fluoride (mg/L)	GWC-14	-0.1992	No	0.01	No	Mann-W
Fluoride (mg/L)	GWC-18	0.9407	No	0.01	No	Mann-W
Fluoride (mg/L)	GWC-19	0.9404	No	0.01	No	Mann-W
Fluoride (mg/L)	GWC-20	0.9676	No	0.01	No	Mann-W
Lead (mg/L)	GWA-16 (bg)	0.3441	No	0.01	No	Mann-W
Lead (mg/L)	GWA-17 (bg)	0.3441	No	0.01	No	Mann-W
Lead (mg/L)	GWC-1	-0.8311	No	0.01	No	Mann-W
Lead (mg/L)	GWC-2	0.3441	No	0.01	No	Mann-W
Lead (mg/L)	GWC-3	0.5805	No	0.01	No	Mann-W
Lead (mg/L)	GWC-4	0.3441	No	0.01	No	Mann-W
Lead (mg/L)	GWC-7	0.5805	No	0.01	No	Mann-W

Welch's t-test/Mann-Whitney - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 6/18/2025, 4:11 PM

Constituent	Well	Calc.	0.01	Alpha	Sig.	Method
Lead (mg/L)	GWC-8A	-1.043	No	0.01	No	Mann-W
Lead (mg/L)	GWC-10	0.3354	No	0.01	No	Mann-W
Lead (mg/L)	GWC-11	1.108	No	0.01	No	Mann-W
Lead (mg/L)	GWC-13	0.3441	No	0.01	No	Mann-W
Lead (mg/L)	GWC-19	0.2078	No	0.01	No	Mann-W
Mercury (mg/L)	GWA-15 (bg)	0.6804	No	0.01	No	Mann-W
Mercury (mg/L)	GWA-16 (bg)	0.6804	No	0.01	No	Mann-W
Mercury (mg/L)	GWA-17 (bg)	0.8764	No	0.01	No	Mann-W
Mercury (mg/L)	GWC-1	0.7818	No	0.01	No	Mann-W
Mercury (mg/L)	GWC-2	0.6806	No	0.01	No	Mann-W
Mercury (mg/L)	GWC-3	0.6806	No	0.01	No	Mann-W
Mercury (mg/L)	GWC-4	0.5683	No	0.01	No	Mann-W
Mercury (mg/L)	GWC-5	0.5682	No	0.01	No	Mann-W
Mercury (mg/L)	GWC-6	0.7819	No	0.01	No	Mann-W
Mercury (mg/L)	GWC-7	0.7818	No	0.01	No	Mann-W
Mercury (mg/L)	GWC-8A	0.8764	No	0.01	No	Mann-W
Mercury (mg/L)	GWC-9	0.4368	No	0.01	No	Mann-W
Mercury (mg/L)	GWC-10	0.6804	No	0.01	No	Mann-W
Mercury (mg/L)	GWC-11	0.5682	No	0.01	No	Mann-W
Mercury (mg/L)	GWC-12	0.2611	No	0.01	No	Mann-W
Mercury (mg/L)	GWC-13	0.7818	No	0.01	No	Mann-W
Mercury (mg/L)	GWC-14	0.5682	No	0.01	No	Mann-W
Mercury (mg/L)	GWC-18	0.5682	No	0.01	No	Mann-W
Mercury (mg/L)	GWC-19	0.4526	No	0.01	No	Mann-W
Mercury (mg/L)	GWC-20	0.8763	No	0.01	No	Mann-W
Nickel (mg/L)	GWA-15 (bg)	-1.648	No	0.01	No	Mann-W
Nickel (mg/L)	GWA-16 (bg)	0.2887	No	0.01	No	Mann-W
Nickel (mg/L)	GWA-17 (bg)	0.347	No	0.01	No	Mann-W
Nickel (mg/L)	GWC-1	-1.253	No	0.01	No	Mann-W
Nickel (mg/L)	GWC-2	-0.3378	No	0.01	No	Mann-W
Nickel (mg/L)	**GWC-3**	**-2.964**	**Yes**	**0.01**	**Yes**	**Mann-W**
Nickel (mg/L)	GWC-4	-2.307	No	0.01	No	Mann-W
Nickel (mg/L)	GWC-5	-1.309	No	0.01	No	Mann-W
Nickel (mg/L)	**GWC-6**	**-2.811**	**Yes**	**0.01**	**Yes**	**Mann-W**
Nickel (mg/L)	GWC-7	0.1352	No	0.01	No	Mann-W
Nickel (mg/L)	**GWC-8A**	**2.758**	**Yes**	**0.01**	**Yes**	**Mann-W**
Nickel (mg/L)	**GWC-9**	**-3.053**	**Yes**	**0.01**	**Yes**	**Mann-W**
Nickel (mg/L)	GWC-10	2.195	No	0.01	No	Mann-W
Nickel (mg/L)	GWC-11	-2.32	No	0.01	No	Mann-W
Nickel (mg/L)	GWC-12	-2.119	No	0.01	No	Mann-W
Nickel (mg/L)	**GWC-13**	**-2.717**	**Yes**	**0.01**	**Yes**	**Mann-W**
Nickel (mg/L)	GWC-18	0.6316	No	0.01	No	Mann-W
Nickel (mg/L)	GWC-19	-1.433	No	0.01	No	Mann-W
Nickel (mg/L)	GWC-20	-1.137	No	0.01	No	Mann-W
pH, Field (SU)	GWA-15 (bg)	-0.9291	No	0.01	No	Mann-W
pH, Field (SU)	GWA-16 (bg)	0.2693	No	0.01	No	Mann-W
pH, Field (SU)	**GWA-17 (bg)**	**2.594**	**Yes**	**0.01**	**Yes**	**Mann-W**
pH, Field (SU)	GWC-1	2.231	No	0.01	No	Mann-W
pH, Field (SU)	GWC-2	1.045	No	0.01	No	Mann-W
pH, Field (SU)	GWC-3	1.411	No	0.01	No	Mann-W
pH, Field (SU)	GWC-4	-2.354	No	0.01	No	Mann-W
pH, Field (SU)	GWC-5	2.142	No	0.01	No	Mann-W
pH, Field (SU)	GWC-6	1.29	No	0.01	No	Mann-W
pH, Field (SU)	GWC-7	1.593	No	0.01	No	Mann-W
pH, Field (SU)	GWC-8A	-1.525	No	0.01	No	Mann-W
pH, Field (SU)	GWC-9	0.1472	No	0.01	No	Mann-W
pH, Field (SU)	GWC-10	-0.4499	No	0.01	No	Mann-W
pH, Field (SU)	GWC-11	1.151	No	0.01	No	Mann-W
pH, Field (SU)	GWC-12	1.001	No	0.01	No	Mann-W
pH, Field (SU)	GWC-13	2.073	No	0.01	No	Mann-W

Welch's t-test/Mann-Whitney - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 6/18/2025, 4:11 PM

Constituent	Well	Calc.	0.01	Alpha	Sig.	Method
pH, Field (SU)	GWC-14	-0.562	No	0.01	No	Mann-W
pH, Field (SU)	GWC-18	1.191	No	0.01	No	Mann-W
pH, Field (SU)	GWC-19	-1.763	No	0.01	No	Mann-W
pH, Field (SU)	GWC-20	0.4987	No	0.01	No	Mann-W
Selenium (mg/L)	GWA-15 (bg)	0.2611	No	0.01	No	Mann-W
Selenium (mg/L)	GWA-16 (bg)	0.5682	No	0.01	No	Mann-W
Selenium (mg/L)	GWA-17 (bg)	0.4368	No	0.01	No	Mann-W
Selenium (mg/L)	GWC-1	0.155	No	0.01	No	Mann-W
Selenium (mg/L)	GWC-2	-0.5715	No	0.01	No	Mann-W
Selenium (mg/L)	GWC-3	0.2611	No	0.01	No	Mann-W
Selenium (mg/L)	**GWC-4**	**-3.9**	**Yes**	**0.01**	**Yes**	**Mann-W**
Selenium (mg/L)	**GWC-5**	**-2.802**	**Yes**	**0.01**	**Yes**	**Mann-W**
Selenium (mg/L)	GWC-6	0.781	No	0.01	No	Mann-W
Selenium (mg/L)	GWC-7	-0.06239	No	0.01	No	Mann-W
Selenium (mg/L)	GWC-8A	0.6804	No	0.01	No	Mann-W
Selenium (mg/L)	GWC-9	-0.06239	No	0.01	No	Mann-W
Selenium (mg/L)	GWC-10	0.4368	No	0.01	No	Mann-W
Selenium (mg/L)	GWC-11	0.155	No	0.01	No	Mann-W
Selenium (mg/L)	GWC-12	0.2611	No	0.01	No	Mann-W
Selenium (mg/L)	GWC-14	-0.06239	No	0.01	No	Mann-W
Selenium (mg/L)	GWC-18	0.2611	No	0.01	No	Mann-W
Selenium (mg/L)	GWC-19	0.2611	No	0.01	No	Mann-W
Sulfate (mg/L)	GWA-15 (bg)	2.057	No	0.01	No	Mann-W
Sulfate (mg/L)	GWA-16 (bg)	0.3068	No	0.01	No	Mann-W
Sulfate (mg/L)	GWA-17 (bg)	1.685	No	0.01	No	Mann-W
Sulfate (mg/L)	GWC-1	0.08365	No	0.01	No	Mann-W
Sulfate (mg/L)	GWC-2	-0.04234	No	0.01	No	Mann-W
Sulfate (mg/L)	**GWC-3**	**3.327**	**Yes**	**0.01**	**Yes**	**Mann-W**
Sulfate (mg/L)	**GWC-4**	**3.749**	**Yes**	**0.01**	**Yes**	**Mann-W**
Sulfate (mg/L)	**GWC-5**	**-2.87**	**Yes**	**0.01**	**Yes**	**Mann-W**
Sulfate (mg/L)	GWC-6	1.578	No	0.01	No	Mann-W
Sulfate (mg/L)	**GWC-7**	**2.987**	**Yes**	**0.01**	**Yes**	**Mann-W**
Sulfate (mg/L)	GWC-8A	-2.192	No	0.01	No	Mann-W
Sulfate (mg/L)	**GWC-9**	**2.776**	**Yes**	**0.01**	**Yes**	**Mann-W**
Sulfate (mg/L)	**GWC-10**	**4.242**	**Yes**	**0.01**	**Yes**	**Mann-W**
Sulfate (mg/L)	GWC-11	-0.6926	No	0.01	No	Mann-W
Sulfate (mg/L)	GWC-12	1.312	No	0.01	No	Mann-W
Sulfate (mg/L)	GWC-13	2.099	No	0.01	No	Mann-W
Sulfate (mg/L)	GWC-14	1.685	No	0.01	No	Mann-W
Sulfate (mg/L)	GWC-18	2.362	No	0.01	No	Mann-W
Sulfate (mg/L)	GWC-19	0.843	No	0.01	No	Mann-W
Sulfate (mg/L)	GWC-20	0.2625	No	0.01	No	Mann-W
TDS (mg/L)	GWA-15 (bg)	1.097	No	0.01	No	Mann-W
TDS (mg/L)	GWA-16 (bg)	1.155	No	0.01	No	Mann-W
TDS (mg/L)	GWA-17 (bg)	1.624	No	0.01	No	Mann-W
TDS (mg/L)	GWC-1	1.856	No	0.01	No	Mann-W
TDS (mg/L)	GWC-2	0.9921	No	0.01	No	Mann-W
TDS (mg/L)	GWC-3	1.3	No	0.01	No	Mann-W
TDS (mg/L)	**GWC-4**	**3.361**	**Yes**	**0.01**	**Yes**	**Mann-W**
TDS (mg/L)	**GWC-5**	**-2.902**	**Yes**	**0.01**	**Yes**	**Mann-W**
TDS (mg/L)	GWC-6	-0.1237	No	0.01	No	Mann-W
TDS (mg/L)	GWC-7	1.523	No	0.01	No	Mann-W
TDS (mg/L)	GWC-8A	1.237	No	0.01	No	Mann-W
TDS (mg/L)	GWC-9	1.799	No	0.01	No	Mann-W
TDS (mg/L)	GWC-10	1.168	No	0.01	No	Mann-W
TDS (mg/L)	GWC-11	0.9856	No	0.01	No	Mann-W
TDS (mg/L)	GWC-12	1.914	No	0.01	No	Mann-W
TDS (mg/L)	GWC-13	1.748	No	0.01	No	Mann-W
TDS (mg/L)	GWC-14	1.218	No	0.01	No	Mann-W
TDS (mg/L)	GWC-18	1.868	No	0.01	No	Mann-W

Welch's t-test/Mann-Whitney - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 6/18/2025, 4:11 PM

Constituent	Well	Calc.	0.01	Alpha	Sig.	Method
TDS (mg/L)	GWC-19	2.427	No	0.01	No	Mann-W
TDS (mg/L)	GWC-20	2.086	No	0.01	No	Mann-W
Thallium (mg/L)	GWA-15 (bg)	0.2611	No	0.01	No	Mann-W
Thallium (mg/L)	GWA-16 (bg)	0.4368	No	0.01	No	Mann-W
Thallium (mg/L)	GWA-17 (bg)	0.2611	No	0.01	No	Mann-W
Thallium (mg/L)	GWC-1	0.4368	No	0.01	No	Mann-W
Thallium (mg/L)	GWC-2	0.2611	No	0.01	No	Mann-W
Thallium (mg/L)	GWC-4	0.2611	No	0.01	No	Mann-W
Thallium (mg/L)	GWC-5	0.2611	No	0.01	No	Mann-W
Thallium (mg/L)	GWC-6	0.4368	No	0.01	No	Mann-W
Thallium (mg/L)	GWC-7	0.6804	No	0.01	No	Mann-W
Thallium (mg/L)	GWC-8A	0.4368	No	0.01	No	Mann-W
Thallium (mg/L)	GWC-9	0.2611	No	0.01	No	Mann-W
Thallium (mg/L)	GWC-19	0.2611	No	0.01	No	Mann-W
Vanadium (mg/L)	GWA-15 (bg)	-2.442	No	0.01	No	Mann-W
Vanadium (mg/L)	GWA-16 (bg)	2.394	No	0.01	No	Mann-W
Vanadium (mg/L)	GWA-17 (bg)	1.57	No	0.01	No	Mann-W
Vanadium (mg/L)	GWC-1	1.749	No	0.01	No	Mann-W
Vanadium (mg/L)	GWC-2	1.851	No	0.01	No	Mann-W
Vanadium (mg/L)	GWC-3	-1.15	No	0.01	No	Mann-W
Vanadium (mg/L)	**GWC-4**	**-2.994**	**Yes**	**0.01**	**Yes**	**Mann-W**
Vanadium (mg/L)	GWC-5	-0.916	No	0.01	No	Mann-W
Vanadium (mg/L)	GWC-6	0.9713	No	0.01	No	Mann-W
Vanadium (mg/L)	GWC-7	-0.1465	No	0.01	No	Mann-W
Vanadium (mg/L)	GWC-8A	-2.478	No	0.01	No	Mann-W
Vanadium (mg/L)	GWC-9	0.7712	No	0.01	No	Mann-W
Vanadium (mg/L)	GWC-10	0.02805	No	0.01	No	Mann-W
Vanadium (mg/L)	GWC-11	0.08601	No	0.01	No	Mann-W
Vanadium (mg/L)	GWC-12	-1.848	No	0.01	No	Mann-W
Vanadium (mg/L)	GWC-13	-0.9116	No	0.01	No	Mann-W
Vanadium (mg/L)	GWC-14	-1.699	No	0.01	No	Mann-W
Vanadium (mg/L)	GWC-18	0.5998	No	0.01	No	Mann-W
Vanadium (mg/L)	GWC-19	0.9124	No	0.01	No	Mann-W
Vanadium (mg/L)	GWC-20	0.578	No	0.01	No	Mann-W
Zinc (mg/L)	GWA-15 (bg)	-0.4725	No	0.01	No	Mann-W
Zinc (mg/L)	GWA-16 (bg)	-1.765	No	0.01	No	Mann-W
Zinc (mg/L)	GWA-17 (bg)	-0.2816	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-1	-1.07	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-2	-1.521	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-3	-1.555	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-4	-0.06788	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-5	-0.3447	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-6	-0.4725	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-7	-0.06788	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-8A	-1.124	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-9	0.2835	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-10	-0.06667	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-11	-1.8	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-12	-1.088	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-13	-1.832	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-14	1.881	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-18	-2.172	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-19	-0.4811	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-20	-0.611	No	0.01	No	Mann-W

Upgradient Wells Trend Tests - All Results (No Significant)

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 4/16/2025, 11:56 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
Arsenic (mg/L)	GWA-15 (bg)	0	-17	-206	No	38	94.74	n/a	0.01	NP
Arsenic (mg/L)	GWA-16 (bg)	0	-15	-206	No	38	97.37	n/a	0.01	NP
Arsenic (mg/L)	GWA-17 (bg)	0	-15	-206	No	38	97.37	n/a	0.01	NP
Silver (mg/L)	GWA-15 (bg)	0	0	167	No	33	100	n/a	0.01	NP
Silver (mg/L)	GWA-16 (bg)	0	0	167	No	33	100	n/a	0.01	NP
Silver (mg/L)	GWA-17 (bg)	0	0	167	No	33	100	n/a	0.01	NP

Appendix I Intrawell Prediction Limits - Significant Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 6/18/2025, 4:27 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Barium (mg/L)	**GWA-15**	**0.012**	**n/a**	**2/25/2025**	**0.013**	**Yes**	**37**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001361**	**NP Intra (normality) 1 of 2**
Barium (mg/L)	**GWC-4**	**0.05318**	**n/a**	**2/25/2025**	**0.15**	**Yes**	**29**	**0.0383**	**0.005897**	**0**	**None**	**No**	**0.0001937**	**Param Intra 1 of 2**
Barium (mg/L)	**GWC-6**	**0.06535**	**n/a**	**2/24/2025**	**0.07**	**Yes**	**37**	**0.05372**	**0.004755**	**0**	**None**	**No**	**0.0001937**	**Param Intra 1 of 2**
Barium (mg/L)	**GWC-19**	**0.02001**	**n/a**	**2/25/2025**	**0.033**	**Yes**	**25**	**0.0174**	**0.001007**	**0**	**None**	**No**	**0.0001937**	**Param Intra 1 of 2**
Barium (mg/L)	**GWC-20**	**0.03719**	**n/a**	**2/25/2025**	**0.038**	**Yes**	**37**	**0.03092**	**0.002564**	**0**	**None**	**No**	**0.0001937**	**Param Intra 1 of 2**
Chromium (mg/L)	**GWC-7**	**0.02**	**n/a**	**2/24/2025**	**0.024**	**Yes**	**38**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001294**	**NP Intra (normality) 1 of 2**
Selenium (mg/L)	**GWC-4**	**0.005**	**n/a**	**2/25/2025**	**0.0076**	**Yes**	**37**	**n/a**	**n/a**	**81.08**	**n/a**	**n/a**	**0.001361**	**NP Intra (NDs) 1 of 2**
Vanadium (mg/L)	**GWA-17**	**0.008446**	**n/a**	**2/26/2025**	**0.011**	**Yes**	**32**	**0.004701**	**0.001504**	**12.5**	**None**	**No**	**0.0001937**	**Param Intra 1 of 2**

Appendix I Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 6/18/2025, 4:27 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony (mg/L)	GWA-16	0.002	n/a	2/25/2025	0.002ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-2	0.002	n/a	2/25/2025	0.002ND	No	37	n/a	n/a	94.59	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-3	0.002	n/a	2/25/2025	0.002ND	No	37	n/a	n/a	94.59	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-4	0.002	n/a	2/25/2025	0.002ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-7	0.002	n/a	2/24/2025	0.002ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-12	0.002	n/a	2/24/2025	0.002ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-13	0.002	n/a	2/24/2025	0.002ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-18	0.002	n/a	2/25/2025	0.002ND	No	37	n/a	n/a	94.59	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-19	0.002	n/a	2/25/2025	0.002ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Barium (mg/L)	**GWA-15**	**0.012**	**n/a**	**2/25/2025**	**0.013**	**Yes**	**37**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001361**	**NP Intra (normality) 1 of 2**
Barium (mg/L)	GWA-16	0.039	n/a	2/25/2025	0.028	No	37	n/a	n/a	0	n/a	n/a	0.001361	NP Intra (normality) 1 of 2
Barium (mg/L)	GWA-17	0.04875	n/a	2/26/2025	0.027	No	37	-3.429	0.1667	0	None	ln(x)	0.0001937	Param Intra 1 of 2
Barium (mg/L)	GWC-1	0.05681	n/a	2/25/2025	0.047	No	37	0.04696	0.004028	0	None	No	0.0001937	Param Intra 1 of 2
Barium (mg/L)	GWC-2	0.05389	n/a	2/25/2025	0.043	No	37	0.002099	0.0003289	0	None	x^2	0.0001937	Param Intra 1 of 2
Barium (mg/L)	GWC-3	0.02471	n/a	2/25/2025	0.021	No	35	0.01677	0.003227	0	None	No	0.0001937	Param Intra 1 of 2
Barium (mg/L)	**GWC-4**	**0.05318**	**n/a**	**2/25/2025**	**0.15**	**Yes**	**29**	**0.0383**	**0.005897**	**0**	**None**	**No**	**0.0001937**	**Param Intra 1 of 2**
Barium (mg/L)	GWC-5	0.1172	n/a	2/25/2025	0.036	No	37	0.3341	0.06345	0	None	x^(1/3)	0.0001937	Param Intra 1 of 2
Barium (mg/L)	**GWC-6**	**0.06535**	**n/a**	**2/24/2025**	**0.07**	**Yes**	**37**	**0.05372**	**0.004755**	**0**	**None**	**No**	**0.0001937**	**Param Intra 1 of 2**
Barium (mg/L)	GWC-7	0.04317	n/a	2/24/2025	0.043	No	37	0.03318	0.004082	0	None	No	0.0001937	Param Intra 1 of 2
Barium (mg/L)	GWC-8A	0.1078	n/a	2/24/2025	0.039	No	37	0.2026	0.05142	0	None	sqrt(x)	0.0001937	Param Intra 1 of 2
Barium (mg/L)	GWC-9	0.03685	n/a	2/24/2025	0.029	No	37	0.02382	0.005327	0	None	No	0.0001937	Param Intra 1 of 2
Barium (mg/L)	GWC-10	0.0407	n/a	2/24/2025	0.035	No	38	0.02835	0.00506	0	None	No	0.0001937	Param Intra 1 of 2
Barium (mg/L)	GWC-11	0.02037	n/a	2/24/2025	0.02	No	37	0.01684	0.001445	0	None	No	0.0001937	Param Intra 1 of 2
Barium (mg/L)	GWC-12	0.02084	n/a	2/24/2025	0.02	No	37	0.01643	0.001804	0	None	No	0.0001937	Param Intra 1 of 2
Barium (mg/L)	GWC-13	0.04946	n/a	2/24/2025	0.041	No	37	0.1802	0.01727	0	None	sqrt(x)	0.0001937	Param Intra 1 of 2
Barium (mg/L)	GWC-14	0.01266	n/a	2/25/2025	0.011	No	35	0.009908	0.001119	0	None	No	0.0001937	Param Intra 1 of 2
Barium (mg/L)	GWC-18	0.04098	n/a	2/25/2025	0.036	No	37	0.03533	0.00231	0	None	No	0.0001937	Param Intra 1 of 2
Barium (mg/L)	**GWC-19**	**0.02001**	**n/a**	**2/25/2025**	**0.033**	**Yes**	**25**	**0.0174**	**0.001007**	**0**	**None**	**No**	**0.0001937**	**Param Intra 1 of 2**
Barium (mg/L)	**GWC-20**	**0.03719**	**n/a**	**2/25/2025**	**0.038**	**Yes**	**37**	**0.03092**	**0.002564**	**0**	**None**	**No**	**0.0001937**	**Param Intra 1 of 2**
Beryllium (mg/L)	GWA-17	0.0025	n/a	2/26/2025	0.0025ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-3	0.0025	n/a	2/25/2025	0.0025ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-4	0.0025	n/a	2/25/2025	0.0025ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-5	0.0025	n/a	2/25/2025	0.0025ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-6	0.0025	n/a	2/24/2025	0.0025ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-7	0.0025	n/a	2/24/2025	0.0025ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-8A	0.0025	n/a	2/24/2025	0.0025ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWA-17	0.0025	n/a	2/26/2025	0.0025ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-2	0.0025	n/a	2/25/2025	0.0025ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-8A	0.0025	n/a	2/24/2025	0.0025ND	No	37	n/a	n/a	78.38	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-11	0.0025	n/a	2/24/2025	0.0025ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-15	0.0036	n/a	2/25/2025	0.002ND	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-16	0.008074	n/a	2/25/2025	0.0068	No	37	0.005088	0.00122	0	None	No	0.0001937	Param Intra 1 of 2
Chromium (mg/L)	GWA-17	0.01148	n/a	2/26/2025	0.0083	No	37	0.007284	0.001716	0	None	No	0.0001937	Param Intra 1 of 2
Chromium (mg/L)	GWC-1	0.01814	n/a	2/25/2025	0.013	No	37	0.0001616	0.00006843	0	None	x^2	0.0001937	Param Intra 1 of 2
Chromium (mg/L)	GWC-2	0.01387	n/a	2/25/2025	0.0092	No	37	0.0001026	0.00003666	2.703	None	x^2	0.0001937	Param Intra 1 of 2
Chromium (mg/L)	GWC-3	0.01995	n/a	2/25/2025	0.015	No	36	-4.643	0.2968	0	None	ln(x)	0.0001937	Param Intra 1 of 2
Chromium (mg/L)	GWC-4	0.009955	n/a	2/25/2025	0.0025	No	37	0.005713	0.001734	0	None	No	0.0001937	Param Intra 1 of 2
Chromium (mg/L)	GWC-5	0.01053	n/a	2/25/2025	0.0057	No	37	0.06791	0.01419	2.703	None	sqrt(x)	0.0001937	Param Intra 1 of 2
Chromium (mg/L)	GWC-6	0.01054	n/a	2/24/2025	0.0054	No	37	-5.311	0.3102	2.703	None	ln(x)	0.0001937	Param Intra 1 of 2
Chromium (mg/L)	**GWC-7**	**0.02**	**n/a**	**2/24/2025**	**0.024**	**Yes**	**38**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001294**	**NP Intra (normality) 1 of 2**
Chromium (mg/L)	GWC-8A	0.023	n/a	2/24/2025	0.002ND	No	35	n/a	n/a	51.43	n/a	n/a	0.001497	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-9	0.01267	n/a	2/24/2025	0.0029	No	37	0.007694	0.002034	0	None	No	0.0001937	Param Intra 1 of 2
Chromium (mg/L)	GWC-10	0.02502	n/a	2/24/2025	0.017	No	37	0.01568	0.003816	0	None	No	0.0001937	Param Intra 1 of 2
Chromium (mg/L)	GWC-11	0.012	n/a	2/24/2025	0.0079	No	37	n/a	n/a	0	n/a	n/a	0.001361	NP Intra (normality) 1 of 2
Chromium (mg/L)	GWC-12	0.0036	n/a	2/24/2025	0.0012J	No	37	n/a	n/a	37.84	n/a	n/a	0.001361	NP Intra (normality) 1 of 2
Chromium (mg/L)	GWC-13	0.008363	n/a	2/24/2025	0.0053	No	36	0.004964	0.001385	0	None	No	0.0001937	Param Intra 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 6/18/2025, 4:27 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Chromium (mg/L)	GWC-14	0.0038	n/a	2/25/2025	0.002ND	No	37	n/a	n/a	86.49	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-18	0.02	n/a	2/25/2025	0.011	No	37	n/a	n/a	0	n/a	n/a	0.001361	NP Intra (normality) 1 of 2
Chromium (mg/L)	GWC-19	0.01723	n/a	2/25/2025	0.016	No	37	0.00998	0.002962	0	None	No	0.0001937	Param Intra 1 of 2
Chromium (mg/L)	GWC-20	0.01377	n/a	2/25/2025	0.0084	No	37	0.0945	0.00934	0	None	sqrt(x)	0.0001937	Param Intra 1 of 2
Cobalt (mg/L)	GWA-15	0.0029	n/a	2/25/2025	0.0013J	No	36	n/a	n/a	41.67	n/a	n/a	0.001429	NP Intra (normality) 1 of 2
Cobalt (mg/L)	GWA-16	0.0025	n/a	2/25/2025	0.0025ND	No	36	n/a	n/a	88.89	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-17	0.0025	n/a	2/26/2025	0.0025ND	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-1	0.0025	n/a	2/25/2025	0.0025ND	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-2	0.0025	n/a	2/25/2025	0.0025ND	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-3	0.0025	n/a	2/25/2025	0.0025ND	No	35	n/a	n/a	71.43	n/a	n/a	0.001497	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-4	0.0025	n/a	2/25/2025	0.0025ND	No	37	n/a	n/a	83.78	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-5	0.0025	n/a	2/25/2025	0.0025ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-6	0.0025	n/a	2/24/2025	0.0025ND	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-7	0.0025	n/a	2/24/2025	0.0025ND	No	37	n/a	n/a	86.49	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-8A	0.0046	n/a	2/24/2025	0.0018J	No	34	n/a	n/a	38.24	n/a	n/a	0.001599	NP Intra (normality) 1 of 2
Cobalt (mg/L)	GWC-9	0.0025	n/a	2/24/2025	0.0025ND	No	37	n/a	n/a	86.49	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-10	0.0035	n/a	2/24/2025	0.0025ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-11	0.0025	n/a	2/24/2025	0.0025ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-12	0.0025	n/a	2/24/2025	0.0025ND	No	37	n/a	n/a	59.46	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-18	0.0025	n/a	2/25/2025	0.0025ND	No	36	n/a	n/a	86.11	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-19	0.0025	n/a	2/25/2025	0.0025ND	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-20	0.0025	n/a	2/25/2025	0.0025ND	No	37	n/a	n/a	86.49	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-16	0.002	n/a	2/25/2025	0.002ND	No	32	n/a	n/a	93.75	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-17	0.002	n/a	2/26/2025	0.002ND	No	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-1	0.002	n/a	2/25/2025	0.002ND	No	32	n/a	n/a	93.75	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-2	0.002	n/a	2/25/2025	0.002ND	No	32	n/a	n/a	90.63	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-3	0.0042	n/a	2/25/2025	0.002ND	No	31	n/a	n/a	70.97	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-4	0.0039	n/a	2/25/2025	0.002ND	No	32	n/a	n/a	56.25	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-6	0.0037	n/a	2/24/2025	0.002ND	No	32	n/a	n/a	87.5	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-7	0.0026	n/a	2/24/2025	0.002ND	No	31	n/a	n/a	77.42	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-8A	0.1	n/a	2/24/2025	0.002ND	No	31	n/a	n/a	51.61	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-9	0.0038	n/a	2/24/2025	0.002ND	No	32	n/a	n/a	87.5	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-10	0.0053	n/a	2/24/2025	0.002ND	No	33	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-11	0.0021	n/a	2/24/2025	0.002ND	No	32	n/a	n/a	93.75	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-13	0.0024	n/a	2/24/2025	0.002ND	No	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-14	0.0021	n/a	2/25/2025	0.002ND	No	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-18	0.0025	n/a	2/25/2025	0.002ND	No	32	n/a	n/a	84.38	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-20	0.0021	n/a	2/25/2025	0.002ND	No	31	n/a	n/a	96.77	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-16	0.001	n/a	2/25/2025	0.001ND	No	23	n/a	n/a	95.65	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-17	0.001	n/a	2/26/2025	0.001ND	No	23	n/a	n/a	95.65	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-1	0.001	n/a	2/25/2025	0.001ND	No	23	n/a	n/a	86.96	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-2	0.001	n/a	2/25/2025	0.001ND	No	23	n/a	n/a	95.65	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-3	0.001	n/a	2/25/2025	0.001ND	No	23	n/a	n/a	91.3	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-4	0.001	n/a	2/25/2025	0.001ND	No	23	n/a	n/a	95.65	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-5	0.001	n/a	2/25/2025	0.001ND	No	23	n/a	n/a	100	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-6	0.001	n/a	2/24/2025	0.001ND	No	23	n/a	n/a	100	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-7	0.001	n/a	2/24/2025	0.001ND	No	23	n/a	n/a	91.3	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-8A	0.0012	n/a	2/24/2025	0.001ND	No	23	n/a	n/a	82.61	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-9	0.001	n/a	2/24/2025	0.001ND	No	23	n/a	n/a	100	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-10	0.001	n/a	2/24/2025	0.001ND	No	24	n/a	n/a	95.83	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-11	0.0017	n/a	2/24/2025	0.001ND	No	23	n/a	n/a	86.96	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-13	0.001	n/a	2/24/2025	0.001ND	No	23	n/a	n/a	95.65	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-14	0.001	n/a	2/25/2025	0.001ND	No	23	n/a	n/a	100	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-18	0.001	n/a	2/25/2025	0.001ND	No	23	n/a	n/a	100	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-19	0.0015	n/a	2/25/2025	0.001ND	No	23	n/a	n/a	86.96	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-20	0.001	n/a	2/25/2025	0.001ND	No	23	n/a	n/a	100	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 6/18/2025, 4:27 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Mercury (mg/L)	GWA-15	0.0002	n/a	2/25/2025	0.0002ND	No	37	n/a	n/a	89.19	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-16	0.0002	n/a	2/25/2025	0.0002ND	No	37	n/a	n/a	89.19	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-17	0.0002	n/a	2/26/2025	0.0002ND	No	37	n/a	n/a	83.78	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-1	0.0002	n/a	2/25/2025	0.0002ND	No	37	n/a	n/a	86.49	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-2	0.0002	n/a	2/25/2025	0.0002ND	No	37	n/a	n/a	89.19	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-3	0.0002	n/a	2/25/2025	0.0002ND	No	37	n/a	n/a	89.19	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-4	0.0002	n/a	2/25/2025	0.0002ND	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-5	0.0002	n/a	2/25/2025	0.0002ND	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-6	0.0002	n/a	2/24/2025	0.0002ND	No	37	n/a	n/a	86.49	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-7	0.0002	n/a	2/24/2025	0.0002ND	No	37	n/a	n/a	86.49	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-8A	0.0002	n/a	2/24/2025	0.0002ND	No	37	n/a	n/a	83.78	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-9	0.0002	n/a	2/24/2025	0.0002ND	No	37	n/a	n/a	94.59	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-10	0.0002	n/a	2/24/2025	0.0002ND	No	37	n/a	n/a	89.19	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-11	0.0002	n/a	2/24/2025	0.0002ND	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-12	0.0002	n/a	2/24/2025	0.0002ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-13	0.0002	n/a	2/24/2025	0.0002ND	No	37	n/a	n/a	86.49	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-14	0.0002	n/a	2/25/2025	0.0002ND	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-18	0.0002	n/a	2/25/2025	0.0002ND	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-19	0.0002	n/a	2/25/2025	0.0002ND	No	37	n/a	n/a	86.49	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-20	0.0002	n/a	2/25/2025	0.0002ND	No	37	n/a	n/a	83.78	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-15	0.00202	n/a	2/25/2025	0.00072J	No	32	n/a	n/a	65.63	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-16	0.001	n/a	2/25/2025	0.001ND	No	31	n/a	n/a	96.77	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-17	0.0012	n/a	2/26/2025	0.001ND	No	32	n/a	n/a	87.5	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-1	0.0071	n/a	2/25/2025	0.00054J	No	32	n/a	n/a	62.5	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-2	0.0038	n/a	2/25/2025	0.0016	No	32	n/a	n/a	53.13	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-3	0.0035	n/a	2/25/2025	0.0016	No	29	n/a	n/a	51.72	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-4	0.0036	n/a	2/25/2025	0.0019	No	32	n/a	n/a	59.38	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-5	0.00268	n/a	2/25/2025	0.001ND	No	31	n/a	n/a	61.29	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-6	0.0053	n/a	2/24/2025	0.00064J	No	32	n/a	n/a	53.13	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-7	0.0044	n/a	2/24/2025	0.001ND	No	32	n/a	n/a	84.38	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-8A	0.01118	n/a	2/24/2025	0.0046	No	34	0.1514	0.02922	32.35	Kaplan-Meier	x^(1/3)	0.0001937	Param Intra 1 of 2
Nickel (mg/L)	GWC-9	0.001	n/a	2/24/2025	0.001ND	No	32	n/a	n/a	71.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-10	0.0048	n/a	2/24/2025	0.0011	No	34	n/a	n/a	55.88	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-11	0.0025	n/a	2/24/2025	0.00053J	No	32	n/a	n/a	65.63	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-12	0.0011	n/a	2/24/2025	0.001ND	No	32	n/a	n/a	65.63	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-13	0.001	n/a	2/24/2025	0.001ND	No	32	n/a	n/a	78.13	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-18	0.001	n/a	2/25/2025	0.001ND	No	31	n/a	n/a	90.32	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-19	0.0017	n/a	2/25/2025	0.0012	No	31	n/a	n/a	70.97	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-20	0.003	n/a	2/25/2025	0.00061J	No	31	n/a	n/a	64.52	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWA-15	0.005	n/a	2/25/2025	0.005ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWA-16	0.005	n/a	2/25/2025	0.005ND	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWA-17	0.005	n/a	2/26/2025	0.005ND	No	37	n/a	n/a	94.59	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-1	0.0053	n/a	2/25/2025	0.005ND	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-2	0.005	n/a	2/25/2025	0.005ND	No	37	n/a	n/a	83.78	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-3	0.005	n/a	2/25/2025	0.005ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Selenium (mg/L)	**GWC-4**	**0.005**	**n/a**	**2/25/2025**	**0.0076**	**Yes**	**37**	**n/a**	**n/a**	**81.08**	**n/a**	**n/a**	**0.001361**	**NP Intra (NDs) 1 of 2**
Selenium (mg/L)	GWC-5	0.01744	n/a	2/25/2025	0.0013J	No	11	0.005791	0.003494	0	None	No	0.0001937	Param Intra 1 of 2
Selenium (mg/L)	GWC-6	0.007	n/a	2/24/2025	0.005ND	No	37	n/a	n/a	78.38	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-7	0.0053	n/a	2/24/2025	0.005ND	No	37	n/a	n/a	94.59	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-8A	0.005	n/a	2/24/2025	0.005ND	No	37	n/a	n/a	89.19	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-9	0.0065	n/a	2/24/2025	0.005ND	No	37	n/a	n/a	94.59	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-10	0.005	n/a	2/24/2025	0.005ND	No	37	n/a	n/a	94.59	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-11	0.005	n/a	2/24/2025	0.005ND	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-12	0.005	n/a	2/24/2025	0.005ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-14	0.0052	n/a	2/25/2025	0.005ND	No	37	n/a	n/a	94.59	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-18	0.005	n/a	2/25/2025	0.005ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 6/18/2025, 4:27 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Selenium (mg/L)	GWC-19	0.005	n/a	2/25/2025	0.005ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWA-15	0.001	n/a	2/25/2025	0.001ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWA-16	0.001	n/a	2/25/2025	0.001ND	No	37	n/a	n/a	94.59	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWA-17	0.001	n/a	2/26/2025	0.001ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-1	0.001	n/a	2/25/2025	0.001ND	No	37	n/a	n/a	94.59	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-2	0.001	n/a	2/25/2025	0.001ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-4	0.001	n/a	2/25/2025	0.001ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-5	0.001	n/a	2/25/2025	0.001ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-6	0.001	n/a	2/24/2025	0.001ND	No	37	n/a	n/a	94.59	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-7	0.001	n/a	2/24/2025	0.001ND	No	37	n/a	n/a	89.19	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-8A	0.001	n/a	2/24/2025	0.001ND	No	37	n/a	n/a	94.59	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-9	0.001	n/a	2/24/2025	0.001ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-19	0.001	n/a	2/25/2025	0.001ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-15	0.0035	n/a	2/25/2025	0.002ND	No	32	n/a	n/a	78.13	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-16	0.01172	n/a	2/25/2025	0.0069	No	32	0.007333	0.00176	3.125	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	**GWA-17**	**0.008446**	**n/a**	**2/26/2025**	**0.011**	**Yes**	**32**	**0.004701**	**0.001504**	**12.5**	**None**	**No**	**0.0001937**	**Param Intra 1 of 2**
Vanadium (mg/L)	GWC-1	0.0233	n/a	2/25/2025	0.017	No	32	0.0002708	0.0001093	0	None	x^2	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-2	0.01924	n/a	2/25/2025	0.013	No	32	0.0001998	0.00006842	3.125	None	x^2	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-3	0.01043	n/a	2/25/2025	0.0042	No	31	0.00653	0.001561	0	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-4	0.01171	n/a	2/25/2025	0.0041	No	32	0.007233	0.0018	0	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-5	0.006452	n/a	2/25/2025	0.0023	No	32	0.05266	0.01111	18.75	Kaplan-Meier	sqrt(x)	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-6	0.01316	n/a	2/24/2025	0.011	No	32	0.009105	0.00163	0	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-7	0.01634	n/a	2/24/2025	0.013	No	32	0.000002319	8.2e-7	0	None	x^3	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-8A	0.0047	n/a	2/24/2025	0.002	No	16	n/a	n/a	37.5	n/a	n/a	0.006456	NP Intra (normality) 1 of 2
Vanadium (mg/L)	GWC-9	0.02777	n/a	2/24/2025	0.01	No	32	0.01692	0.00436	0	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-10	0.026	n/a	2/24/2025	0.013	No	33	n/a	n/a	0	n/a	n/a	0.001701	NP Intra (normality) 1 of 2
Vanadium (mg/L)	GWC-11	0.01473	n/a	2/24/2025	0.011	No	32	0.01031	0.001777	3.125	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-12	0.0052	n/a	2/24/2025	0.00072J	No	32	n/a	n/a	84.38	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-13	0.0062	n/a	2/24/2025	0.0022	No	32	n/a	n/a	56.25	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-14	0.0062	n/a	2/25/2025	0.002ND	No	32	n/a	n/a	68.75	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-18	0.01061	n/a	2/25/2025	0.006	No	32	0.08111	0.0088	3.125	None	sqrt(x)	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-19	0.01019	n/a	2/25/2025	0.0067	No	32	0.007199	0.001201	0	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-20	0.02308	n/a	2/25/2025	0.016	No	32	0.01753	0.002229	0	None	No	0.0001937	Param Intra 1 of 2
Zinc (mg/L)	GWA-15	0.006	n/a	2/25/2025	0.0034J	No	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-16	0.005	n/a	2/25/2025	0.005ND	No	32	n/a	n/a	93.75	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-17	0.0084	n/a	2/26/2025	0.005ND	No	32	n/a	n/a	90.63	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-1	0.005	n/a	2/25/2025	0.005ND	No	32	n/a	n/a	90.63	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-2	0.01	n/a	2/25/2025	0.005ND	No	32	n/a	n/a	90.63	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-3	0.0069	n/a	2/25/2025	0.005ND	No	29	n/a	n/a	89.66	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-4	0.006	n/a	2/25/2025	0.005ND	No	32	n/a	n/a	93.75	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-5	0.0089	n/a	2/25/2025	0.005ND	No	31	n/a	n/a	74.19	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-6	0.0062	n/a	2/24/2025	0.005ND	No	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-7	0.0074	n/a	2/24/2025	0.005ND	No	32	n/a	n/a	93.75	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-8A	0.085	n/a	2/24/2025	0.005ND	No	29	n/a	n/a	51.72	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-9	0.005	n/a	2/24/2025	0.005ND	No	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-10	0.013	n/a	2/24/2025	0.0097	No	33	n/a	n/a	93.94	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-11	0.018	n/a	2/24/2025	0.0031J	No	31	n/a	n/a	74.19	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-12	0.0065	n/a	2/24/2025	0.0029J	No	32	n/a	n/a	81.25	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-13	0.0085	n/a	2/24/2025	0.0036J	No	32	n/a	n/a	71.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-14	0.024	n/a	2/25/2025	0.005ND	No	33	n/a	n/a	93.94	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-18	0.0077	n/a	2/25/2025	0.003J	No	32	n/a	n/a	93.75	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-19	0.0059	n/a	2/25/2025	0.005ND	No	31	n/a	n/a	96.77	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-20	0.0065	n/a	2/25/2025	0.005ND	No	32	n/a	n/a	93.75	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2

Appendix III Intrawell Prediction Limits - Significant Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 6/19/2025, 9:16 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Calcium (mg/L)	GWC-3	10.92	n/a	2/25/2025	11	Yes	23	7.67	1.362	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-4	17.6	n/a	2/25/2025	46	Yes	19	13	1.856	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-6	21.45	n/a	2/24/2025	23	Yes	24	17.3	1.753	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-7	17.69	n/a	2/24/2025	19	Yes	24	14.66	1.279	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-9	23	n/a	2/24/2025	34	Yes	25	n/a	n/a	0	n/a	n/a	0.002832	NP Intra (normality) 1 of 2
Calcium (mg/L)	GWC-12	1.505	n/a	2/24/2025	1.7	Yes	23	1.11	0.1658	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-19	15.99	n/a	2/25/2025	18	Yes	15	11.46	1.718	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-20	17.52	n/a	2/25/2025	18	Yes	23	14.07	1.448	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-4	16.42	n/a	2/25/2025	28	Yes	19	8.083	3.363	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-7	4.9	n/a	2/24/2025	6.5	Yes	23	n/a	n/a	0	n/a	n/a	0.003415	NP Intra (normality) 1 of 2
Chloride (mg/L)	GWC-9	5.188	n/a	2/24/2025	6.3	Yes	23	3.815	0.5757	0	None	No	0.0004426	Param Intra 1 of 2
pH, Field (SU)	GWA-16	6.63	5.63	2/25/2025	6.76	Yes	37	n/a	n/a	0	n/a	n/a	0.002723	NP Intra (normality) 1 of 2
pH, Field (SU)	GWA-17	6.524	5.455	2/26/2025	6.65	Yes	37	5.99	0.2393	0	None	No	0.0002213	Param Intra 1 of 2
pH, Field (SU)	GWC-6	6.48	5.5	2/24/2025	6.5	Yes	40	n/a	n/a	0	n/a	n/a	0.002317	NP Intra (normality) 1 of 2
pH, Field (SU)	GWC-7	6.628	5.958	2/24/2025	6.67	Yes	39	1595	150.8	0	None	x^4	0.0002213	Param Intra 1 of 2
pH, Field (SU)	GWC-9	6.82	5.97	2/24/2025	7.14	Yes	39	n/a	n/a	0	n/a	n/a	0.002453	NP Intra (normality) 1 of 2
pH, Field (SU)	GWC-18	6.54	5.74	2/25/2025	6.69	Yes	38	n/a	n/a	0	n/a	n/a	0.002588	NP Intra (normality) 1 of 2
Sulfate (mg/L)	GWC-3	1.1	n/a	2/25/2025	20	Yes	19	n/a	n/a	57.89	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-4	6.288	n/a	2/25/2025	150	Yes	15	2.937	1.27	0	None	No	0.0004426	Param Intra 1 of 2
Sulfate (mg/L)	GWC-6	22.26	n/a	2/24/2025	30	Yes	24	3.352	0.5775	0	None	sqrt(x)	0.0004426	Param Intra 1 of 2
Sulfate (mg/L)	GWC-7	1.5	n/a	2/24/2025	3.5	Yes	23	n/a	n/a	69.57	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-9	18.9	n/a	2/24/2025	19	Yes	19	3.156	0.4807	0	None	sqrt(x)	0.0004426	Param Intra 1 of 2
TDS (mg/L)	GWC-3	116.7	n/a	2/25/2025	130	Yes	23	81.7	14.66	0	None	No	0.0004426	Param Intra 1 of 2
TDS (mg/L)	GWC-4	178.1	n/a	2/25/2025	350	Yes	19	123.4	22.1	0	None	No	0.0004426	Param Intra 1 of 2

Appendix III Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 6/19/2025, 9:16 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	GWA-15	0.08	n/a	2/25/2025	0.08ND	No	23	n/a	n/a	91.3	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-16	0.08	n/a	2/25/2025	0.08ND	No	23	n/a	n/a	100	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-17	0.08	n/a	2/26/2025	0.08ND	No	23	n/a	n/a	95.65	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-1	0.08	n/a	2/25/2025	0.08ND	No	23	n/a	n/a	91.3	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-2	0.08	n/a	2/25/2025	0.08ND	No	23	n/a	n/a	91.3	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-3	0.08	n/a	2/25/2025	0.08ND	No	23	n/a	n/a	91.3	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-4	0.13	n/a	2/25/2025	0.029J	No	24	n/a	n/a	87.5	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-5	0.385	n/a	2/25/2025	0.14	No	12	0.2158	0.05992	0	None	No	0.0004426	Param Intra 1 of 2
Boron (mg/L)	GWC-6	0.085	n/a	2/24/2025	0.08ND	No	24	n/a	n/a	87.5	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-7	0.08	n/a	2/24/2025	0.08ND	No	23	n/a	n/a	91.3	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-8A	0.2935	n/a	2/24/2025	0.17	No	23	0.1811	0.0471	0	None	No	0.0004426	Param Intra 1 of 2
Boron (mg/L)	GWC-9	0.134	n/a	2/24/2025	0.056J	No	23	0.08873	0.01896	0	None	No	0.0004426	Param Intra 1 of 2
Boron (mg/L)	GWC-10	0.11	n/a	2/24/2025	0.08ND	No	24	n/a	n/a	87.5	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-11	0.08	n/a	2/24/2025	0.08ND	No	23	n/a	n/a	95.65	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-12	0.08	n/a	2/24/2025	0.08ND	No	23	n/a	n/a	91.3	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-13	0.08	n/a	2/24/2025	0.08ND	No	23	n/a	n/a	91.3	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-14	0.08	n/a	2/25/2025	0.08ND	No	23	n/a	n/a	95.65	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-18	0.08	n/a	2/25/2025	0.08ND	No	23	n/a	n/a	95.65	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-19	0.08	n/a	2/25/2025	0.08ND	No	23	n/a	n/a	95.65	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-20	0.12	n/a	2/25/2025	0.08ND	No	24	n/a	n/a	87.5	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Calcium (mg/L)	GWA-15	5.275	n/a	2/25/2025	4.1	No	23	4.201	0.4501	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWA-16	15.37	n/a	2/25/2025	13	No	23	12	1.415	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWA-17	9.826	n/a	2/26/2025	7.4	No	23	7.203	1.099	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-1	20.23	n/a	2/25/2025	17	No	23	17.34	1.209	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-2	20.27	n/a	2/25/2025	17	No	23	17.47	1.174	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	**GWC-3**	**10.92**	**n/a**	**2/25/2025**	**11**	**Yes**	**23**	**7.67**	**1.362**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
Calcium (mg/L)	**GWC-4**	**17.6**	**n/a**	**2/25/2025**	**46**	**Yes**	**19**	**13**	**1.856**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
Calcium (mg/L)	GWC-5	68.6	n/a	2/25/2025	25	No	11	6.178	0.7155	0	None	sqrt(x)	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	**GWC-6**	**21.45**	**n/a**	**2/24/2025**	**23**	**Yes**	**24**	**17.3**	**1.753**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
Calcium (mg/L)	**GWC-7**	**17.69**	**n/a**	**2/24/2025**	**19**	**Yes**	**24**	**14.66**	**1.279**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
Calcium (mg/L)	GWC-8A	44.79	n/a	2/24/2025	42	No	11	26.36	6.265	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	**GWC-9**	**23**	**n/a**	**2/24/2025**	**34**	**Yes**	**25**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.002832**	**NP Intra (normality) 1 of 2**
Calcium (mg/L)	GWC-10	22.03	n/a	2/24/2025	20	No	23	17.52	1.888	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-11	14	n/a	2/24/2025	14	No	23	n/a	n/a	0	n/a	n/a	0.003415	NP Intra (normality) 1 of 2
Calcium (mg/L)	**GWC-12**	**1.505**	**n/a**	**2/24/2025**	**1.7**	**Yes**	**23**	**1.11**	**0.1658**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
Calcium (mg/L)	GWC-13	8.967	n/a	2/24/2025	7.9	No	23	6.802	0.9074	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-14	8.188	n/a	2/25/2025	7.2	No	23	6.673	0.6347	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-18	11.6	n/a	2/25/2025	10	No	23	n/a	n/a	0	n/a	n/a	0.003415	NP Intra (normality) 1 of 2
Calcium (mg/L)	**GWC-19**	**15.99**	**n/a**	**2/25/2025**	**18**	**Yes**	**15**	**11.46**	**1.718**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
Calcium (mg/L)	**GWC-20**	**17.52**	**n/a**	**2/25/2025**	**18**	**Yes**	**23**	**14.07**	**1.448**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
Chloride (mg/L)	GWA-15	7.469	n/a	2/25/2025	5.7	No	23	1.752	0.1086	0	None	ln(x)	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWA-16	1.999	n/a	2/25/2025	1.6	No	23	1.656	0.1436	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWA-17	1.969	n/a	2/26/2025	1.5	No	23	1.226	0.07433	0	None	sqrt(x)	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-1	4.625	n/a	2/25/2025	3.9	No	23	3.844	0.3272	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-2	2.676	n/a	2/25/2025	2.1	No	23	2.18	0.2078	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-3	3.825	n/a	2/25/2025	2.4	No	23	3.119	0.2958	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	**GWC-4**	**16.42**	**n/a**	**2/25/2025**	**28**	**Yes**	**19**	**8.083**	**3.363**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
Chloride (mg/L)	GWC-5	62.84	n/a	2/25/2025	4.9J	No	13	4.18	1.357	0	None	sqrt(x)	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-6	8.235	n/a	2/24/2025	6.1	No	23	6.047	0.9174	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	**GWC-7**	**4.9**	**n/a**	**2/24/2025**	**6.5**	**Yes**	**23**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.003415**	**NP Intra (normality) 1 of 2**
Chloride (mg/L)	GWC-8A	10.3	n/a	2/24/2025	6.8	No	23	7.752	1.069	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	**GWC-9**	**5.188**	**n/a**	**2/24/2025**	**6.3**	**Yes**	**23**	**3.815**	**0.5757**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
Chloride (mg/L)	GWC-10	5.2	n/a	2/24/2025	4.6	No	23	n/a	n/a	0	n/a	n/a	0.003415	NP Intra (normality) 1 of 2
Chloride (mg/L)	GWC-11	2.137	n/a	2/24/2025	1.8	No	23	1.799	0.1415	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-12	2.241	n/a	2/24/2025	2.1	No	23	1.813	0.1792	0	None	No	0.0004426	Param Intra 1 of 2

Appendix III Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 6/19/2025, 9:16 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Chloride (mg/L)	GWC-13	1.927	n/a	2/24/2025	1.5	No	23	1.557	0.1547	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-14	4.514	n/a	2/25/2025	4.3	No	23	1.782	0.1435	0	None	sqrt(x)	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-18	3.135	n/a	2/25/2025	2.8	No	23	2.623	0.2145	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-19	3.243	n/a	2/25/2025	2.7	No	23	2.097	0.4799	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-20	2.496	n/a	2/25/2025	2.4	No	23	8.458	2.969	4.348	None	x^3	0.0004426	Param Intra 1 of 2
Fluoride (mg/L)	GWA-15	0.077	n/a	2/25/2025	0.01ND	No	23	n/a	n/a	78.26	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-16	0.089	n/a	2/25/2025	0.01ND	No	23	n/a	n/a	52.17	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-17	0.083	n/a	2/26/2025	0.01ND	No	23	n/a	n/a	52.17	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-1	0.1306	n/a	2/25/2025	0.01ND	No	25	0.005705	0.004832	24	Kaplan-Meier	x^2	0.0004426	Param Intra 1 of 2
Fluoride (mg/L)	GWC-2	0.072	n/a	2/25/2025	0.01ND	No	23	n/a	n/a	47.83	n/a	n/a	0.003415	NP Intra (normality) 1 of 2
Fluoride (mg/L)	GWC-3	0.092	n/a	2/25/2025	0.01ND	No	23	n/a	n/a	43.48	n/a	n/a	0.003415	NP Intra (normality) 1 of 2
Fluoride (mg/L)	GWC-4	0.1443	n/a	2/25/2025	0.005ND	No	23	0.009012	0.004953	8.696	None	x^2	0.0004426	Param Intra 1 of 2
Fluoride (mg/L)	GWC-5	0.16	n/a	2/25/2025	0.01ND	No	24	n/a	n/a	50	n/a	n/a	0.003124	NP Intra (normality) 1 of 2
Fluoride (mg/L)	GWC-6	0.1	n/a	2/24/2025	0.01ND	No	23	n/a	n/a	47.83	n/a	n/a	0.003415	NP Intra (normality) 1 of 2
Fluoride (mg/L)	GWC-7	0.12	n/a	2/24/2025	0.01ND	No	23	n/a	n/a	47.83	n/a	n/a	0.003415	NP Intra (normality) 1 of 2
Fluoride (mg/L)	GWC-8A	0.2021	n/a	2/24/2025	0.005ND	No	23	0.08952	0.04719	8.696	None	No	0.0004426	Param Intra 1 of 2
Fluoride (mg/L)	GWC-9	0.096	n/a	2/24/2025	0.01ND	No	23	n/a	n/a	39.13	n/a	n/a	0.003415	NP Intra (normality) 1 of 2
Fluoride (mg/L)	GWC-10	0.099	n/a	2/24/2025	0.01ND	No	23	n/a	n/a	43.48	n/a	n/a	0.003415	NP Intra (normality) 1 of 2
Fluoride (mg/L)	GWC-11	0.071	n/a	2/24/2025	0.01ND	No	23	n/a	n/a	52.17	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-12	0.046	n/a	2/24/2025	0.01ND	No	23	n/a	n/a	69.57	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-13	0.06	n/a	2/24/2025	0.01ND	No	23	n/a	n/a	56.52	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-14	0.068	n/a	2/25/2025	0.01ND	No	23	n/a	n/a	69.57	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-18	0.12	n/a	2/25/2025	0.01ND	No	23	n/a	n/a	56.52	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-19	0.079	n/a	2/25/2025	0.01ND	No	23	n/a	n/a	56.52	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-20	0.089	n/a	2/25/2025	0.01ND	No	23	n/a	n/a	60.87	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
pH, Field (SU)	GWA-15	5.921	4.962	2/25/2025	5.43	No	38	5.442	0.2152	0	None	No	0.0002213	Param Intra 1 of 2
pH, Field (SU)	**GWA-16**	**6.63**	**5.63**	**2/25/2025**	**6.76**	**Yes**	**37**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.002723**	**NP Intra (normality) 1 of 2**
pH, Field (SU)	**GWA-17**	**6.524**	**5.455**	**2/26/2025**	**6.65**	**Yes**	**37**	**5.99**	**0.2393**	**0**	**None**	**No**	**0.0002213**	**Param Intra 1 of 2**
pH, Field (SU)	GWC-1	6.816	6.185	2/25/2025	6.77	No	40	6.5	0.1424	0	None	No	0.0002213	Param Intra 1 of 2
pH, Field (SU)	GWC-2	7	5.79	2/25/2025	6.49	No	37	n/a	n/a	0	n/a	n/a	0.002723	NP Intra (normality) 1 of 2
pH, Field (SU)	GWC-3	6.271	5.576	2/25/2025	5.93	No	42	7542	976.1	0	None	x^5	0.0002213	Param Intra 1 of 2
pH, Field (SU)	GWC-4	6.557	5.883	2/25/2025	6.17	No	43	60468	8638	0	None	x^6	0.0002213	Param Intra 1 of 2
pH, Field (SU)	GWC-5	6.369	5.386	2/25/2025	6.16	No	38	5.878	0.2204	0	None	No	0.0002213	Param Intra 1 of 2
pH, Field (SU)	**GWC-6**	**6.48**	**5.5**	**2/24/2025**	**6.5**	**Yes**	**40**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.002317**	**NP Intra (normality) 1 of 2**
pH, Field (SU)	**GWC-7**	**6.628**	**5.958**	**2/24/2025**	**6.67**	**Yes**	**39**	**1595**	**150.8**	**0**	**None**	**x^4**	**0.0002213**	**Param Intra 1 of 2**
pH, Field (SU)	GWC-8A	7.26	5.93	2/24/2025	6.75	No	43	n/a	n/a	0	n/a	n/a	0.002074	NP Intra (normality) 1 of 2
pH, Field (SU)	**GWC-9**	**6.82**	**5.97**	**2/24/2025**	**7.14**	**Yes**	**39**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.002453**	**NP Intra (normality) 1 of 2**
pH, Field (SU)	GWC-10	6.66	5.96	2/24/2025	6.27	No	42	6.31	0.1585	0	None	No	0.0002213	Param Intra 1 of 2
pH, Field (SU)	GWC-11	6.38	5.58	2/24/2025	6.14	No	37	n/a	n/a	0	n/a	n/a	0.002723	NP Intra (normality) 1 of 2
pH, Field (SU)	GWC-12	5.556	4.459	2/24/2025	5.18	No	38	3529	792.6	0	None	x^5	0.0002213	Param Intra 1 of 2
pH, Field (SU)	GWC-13	6.21	4.93	2/24/2025	5.9	No	38	n/a	n/a	0	n/a	n/a	0.002588	NP Intra (normality) 1 of 2
pH, Field (SU)	GWC-14	6.11	4.87	2/25/2025	5.57	No	38	n/a	n/a	0	n/a	n/a	0.002588	NP Intra (normality) 1 of 2
pH, Field (SU)	**GWC-18**	**6.54**	**5.74**	**2/25/2025**	**6.69**	**Yes**	**38**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.002588**	**NP Intra (normality) 1 of 2**
pH, Field (SU)	GWC-19	6.79	5.87	2/25/2025	6.59	No	39	n/a	n/a	0	n/a	n/a	0.002453	NP Intra (normality) 1 of 2
pH, Field (SU)	GWC-20	6.826	6.137	2/25/2025	6.55	No	41	77297	10790	0	None	x^6	0.0002213	Param Intra 1 of 2
Sulfate (mg/L)	GWA-15	3.661	n/a	2/25/2025	3.6	No	23	1.402	0.9467	30.43	Kaplan-Meier	No	0.0004426	Param Intra 1 of 2
Sulfate (mg/L)	GWA-16	1.4	n/a	2/25/2025	1ND	No	23	n/a	n/a	82.61	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-17	1.3	n/a	2/26/2025	1ND	No	23	n/a	n/a	78.26	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-1	1.475	n/a	2/25/2025	0.48J	No	23	0.8815	0.1397	34.78	Kaplan-Meier	sqrt(x)	0.0004426	Param Intra 1 of 2
Sulfate (mg/L)	GWC-2	1.393	n/a	2/25/2025	0.4J	No	23	0.7193	0.2825	43.48	Kaplan-Meier	No	0.0004426	Param Intra 1 of 2
Sulfate (mg/L)	**GWC-3**	**1.1**	**n/a**	**2/25/2025**	**20**	**Yes**	**19**	**n/a**	**n/a**	**57.89**	**n/a**	**n/a**	**0.004832**	**NP Intra (NDs) 1 of 2**
Sulfate (mg/L)	**GWC-4**	**6.288**	**n/a**	**2/25/2025**	**150**	**Yes**	**15**	**2.937**	**1.27**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
Sulfate (mg/L)	GWC-5	194.5	n/a	2/25/2025	58	No	11	105.8	30.15	0	None	No	0.0004426	Param Intra 1 of 2
Sulfate (mg/L)	**GWC-6**	**22.26**	**n/a**	**2/24/2025**	**30**	**Yes**	**24**	**3.352**	**0.5775**	**0**	**None**	**sqrt(x)**	**0.0004426**	**Param Intra 1 of 2**
Sulfate (mg/L)	**GWC-7**	**1.5**	**n/a**	**2/24/2025**	**3.5**	**Yes**	**23**	**n/a**	**n/a**	**69.57**	**n/a**	**n/a**	**0.003415**	**NP Intra (NDs) 1 of 2**

Appendix III Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 6/19/2025, 9:16 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Sulfate (mg/L)	GWC-8A	52.2	n/a	2/24/2025	21	No	23	26.37	10.83	0	None	No	0.0004426	Param Intra 1 of 2
Sulfate (mg/L)	**GWC-9**	**18.9**	**n/a**	**2/24/2025**	**19**	**Yes**	**19**	**3.156**	**0.4807**	**0**	**None**	**sqrt(x)**	**0.0004426**	**Param Intra 1 of 2**
Sulfate (mg/L)	GWC-10	6.536	n/a	2/24/2025	4.3	No	26	1.372	0.5072	11.54	None	sqrt(x)	0.0004426	Param Intra 1 of 2
Sulfate (mg/L)	GWC-11	1	n/a	2/24/2025	1ND	No	23	n/a	n/a	86.96	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-12	1.3	n/a	2/24/2025	1ND	No	23	n/a	n/a	73.91	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-13	1.452	n/a	2/24/2025	0.41J	No	22	0.849	0.2507	50	Kaplan-Meier	No	0.0004426	Param Intra 1 of 2
Sulfate (mg/L)	GWC-14	1.2	n/a	2/25/2025	1ND	No	23	n/a	n/a	78.26	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-18	1.8	n/a	2/25/2025	1ND	No	23	n/a	n/a	73.91	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-19	1.9	n/a	2/25/2025	1ND	No	23	n/a	n/a	78.26	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-20	1.4	n/a	2/25/2025	1ND	No	23	n/a	n/a	73.91	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
TDS (mg/L)	GWA-15	83.74	n/a	2/25/2025	52	No	23	41.78	17.59	8.696	None	No	0.0004426	Param Intra 1 of 2
TDS (mg/L)	GWA-16	146.4	n/a	2/25/2025	110	No	23	98.43	20.08	0	None	No	0.0004426	Param Intra 1 of 2
TDS (mg/L)	GWA-17	130	n/a	2/26/2025	81	No	23	73.87	23.54	0	None	No	0.0004426	Param Intra 1 of 2
TDS (mg/L)	GWC-1	169.9	n/a	2/25/2025	150	No	23	135.1	14.61	0	None	No	0.0004426	Param Intra 1 of 2
TDS (mg/L)	GWC-2	173.5	n/a	2/25/2025	130	No	23	15773	6005	0	None	x^2	0.0004426	Param Intra 1 of 2
TDS (mg/L)	**GWC-3**	**116.7**	**n/a**	**2/25/2025**	**130**	**Yes**	**23**	**81.7**	**14.66**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
TDS (mg/L)	**GWC-4**	**178.1**	**n/a**	**2/25/2025**	**350**	**Yes**	**19**	**123.4**	**22.1**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
TDS (mg/L)	GWC-5	487.4	n/a	2/25/2025	200	No	11	280.9	70.21	0	None	No	0.0004426	Param Intra 1 of 2
TDS (mg/L)	GWC-6	183.3	n/a	2/24/2025	160	No	23	145.7	15.73	0	None	No	0.0004426	Param Intra 1 of 2
TDS (mg/L)	GWC-7	159.4	n/a	2/24/2025	150	No	23	122	15.66	0	None	No	0.0004426	Param Intra 1 of 2
TDS (mg/L)	GWC-8A	393.1	n/a	2/24/2025	260	No	22	241.8	62.89	0	None	No	0.0004426	Param Intra 1 of 2
TDS (mg/L)	GWC-9	199.9	n/a	2/24/2025	180	No	23	21860	7584	0	None	x^2	0.0004426	Param Intra 1 of 2
TDS (mg/L)	GWC-10	183.6	n/a	2/24/2025	150	No	22	135.8	19.89	0	None	No	0.0004426	Param Intra 1 of 2
TDS (mg/L)	GWC-11	140.3	n/a	2/24/2025	110	No	22	101.4	16.17	0	None	No	0.0004426	Param Intra 1 of 2
TDS (mg/L)	GWC-12	80.53	n/a	2/24/2025	31	No	23	2.578	0.7293	17.39	Kaplan-Meier	x^(1/3)	0.0004426	Param Intra 1 of 2
TDS (mg/L)	GWC-13	112.5	n/a	2/24/2025	86	No	22	63.45	20.4	0	None	No	0.0004426	Param Intra 1 of 2
TDS (mg/L)	GWC-14	99.68	n/a	2/25/2025	66	No	23	58.17	17.4	0	None	No	0.0004426	Param Intra 1 of 2
TDS (mg/L)	GWC-18	126.9	n/a	2/25/2025	99	No	23	87.43	16.53	0	None	No	0.0004426	Param Intra 1 of 2
TDS (mg/L)	GWC-19	175	n/a	2/25/2025	140	No	23	103.7	29.86	0	None	No	0.0004426	Param Intra 1 of 2
TDS (mg/L)	GWC-20	150.8	n/a	2/25/2025	110	No	23	109.7	17.22	0	None	No	0.0004426	Param Intra 1 of 2

Appendix I Interwell Prediction Limits - Two-Step - Significant Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 6/18/2025, 4:31 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Barium (mg/L)	**GWC-4**	**0.051**	**n/a**	**2/25/2025**	**0.15**	**Yes**	**114**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0001512**	**NP Inter (normality) 1 of 2**
Barium (mg/L)	**GWC-6**	**0.051**	**n/a**	**2/24/2025**	**0.07**	**Yes**	**114**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0001512**	**NP Inter (normality) 1 of 2**
Chromium (mg/L)	**GWC-7**	**0.012**	**n/a**	**2/24/2025**	**0.024**	**Yes**	**114**	**n/a**	**n/a**	**30.7**	**n/a**	**n/a**	**0.0001512**	**NP Inter (normality) 1 of 2**
Selenium (mg/L)	**GWC-4**	**0.005**	**n/a**	**2/25/2025**	**0.0076**	**Yes**	**114**	**n/a**	**n/a**	**94.74**	**n/a**	**n/a**	**0.0001512**	**NP Inter (NDs) 1 of 2**

Appendix I Interwell Prediction Limits - Two-Step - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 6/18/2025, 4:31 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Barium (mg/L)	**GWC-4**	**0.051**	**n/a**	**2/25/2025**	**0.15**	**Yes**	**114**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0001512**	**NP Inter (normality) 1 of 2**
Barium (mg/L)	**GWC-6**	**0.051**	**n/a**	**2/24/2025**	**0.07**	**Yes**	**114**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0001512**	**NP Inter (normality) 1 of 2**
Barium (mg/L)	GWC-19	0.051	n/a	2/25/2025	0.033	No	114	n/a	n/a	0	n/a	n/a	0.0001512	NP Inter (normality) 1 of 2
Barium (mg/L)	GWC-20	0.051	n/a	2/25/2025	0.038	No	114	n/a	n/a	0	n/a	n/a	0.0001512	NP Inter (normality) 1 of 2
Chromium (mg/L)	**GWC-7**	**0.012**	**n/a**	**2/24/2025**	**0.024**	**Yes**	**114**	**n/a**	**n/a**	**30.7**	**n/a**	**n/a**	**0.0001512**	**NP Inter (normality) 1 of 2**
Selenium (mg/L)	**GWC-4**	**0.005**	**n/a**	**2/25/2025**	**0.0076**	**Yes**	**114**	**n/a**	**n/a**	**94.74**	**n/a**	**n/a**	**0.0001512**	**NP Inter (NDs) 1 of 2**

Appendix III Interwell Prediction Limits - Two-Step - Significant Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 8/12/2025, 1:22 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Calcium (mg/L)	GWC-4	15	n/a	2/25/2025	46	Yes	72	n/a	n/a	0	n/a	n/a	0.0003627	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-6	15	n/a	2/24/2025	23	Yes	72	n/a	n/a	0	n/a	n/a	0.0003627	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-7	15	n/a	2/24/2025	19	Yes	72	n/a	n/a	0	n/a	n/a	0.0003627	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-9	15	n/a	2/24/2025	34	Yes	72	n/a	n/a	0	n/a	n/a	0.0003627	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-19	15	n/a	2/25/2025	18	Yes	72	n/a	n/a	0	n/a	n/a	0.0003627	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-20	15	n/a	2/25/2025	18	Yes	72	n/a	n/a	0	n/a	n/a	0.0003627	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-4	7.2	n/a	2/25/2025	28	Yes	72	n/a	n/a	0	n/a	n/a	0.0003627	NP Inter (normality) 1 of 2
pH, Field (SU)	GWC-9	6.76	4.81	2/24/2025	7.14	Yes	115	n/a	n/a	0	n/a	n/a	0.0002967	NP Inter (normality) 1 of 2
Sulfate (mg/L)	GWC-3	3.6	n/a	2/25/2025	20	Yes	72	n/a	n/a	63.89	n/a	n/a	0.0003627	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	GWC-4	3.6	n/a	2/25/2025	150	Yes	72	n/a	n/a	63.89	n/a	n/a	0.0003627	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	GWC-6	3.6	n/a	2/24/2025	30	Yes	72	n/a	n/a	63.89	n/a	n/a	0.0003627	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	GWC-9	3.6	n/a	2/24/2025	19	Yes	72	n/a	n/a	63.89	n/a	n/a	0.0003627	NP Inter (NDs) 1 of 2
TDS (mg/L)	GWC-4	136.9	n/a	2/25/2025	350	Yes	72	71.76	30.7	2.778	None	No	0.0004426	Param Inter 1 of 2

Appendix III Interwell Prediction Limits - Two-Step - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 8/12/2025, 1:22 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Calcium (mg/L)	GWC-3	15	n/a	2/25/2025	11	No	72	n/a	n/a	0	n/a	n/a	0.0003627	NP Inter (normality) 1 of 2
Calcium (mg/L)	**GWC-4**	**15**	**n/a**	**2/25/2025**	**46**	**Yes**	**72**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0003627**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	**GWC-6**	**15**	**n/a**	**2/24/2025**	**23**	**Yes**	**72**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0003627**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	**GWC-7**	**15**	**n/a**	**2/24/2025**	**19**	**Yes**	**72**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0003627**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	**GWC-9**	**15**	**n/a**	**2/24/2025**	**34**	**Yes**	**72**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0003627**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	GWC-12	15	n/a	2/24/2025	1.7	No	72	n/a	n/a	0	n/a	n/a	0.0003627	NP Inter (normality) 1 of 2
Calcium (mg/L)	**GWC-19**	**15**	**n/a**	**2/25/2025**	**18**	**Yes**	**72**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0003627**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	**GWC-20**	**15**	**n/a**	**2/25/2025**	**18**	**Yes**	**72**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0003627**	**NP Inter (normality) 1 of 2**
Chloride (mg/L)	**GWC-4**	**7.2**	**n/a**	**2/25/2025**	**28**	**Yes**	**72**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0003627**	**NP Inter (normality) 1 of 2**
Chloride (mg/L)	GWC-7	7.2	n/a	2/24/2025	6.5	No	72	n/a	n/a	0	n/a	n/a	0.0003627	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-9	7.2	n/a	2/24/2025	6.3	No	72	n/a	n/a	0	n/a	n/a	0.0003627	NP Inter (normality) 1 of 2
pH, Field (SU)	GWC-6	6.76	4.81	2/24/2025	6.5	No	115	n/a	n/a	0	n/a	n/a	0.0002967	NP Inter (normality) 1 of 2
pH, Field (SU)	GWC-7	6.76	4.81	2/24/2025	6.67	No	115	n/a	n/a	0	n/a	n/a	0.0002967	NP Inter (normality) 1 of 2
pH, Field (SU)	**GWC-9**	**6.76**	**4.81**	**2/24/2025**	**7.14**	**Yes**	**115**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0002967**	**NP Inter (normality) 1 of 2**
pH, Field (SU)	GWC-18	6.76	4.81	2/25/2025	6.69	No	115	n/a	n/a	0	n/a	n/a	0.0002967	NP Inter (normality) 1 of 2
Sulfate (mg/L)	**GWC-3**	**3.6**	**n/a**	**2/25/2025**	**20**	**Yes**	**72**	**n/a**	**n/a**	**63.89**	**n/a**	**n/a**	**0.0003627**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**GWC-4**	**3.6**	**n/a**	**2/25/2025**	**150**	**Yes**	**72**	**n/a**	**n/a**	**63.89**	**n/a**	**n/a**	**0.0003627**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**GWC-6**	**3.6**	**n/a**	**2/24/2025**	**30**	**Yes**	**72**	**n/a**	**n/a**	**63.89**	**n/a**	**n/a**	**0.0003627**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	GWC-7	3.6	n/a	2/24/2025	3.5	No	72	n/a	n/a	63.89	n/a	n/a	0.0003627	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	**GWC-9**	**3.6**	**n/a**	**2/24/2025**	**19**	**Yes**	**72**	**n/a**	**n/a**	**63.89**	**n/a**	**n/a**	**0.0003627**	**NP Inter (NDs) 1 of 2**
TDS (mg/L)	GWC-3	136.9	n/a	2/25/2025	130	No	72	71.76	30.7	2.778	None	No	0.0004426	Param Inter 1 of 2
TDS (mg/L)	**GWC-4**	**136.9**	**n/a**	**2/25/2025**	**350**	**Yes**	**72**	**71.76**	**30.7**	**2.778**	**None**	**No**	**0.0004426**	**Param Inter 1 of 2**

Appendix I Interwell Prediction Limits - All Results (No Significant)

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 6/18/2025, 4:33 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Arsenic (mg/L)	GWC-1	0.001	n/a	2/25/2025	0.001ND	No	114	n/a	n/a	96.49	n/a	n/a	0.0001512	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GWC-2	0.001	n/a	2/25/2025	0.001ND	No	114	n/a	n/a	96.49	n/a	n/a	0.0001512	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GWC-3	0.001	n/a	2/25/2025	0.001ND	No	114	n/a	n/a	96.49	n/a	n/a	0.0001512	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GWC-4	0.001	n/a	2/25/2025	0.001ND	No	114	n/a	n/a	96.49	n/a	n/a	0.0001512	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GWC-5	0.001	n/a	2/25/2025	0.001ND	No	114	n/a	n/a	96.49	n/a	n/a	0.0001512	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GWC-6	0.001	n/a	2/24/2025	0.001ND	No	114	n/a	n/a	96.49	n/a	n/a	0.0001512	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GWC-7	0.001	n/a	2/24/2025	0.001ND	No	114	n/a	n/a	96.49	n/a	n/a	0.0001512	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GWC-8A	0.001	n/a	2/24/2025	0.001ND	No	114	n/a	n/a	96.49	n/a	n/a	0.0001512	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GWC-9	0.001	n/a	2/24/2025	0.001ND	No	114	n/a	n/a	96.49	n/a	n/a	0.0001512	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GWC-10	0.001	n/a	2/24/2025	0.001ND	No	114	n/a	n/a	96.49	n/a	n/a	0.0001512	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GWC-11	0.001	n/a	2/24/2025	0.001ND	No	114	n/a	n/a	96.49	n/a	n/a	0.0001512	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GWC-12	0.001	n/a	2/24/2025	0.001ND	No	114	n/a	n/a	96.49	n/a	n/a	0.0001512	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GWC-13	0.001	n/a	2/24/2025	0.001ND	No	114	n/a	n/a	96.49	n/a	n/a	0.0001512	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GWC-14	0.001	n/a	2/25/2025	0.001ND	No	114	n/a	n/a	96.49	n/a	n/a	0.0001512	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GWC-18	0.001	n/a	2/25/2025	0.001ND	No	114	n/a	n/a	96.49	n/a	n/a	0.0001512	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GWC-19	0.001	n/a	2/25/2025	0.001ND	No	114	n/a	n/a	96.49	n/a	n/a	0.0001512	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GWC-20	0.001	n/a	2/25/2025	0.001ND	No	114	n/a	n/a	96.49	n/a	n/a	0.0001512	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-1	0.001	n/a	2/25/2025	0.001ND	No	99	n/a	n/a	100	n/a	n/a	0.0001956	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-2	0.001	n/a	2/25/2025	0.001ND	No	99	n/a	n/a	100	n/a	n/a	0.0001956	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-3	0.001	n/a	2/25/2025	0.001ND	No	99	n/a	n/a	100	n/a	n/a	0.0001956	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-4	0.001	n/a	2/25/2025	0.001ND	No	99	n/a	n/a	100	n/a	n/a	0.0001956	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-5	0.001	n/a	2/25/2025	0.001ND	No	99	n/a	n/a	100	n/a	n/a	0.0001956	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-6	0.001	n/a	2/24/2025	0.001ND	No	99	n/a	n/a	100	n/a	n/a	0.0001956	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-7	0.001	n/a	2/24/2025	0.001ND	No	99	n/a	n/a	100	n/a	n/a	0.0001956	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-8A	0.001	n/a	2/24/2025	0.001ND	No	99	n/a	n/a	100	n/a	n/a	0.0001956	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-9	0.001	n/a	2/24/2025	0.001ND	No	99	n/a	n/a	100	n/a	n/a	0.0001956	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-10	0.001	n/a	2/24/2025	0.001ND	No	99	n/a	n/a	100	n/a	n/a	0.0001956	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-11	0.001	n/a	2/24/2025	0.001ND	No	99	n/a	n/a	100	n/a	n/a	0.0001956	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-12	0.001	n/a	2/24/2025	0.001ND	No	99	n/a	n/a	100	n/a	n/a	0.0001956	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-13	0.001	n/a	2/24/2025	0.001ND	No	99	n/a	n/a	100	n/a	n/a	0.0001956	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-14	0.001	n/a	2/25/2025	0.001ND	No	99	n/a	n/a	100	n/a	n/a	0.0001956	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-18	0.001	n/a	2/25/2025	0.001ND	No	99	n/a	n/a	100	n/a	n/a	0.0001956	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-19	0.001	n/a	2/25/2025	0.001ND	No	99	n/a	n/a	100	n/a	n/a	0.0001956	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-20	0.001	n/a	2/25/2025	0.001ND	No	99	n/a	n/a	100	n/a	n/a	0.0001956	NP Inter (NDs) 1 of 2

Appendix I & III Trend Tests - Significant Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 8/12/2025, 1:26 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
Barium (mg/L)	GWA-17 (bg)	-0.0006179	-249	-206	Yes	38	0	n/a	0.01	NP
Barium (mg/L)	GWC-4	0.00244	557	214	Yes	39	0	n/a	0.01	NP
Barium (mg/L)	GWC-19	0.001106	433	206	Yes	38	0	n/a	0.01	NP
Calcium (mg/L)	GWA-17 (bg)	0.2764	156	105	Yes	24	0	n/a	0.01	NP
Calcium (mg/L)	GWC-4	1.906	223	111	Yes	25	0	n/a	0.01	NP
Calcium (mg/L)	GWC-7	0.3603	162	111	Yes	25	0	n/a	0.01	NP
Calcium (mg/L)	GWC-19	1.169	246	118	Yes	26	0	n/a	0.01	NP
Calcium (mg/L)	GWC-20	0.3925	121	105	Yes	24	0	n/a	0.01	NP
Chloride (mg/L)	GWA-15 (bg)	0.1133	117	105	Yes	24	0	n/a	0.01	NP
Chloride (mg/L)	GWA-17 (bg)	-0.03414	-126	-105	Yes	24	0	n/a	0.01	NP
Chloride (mg/L)	GWC-4	2.078	251	118	Yes	26	0	n/a	0.01	NP
Chloride (mg/L)	GWC-7	0.2885	184	105	Yes	24	0	n/a	0.01	NP
Chromium (mg/L)	GWA-16 (bg)	0.0001503	240	206	Yes	38	0	n/a	0.01	NP
Chromium (mg/L)	GWA-17 (bg)	0.0002086	309	206	Yes	38	0	n/a	0.01	NP
pH, Field (SU)	GWA-17 (bg)	0.04103	401	206	Yes	38	0	n/a	0.01	NP
pH, Field (SU)	GWC-18	0.01748	273	214	Yes	39	0	n/a	0.01	NP
Sulfate (mg/L)	GWA-15 (bg)	0.2033	162	105	Yes	24	29.17	n/a	0.01	NP
Sulfate (mg/L)	GWC-3	0.3472	146	131	Yes	28	39.29	n/a	0.01	NP
Sulfate (mg/L)	GWC-4	4.944	196	118	Yes	26	0	n/a	0.01	NP
TDS (mg/L)	GWC-4	17.7	218	111	Yes	25	0	n/a	0.01	NP
Vanadium (mg/L)	GWA-16 (bg)	0.0002041	214	167	Yes	33	3.03	n/a	0.01	NP
Vanadium (mg/L)	GWA-17 (bg)	0.0001613	231	167	Yes	33	12.12	n/a	0.01	NP

Appendix I & III Trend Tests - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 8/12/2025, 1:26 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
Barium (mg/L)	GWA-15 (bg)	0.00002022	119	206	No	38	0	n/a	0.01	NP
Barium (mg/L)	GWA-16 (bg)	-0.0001203	-105	-206	No	38	0	n/a	0.01	NP
Barium (mg/L)	**GWA-17 (bg)**	**-0.0006179**	**-249**	**-206**	**Yes**	**38**	**0**	**n/a**	**0.01**	**NP**
Barium (mg/L)	**GWC-4**	**0.00244**	**557**	**214**	**Yes**	**39**	**0**	**n/a**	**0.01**	**NP**
Barium (mg/L)	GWC-6	0.0002986	116	206	No	38	0	n/a	0.01	NP
Barium (mg/L)	**GWC-19**	**0.001106**	**433**	**206**	**Yes**	**38**	**0**	**n/a**	**0.01**	**NP**
Barium (mg/L)	GWC-20	0.0002056	131	206	No	38	0	n/a	0.01	NP
Calcium (mg/L)	GWA-15 (bg)	0	9	105	No	24	0	n/a	0.01	NP
Calcium (mg/L)	GWA-16 (bg)	0.1898	79	105	No	24	0	n/a	0.01	NP
Calcium (mg/L)	**GWA-17 (bg)**	**0.2764**	**156**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	GWC-3	-0.2115	-47	-105	No	24	0	n/a	0.01	NP
Calcium (mg/L)	**GWC-4**	**1.906**	**223**	**111**	**Yes**	**25**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	GWC-6	-0.2422	-65	-111	No	25	0	n/a	0.01	NP
Calcium (mg/L)	**GWC-7**	**0.3603**	**162**	**111**	**Yes**	**25**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	GWC-9	0.4288	116	118	No	26	0	n/a	0.01	NP
Calcium (mg/L)	GWC-12	0.01692	55	105	No	24	0	n/a	0.01	NP
Calcium (mg/L)	**GWC-19**	**1.169**	**246**	**118**	**Yes**	**26**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**GWC-20**	**0.3925**	**121**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**GWA-15 (bg)**	**0.1133**	**117**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	GWA-16 (bg)	0	-43	-105	No	24	0	n/a	0.01	NP
Chloride (mg/L)	**GWA-17 (bg)**	**-0.03414**	**-126**	**-105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**GWC-4**	**2.078**	**251**	**118**	**Yes**	**26**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**GWC-7**	**0.2885**	**184**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	GWC-9	0.1206	95	105	No	24	0	n/a	0.01	NP
Chromium (mg/L)	GWA-15 (bg)	0	2	206	No	38	92.11	n/a	0.01	NP
Chromium (mg/L)	**GWA-16 (bg)**	**0.0001503**	**240**	**206**	**Yes**	**38**	**0**	**n/a**	**0.01**	**NP**
Chromium (mg/L)	**GWA-17 (bg)**	**0.0002086**	**309**	**206**	**Yes**	**38**	**0**	**n/a**	**0.01**	**NP**
Chromium (mg/L)	GWC-7	0.00003191	45	214	No	39	0	n/a	0.01	NP
pH, Field (SU)	GWA-15 (bg)	-0.006807	-106	-214	No	39	0	n/a	0.01	NP
pH, Field (SU)	GWA-16 (bg)	0.01077	136	206	No	38	0	n/a	0.01	NP
pH, Field (SU)	**GWA-17 (bg)**	**0.04103**	**401**	**206**	**Yes**	**38**	**0**	**n/a**	**0.01**	**NP**
pH, Field (SU)	GWC-6	0.008611	1.768	2.58	No	41	0	n/a	0.01	NP
pH, Field (SU)	GWC-7	0.01046	155	223	No	40	0	n/a	0.01	NP
pH, Field (SU)	GWC-9	0.01219	153	223	No	40	0	n/a	0.01	NP
pH, Field (SU)	**GWC-18**	**0.01748**	**273**	**214**	**Yes**	**39**	**0**	**n/a**	**0.01**	**NP**
Selenium (mg/L)	GWA-15 (bg)	0	-3	-206	No	38	97.37	n/a	0.01	NP
Selenium (mg/L)	GWA-16 (bg)	0	8	206	No	38	92.11	n/a	0.01	NP
Selenium (mg/L)	GWA-17 (bg)	0	13	206	No	38	94.74	n/a	0.01	NP
Selenium (mg/L)	GWC-4	0	-140	-206	No	38	78.95	n/a	0.01	NP
Sulfate (mg/L)	**GWA-15 (bg)**	**0.2033**	**162**	**105**	**Yes**	**24**	**29.17**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	GWA-16 (bg)	0	16	105	No	24	83.33	n/a	0.01	NP
Sulfate (mg/L)	GWA-17 (bg)	0	31	105	No	24	79.17	n/a	0.01	NP
Sulfate (mg/L)	**GWC-3**	**0.3472**	**146**	**131**	**Yes**	**28**	**39.29**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**GWC-4**	**4.944**	**196**	**118**	**Yes**	**26**	**0**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	GWC-6	0.459	58	111	No	25	0	n/a	0.01	NP
Sulfate (mg/L)	GWC-7	0	89	105	No	24	66.67	n/a	0.01	NP
Sulfate (mg/L)	GWC-9	0.9337	102	111	No	25	0	n/a	0.01	NP
TDS (mg/L)	GWA-15 (bg)	1.809	78	105	No	24	8.333	n/a	0.01	NP
TDS (mg/L)	GWA-16 (bg)	1.73	40	105	No	24	0	n/a	0.01	NP
TDS (mg/L)	GWA-17 (bg)	3.043	90	105	No	24	0	n/a	0.01	NP
TDS (mg/L)	GWC-3	1.613	46	105	No	24	0	n/a	0.01	NP
TDS (mg/L)	**GWC-4**	**17.7**	**218**	**111**	**Yes**	**25**	**0**	**n/a**	**0.01**	**NP**
Vanadium (mg/L)	GWA-15 (bg)	0	-58	-167	No	33	78.79	n/a	0.01	NP
Vanadium (mg/L)	**GWA-16 (bg)**	**0.0002041**	**214**	**167**	**Yes**	**33**	**3.03**	**n/a**	**0.01**	**NP**
Vanadium (mg/L)	**GWA-17 (bg)**	**0.0001613**	**231**	**167**	**Yes**	**33**	**12.12**	**n/a**	**0.01**	**NP**

Appendix I Intrawell Prediction Limits - Resample - Significant Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 6/18/2025, 4:38 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Barium (mg/L)	**GWC-4**	**0.05318**	**n/a**	**4/22/2025**	**0.19**	**Yes**	**29**	**0.0383**	**0.005897**	**0**	**None**	**No**	**0.0001937**	**Param Intra 1 of 2**
Selenium (mg/L)	**GWC-4**	**0.005**	**n/a**	**4/22/2025**	**0.0091**	**Yes**	**37**	**n/a**	**n/a**	**81.08**	**n/a**	**n/a**	**0.001361**	**NP Intra (NDs) 1 of 2**

Appendix I Intrawell Prediction Limits - Resample - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 6/18/2025, 4:38 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Barium (mg/L)	**GWC-4**	**0.05318**	**n/a**	**4/22/2025**	**0.19**	**Yes**	**29**	**0.0383**	**0.005897**	**0**	**None**	**No**	**0.0001937**	**Param Intra 1 of 2**
Barium (mg/L)	GWC-6	0.06535	n/a	4/22/2025	0.065	No	37	0.05372	0.004755	0	None	No	0.0001937	Param Intra 1 of 2
Selenium (mg/L)	**GWC-4**	**0.005**	**n/a**	**4/22/2025**	**0.0091**	**Yes**	**37**	**n/a**	**n/a**	**81.08**	**n/a**	**n/a**	**0.001361**	**NP Intra (NDs) 1 of 2**

Appendix III Intrawell Prediction Limits - Resample - Significant Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 6/19/2025, 9:29 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Calcium (mg/L)	**GWC-4**	**17.6**	**n/a**	**4/22/2025**	**60**	**Yes**	**19**	**13**	**1.856**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
Calcium (mg/L)	**GWC-19**	**15.99**	**n/a**	**4/22/2025**	**20**	**Yes**	**15**	**11.46**	**1.718**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
Chloride (mg/L)	**GWC-4**	**16.42**	**n/a**	**4/22/2025**	**45**	**Yes**	**19**	**8.083**	**3.363**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
Sulfate (mg/L)	**GWC-3**	**1.1**	**n/a**	**4/23/2025**	**18**	**Yes**	**19**	**n/a**	**n/a**	**57.89**	**n/a**	**n/a**	**0.004832**	**NP Intra (NDs) 1 of 2**
Sulfate (mg/L)	**GWC-4**	**6.288**	**n/a**	**4/22/2025**	**180**	**Yes**	**15**	**2.937**	**1.27**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
Sulfate (mg/L)	**GWC-6**	**22.26**	**n/a**	**4/22/2025**	**38**	**Yes**	**24**	**3.352**	**0.5775**	**0**	**None**	**sqrt(x)**	**0.0004426**	**Param Intra 1 of 2**
TDS (mg/L)	**GWC-4**	**178.1**	**n/a**	**4/22/2025**	**470**	**Yes**	**19**	**123.4**	**22.1**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**

Appendix III Intrawell Prediction Limits - Resample - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 6/19/2025, 9:29 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NBg	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Calcium (mg/L)	**GWC-4**	**17.6**	**n/a**	**4/22/2025**	**60**	**Yes**	**19**	**13**	**1.856**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
Calcium (mg/L)	GWC-6	21.45	n/a	4/22/2025	21	No	24	17.3	1.753	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	**GWC-19**	**15.99**	**n/a**	**4/22/2025**	**20**	**Yes**	**15**	**11.46**	**1.718**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
Chloride (mg/L)	**GWC-4**	**16.42**	**n/a**	**4/22/2025**	**45**	**Yes**	**19**	**8.083**	**3.363**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
pH, Field (SU)	GWC-3	6.271	5.576	4/23/2025	5.88	No	42	7542	976.1	0	None	x^5	0.0002213	Param Intra 1 of 2
pH, Field (SU)	GWC-4	6.557	5.883	4/22/2025	6.18	No	43	60468	8638	0	None	x^6	0.0002213	Param Intra 1 of 2
pH, Field (SU)	GWC-6	6.48	5.5	4/22/2025	6.23	No	40	n/a	n/a	0	n/a	n/a	0.002317	NP Intra (normality) 1 of 2
pH, Field (SU)	GWC-9	6.82	5.97	4/22/2025	6.56	No	39	n/a	n/a	0	n/a	n/a	0.002453	NP Intra (normality) 1 of 2
pH, Field (SU)	GWC-19	6.79	5.87	4/22/2025	6.21	No	39	n/a	n/a	0	n/a	n/a	0.002453	NP Intra (normality) 1 of 2
Sulfate (mg/L)	**GWC-3**	**1.1**	**n/a**	**4/23/2025**	**18**	**Yes**	**19**	**n/a**	**n/a**	**57.89**	**n/a**	**n/a**	**0.004832**	**NP Intra (NDs) 1 of 2**
Sulfate (mg/L)	**GWC-4**	**6.288**	**n/a**	**4/22/2025**	**180**	**Yes**	**15**	**2.937**	**1.27**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
Sulfate (mg/L)	**GWC-6**	**22.26**	**n/a**	**4/22/2025**	**38**	**Yes**	**24**	**3.352**	**0.5775**	**0**	**None**	**sqrt(x)**	**0.0004426**	**Param Intra 1 of 2**
TDS (mg/L)	**GWC-4**	**178.1**	**n/a**	**4/22/2025**	**470**	**Yes**	**19**	**123.4**	**22.1**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**

Appendix I Interwell Prediction Limits - Two-Step Resample - All/Significant Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 6/18/2025, 4:40 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Barium (mg/L)	**GWC-4**	**0.051**	**n/a**	**4/22/2025**	**0.19**	**Yes**	**114**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0001512**	**NP Inter (normality) 1 of 2**
Selenium (mg/L)	**GWC-4**	**0.005**	**n/a**	**4/22/2025**	**0.0091**	**Yes**	**114**	**n/a**	**n/a**	**94.74**	**n/a**	**n/a**	**0.0001512**	**NP Inter (NDs) 1 of 2**

Appendix III Interwell Prediction Limits - Two-Step Resample - All/Significant Results

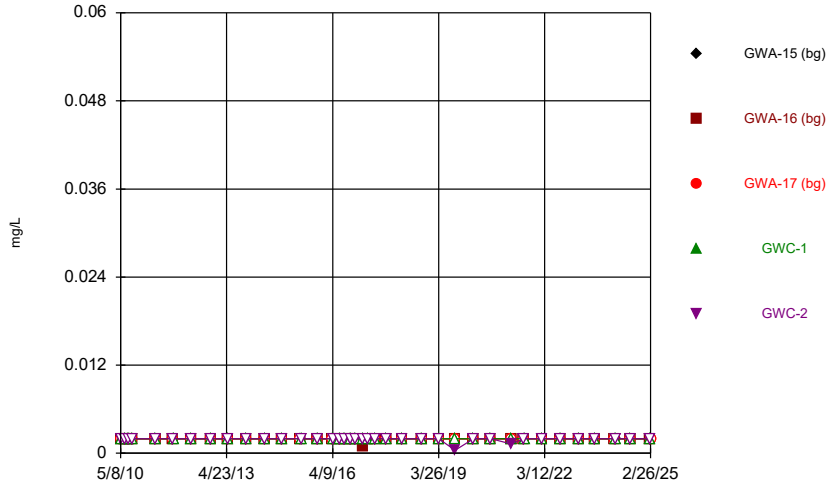
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Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Calcium (mg/L)	**GWC-4**	**15**	**n/a**	**4/22/2025**	**60**	**Yes**	**72**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0003627**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	**GWC-19**	**15**	**n/a**	**4/22/2025**	**20**	**Yes**	**72**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0003627**	**NP Inter (normality) 1 of 2**
Chloride (mg/L)	**GWC-4**	**7.2**	**n/a**	**4/22/2025**	**45**	**Yes**	**72**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0003627**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**GWC-3**	**3.6**	**n/a**	**4/23/2025**	**18**	**Yes**	**72**	**n/a**	**n/a**	**63.89**	**n/a**	**n/a**	**0.0003627**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**GWC-4**	**3.6**	**n/a**	**4/22/2025**	**180**	**Yes**	**72**	**n/a**	**n/a**	**63.89**	**n/a**	**n/a**	**0.0003627**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**GWC-6**	**3.6**	**n/a**	**4/22/2025**	**38**	**Yes**	**72**	**n/a**	**n/a**	**63.89**	**n/a**	**n/a**	**0.0003627**	**NP Inter (NDs) 1 of 2**
TDS (mg/L)	**GWC-4**	**136.9**	**n/a**	**4/22/2025**	**470**	**Yes**	**72**	**71.76**	**30.7**	**2.778**	**None**	**No**	**0.0004426**	**Param Inter 1 of 2**

FIGURE A.

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Hollow symbols indicate censored values.

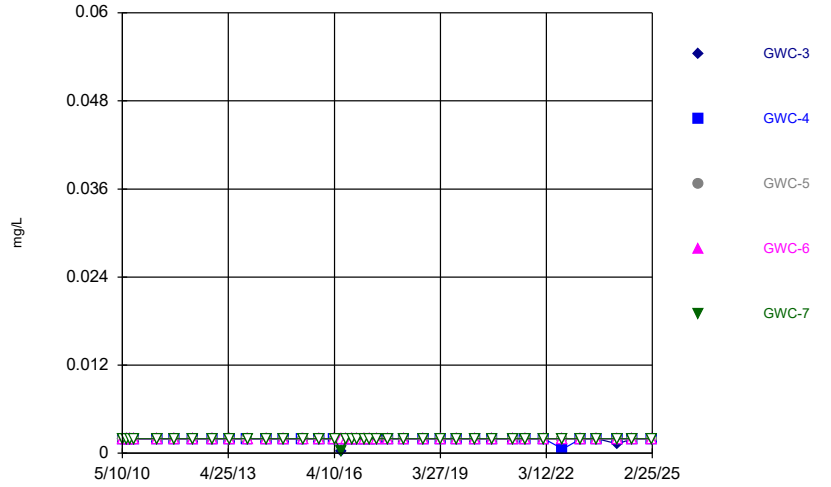
Time Series



Constituent: Antimony Analysis Run 6/18/2025 3:48 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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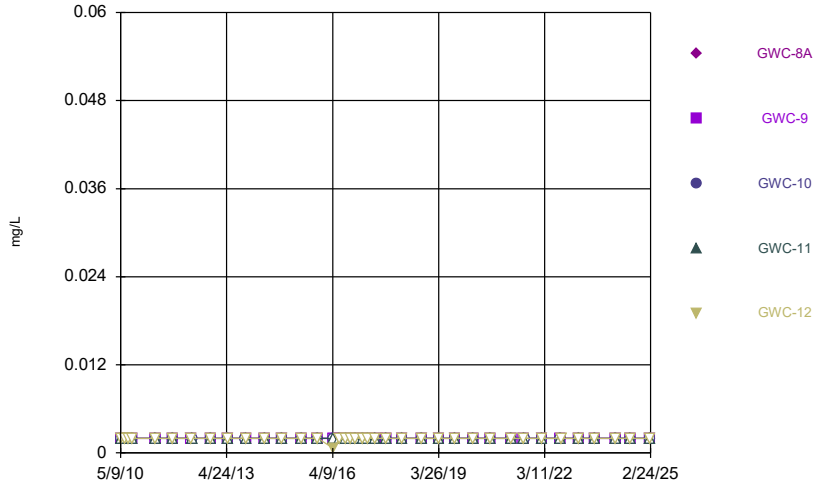
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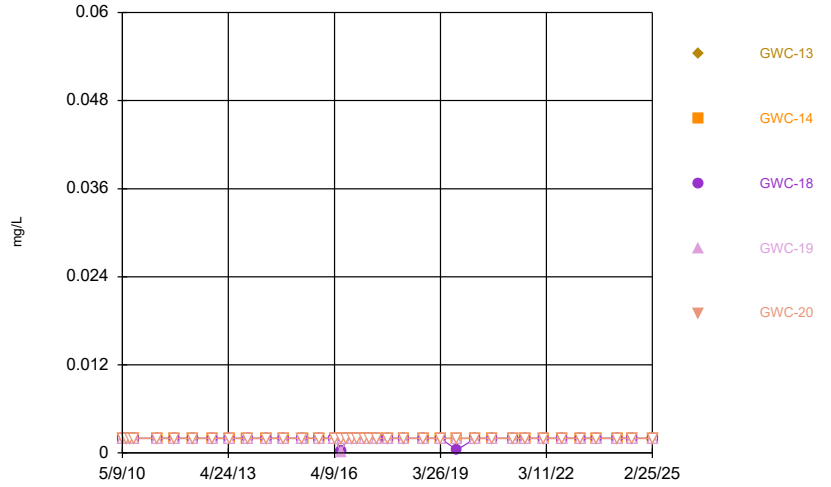
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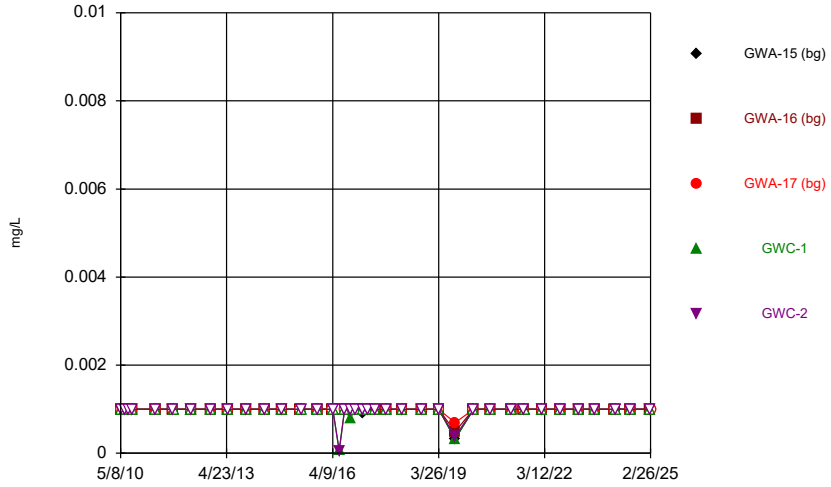
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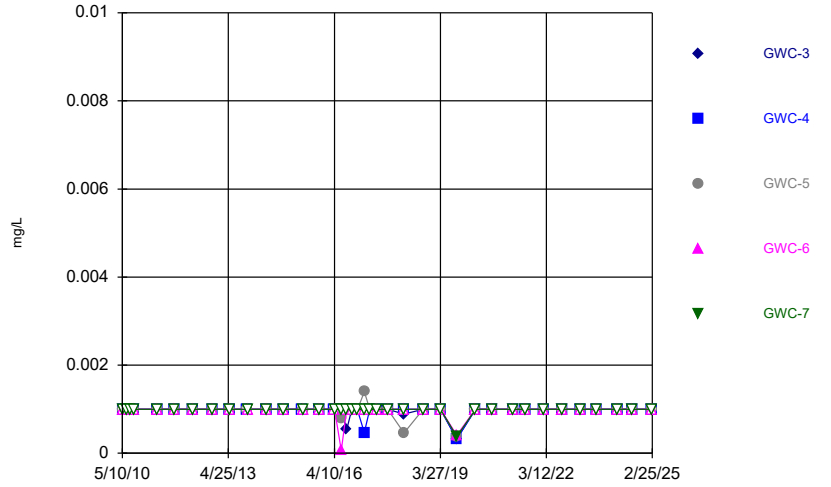
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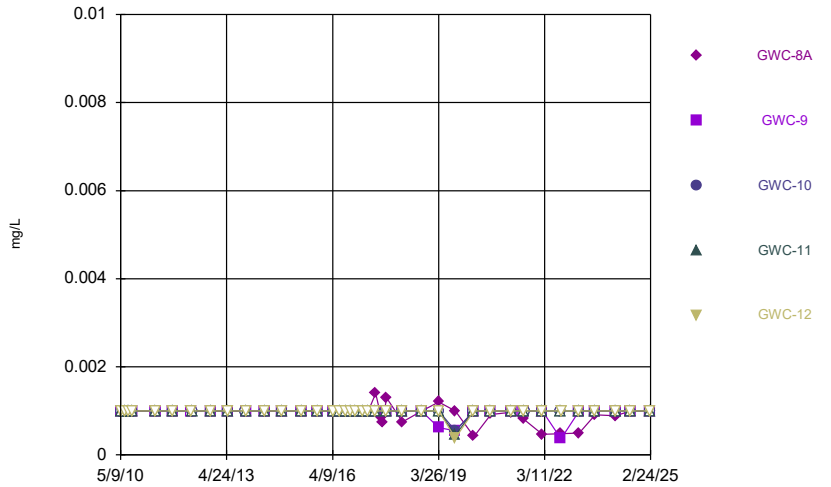
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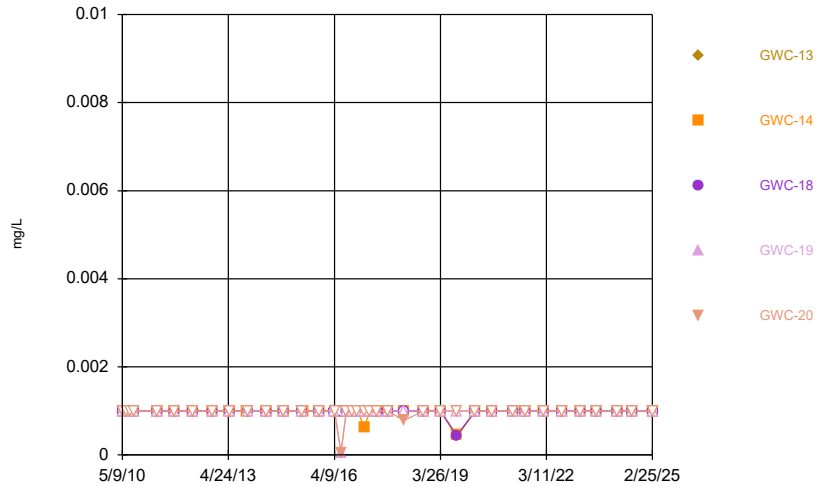
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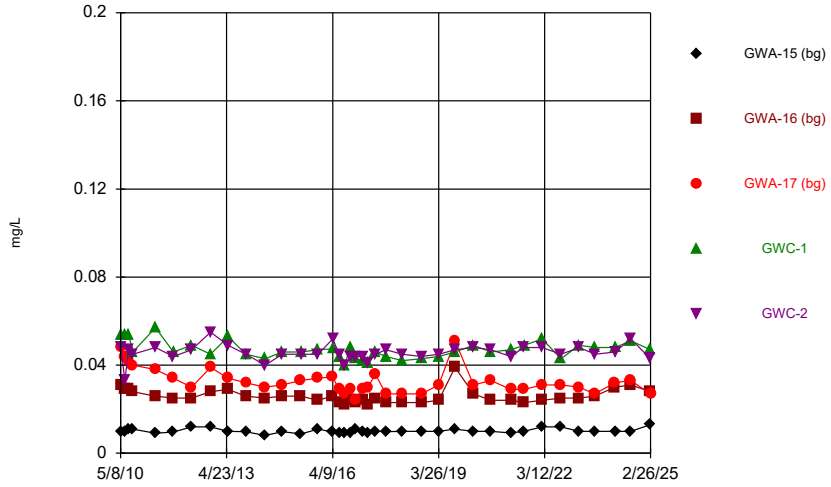
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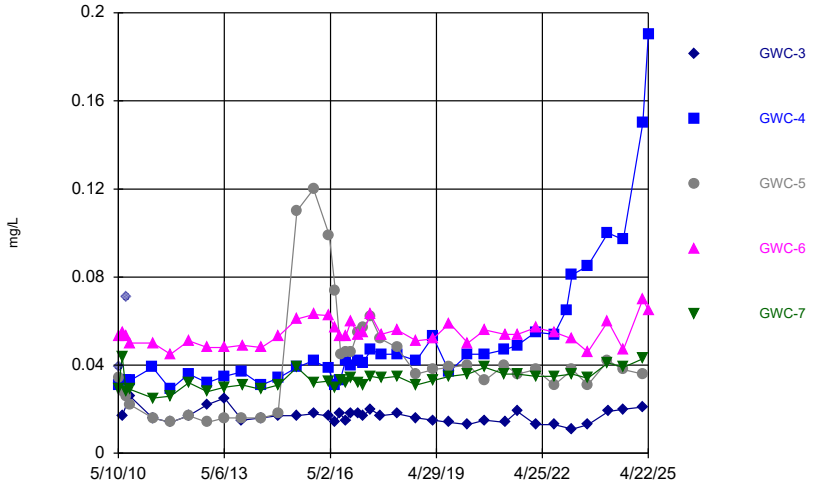
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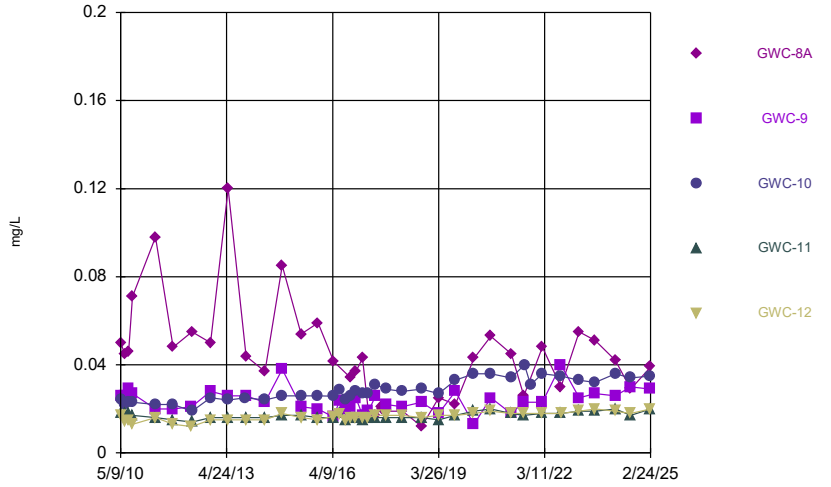
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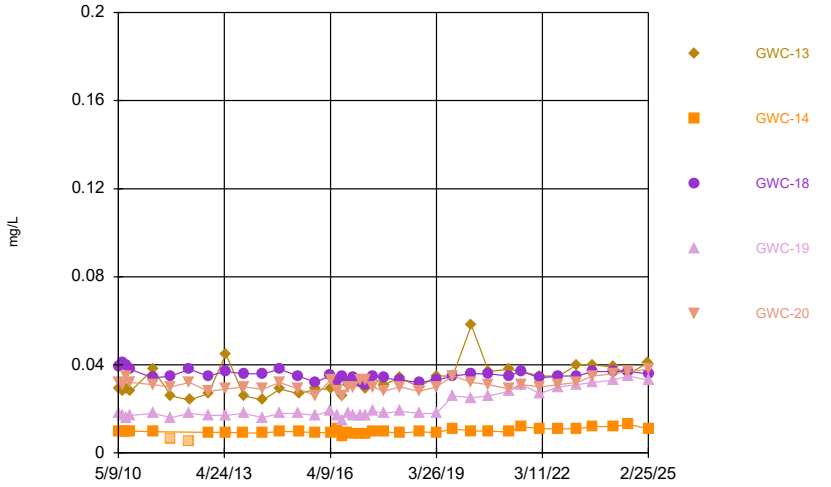
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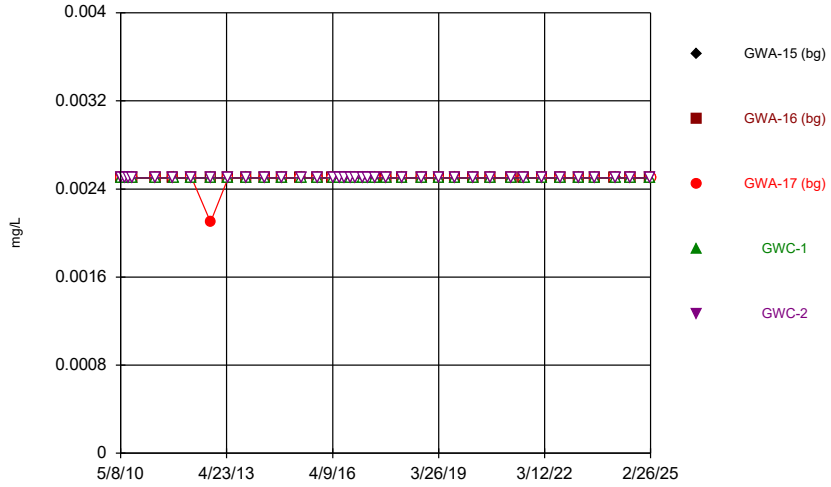
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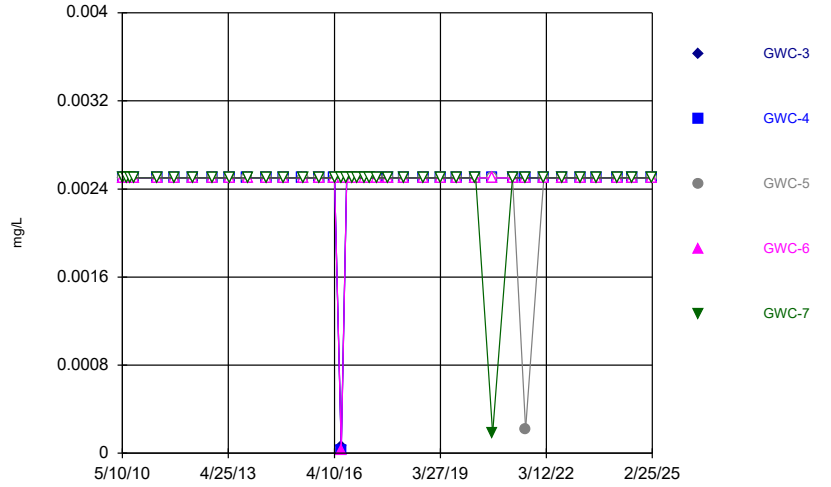
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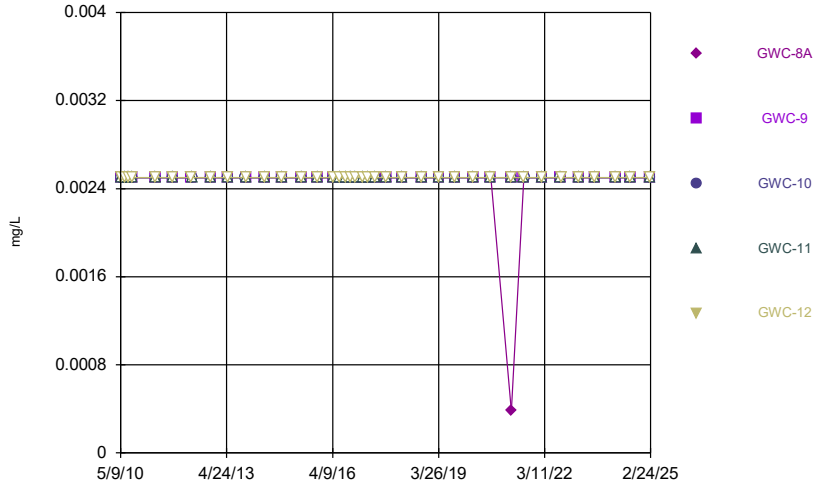
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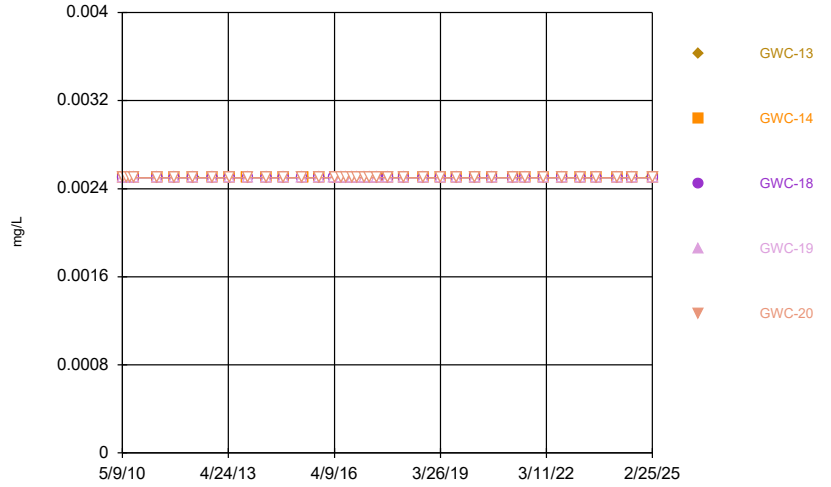
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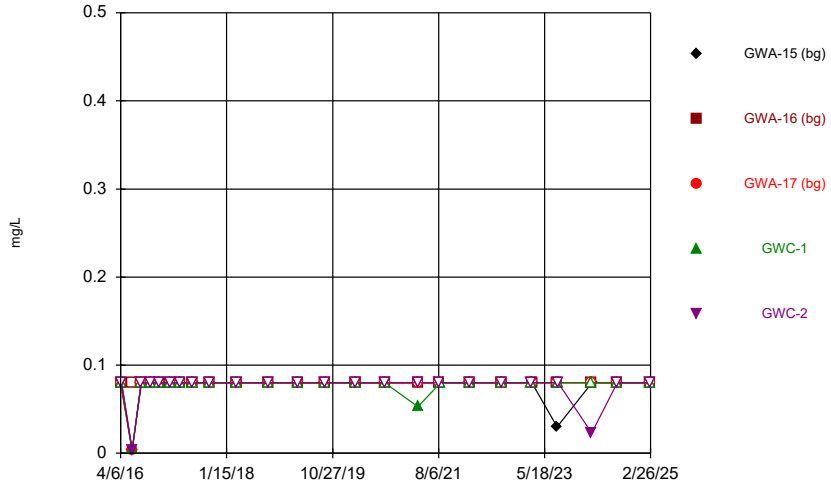
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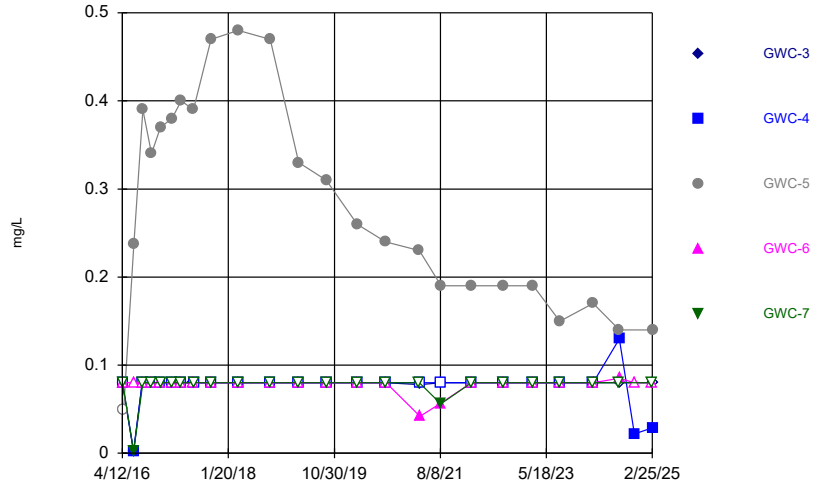
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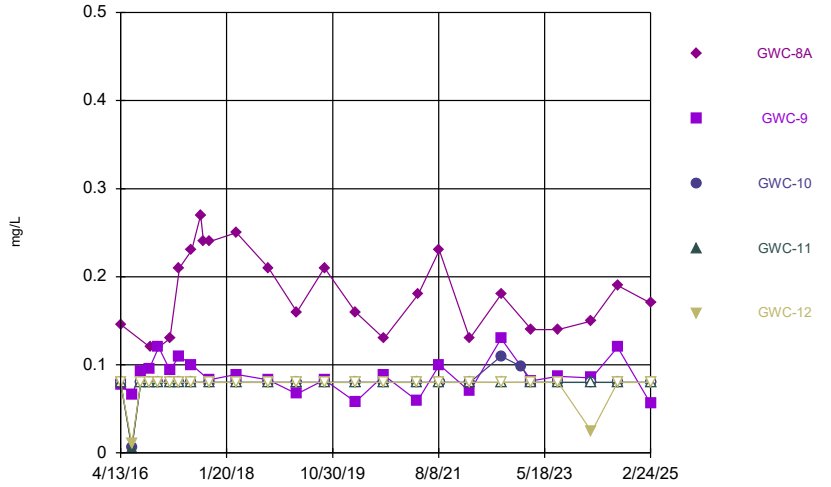
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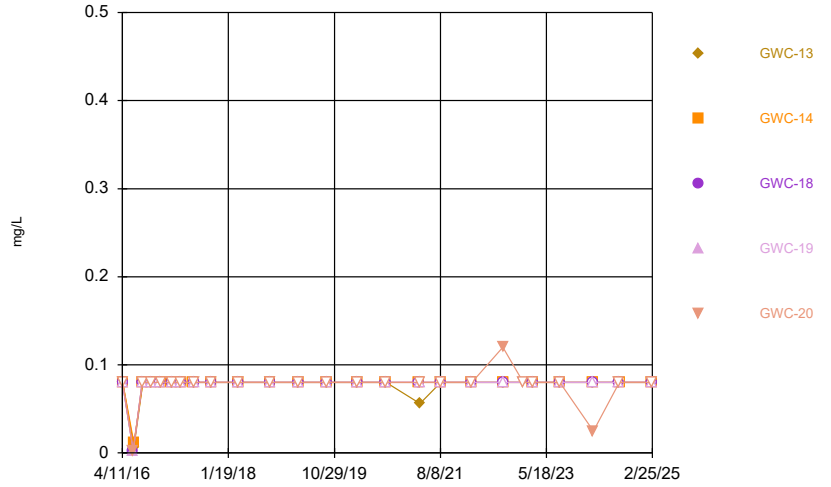
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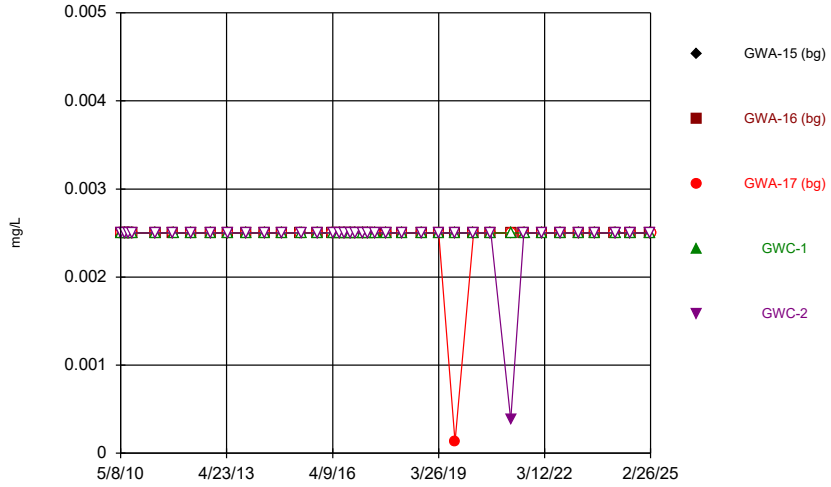
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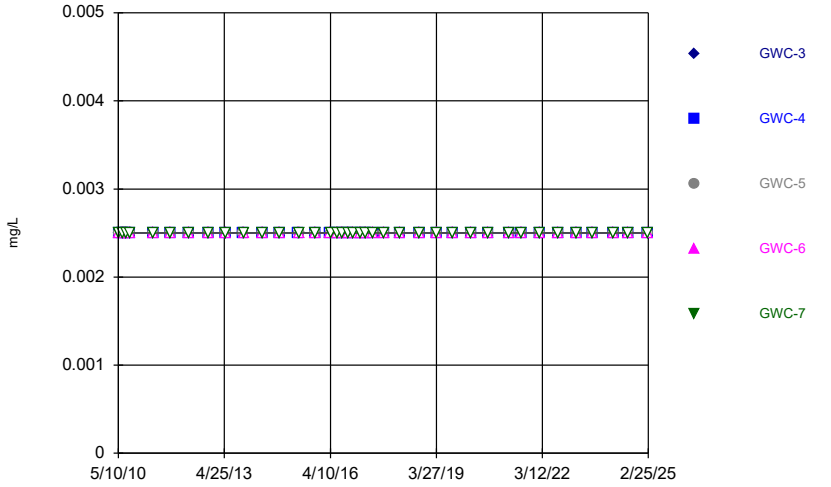
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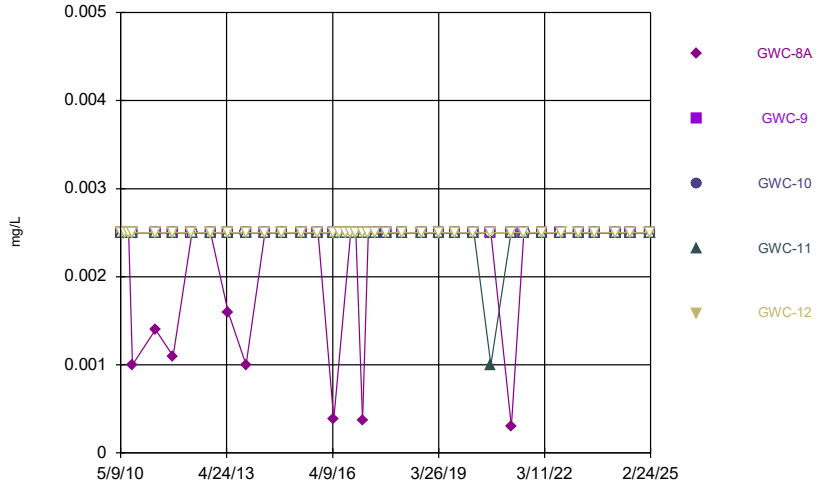
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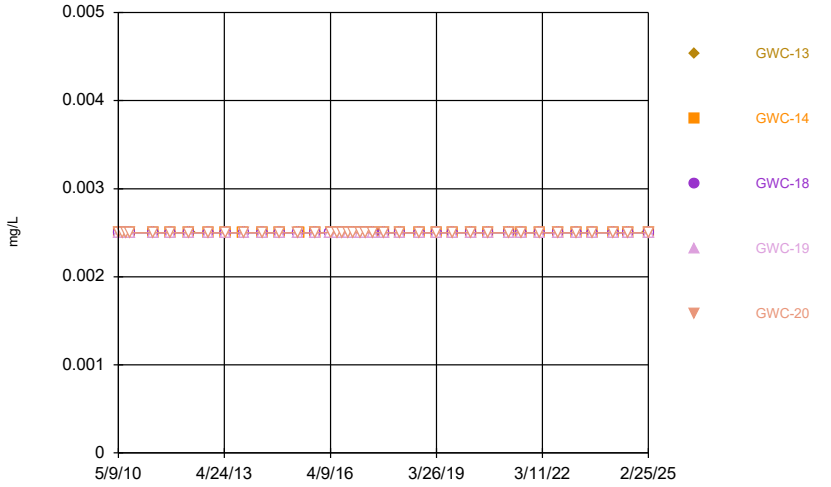
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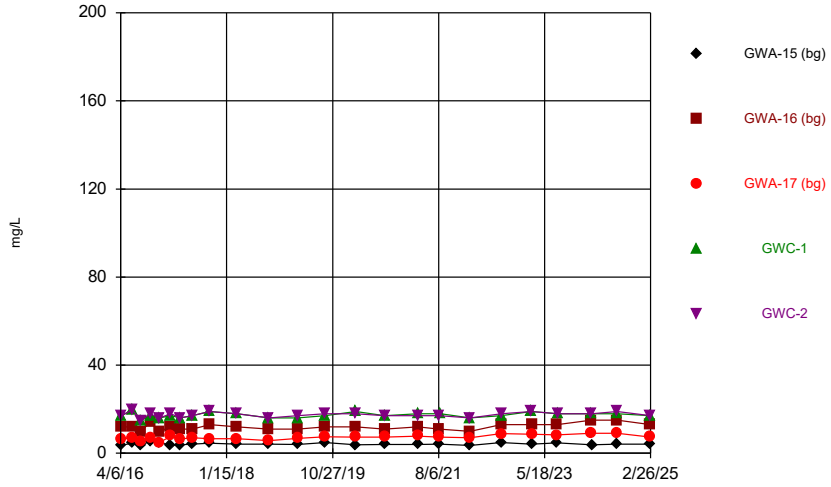
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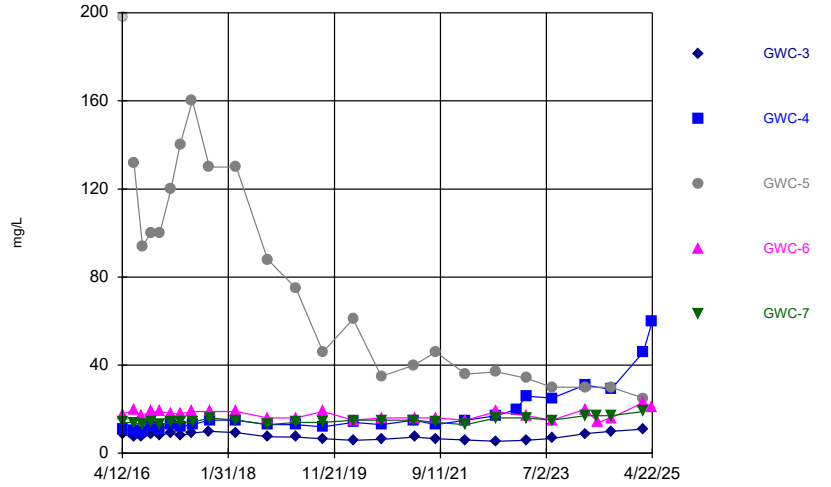
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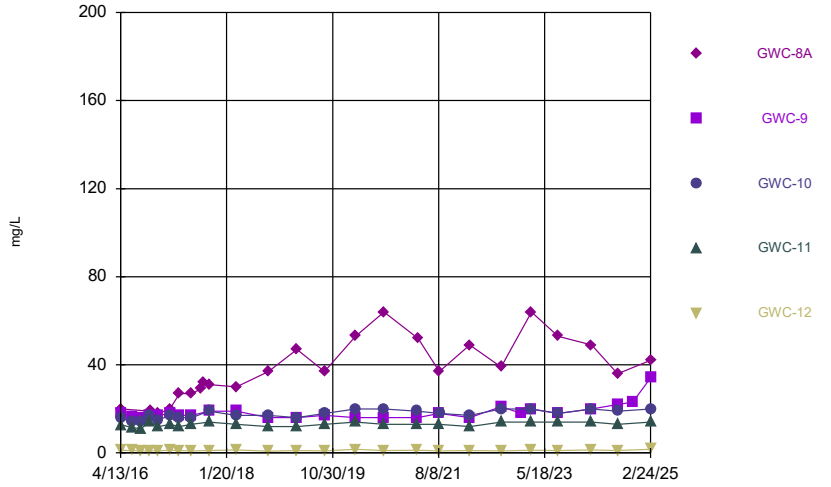
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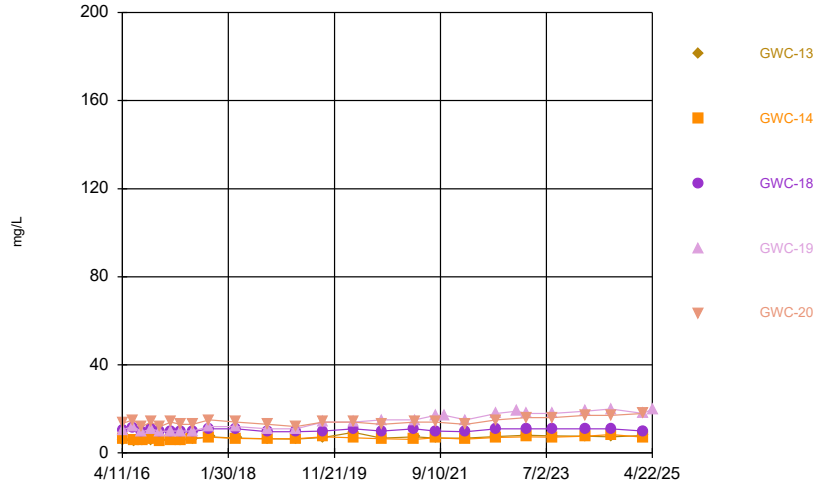
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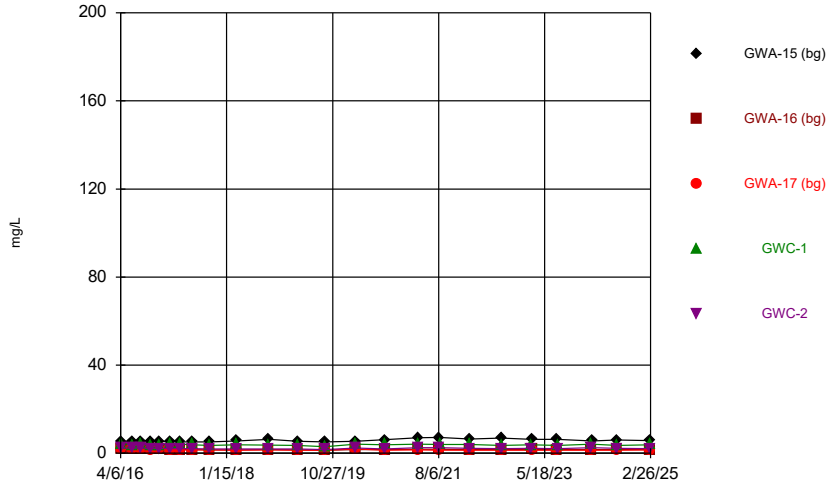
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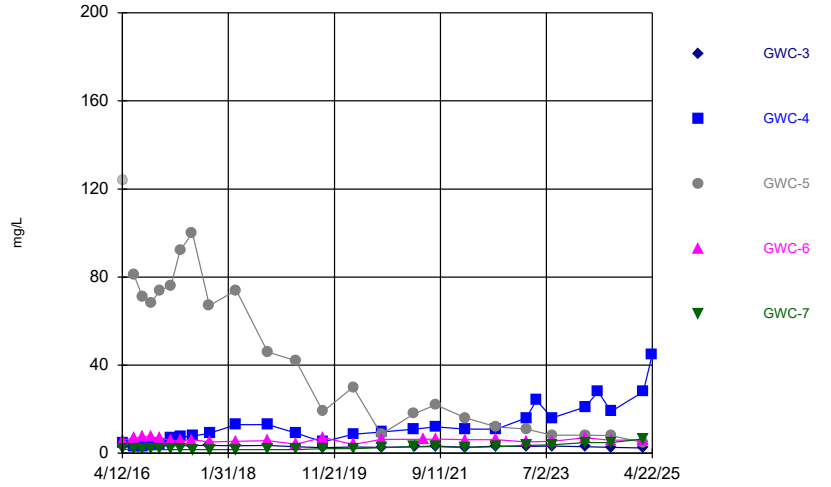
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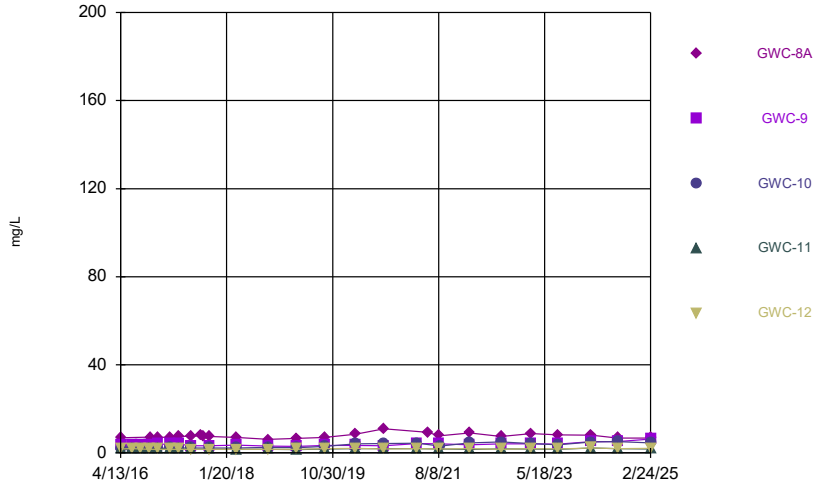
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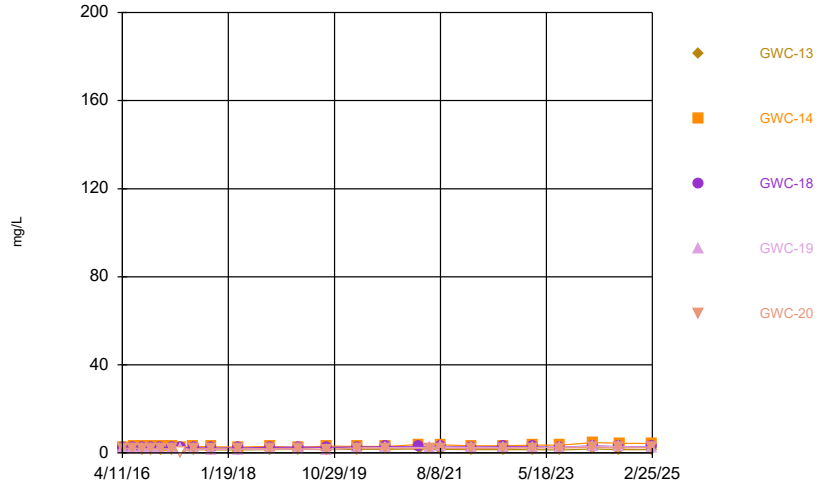
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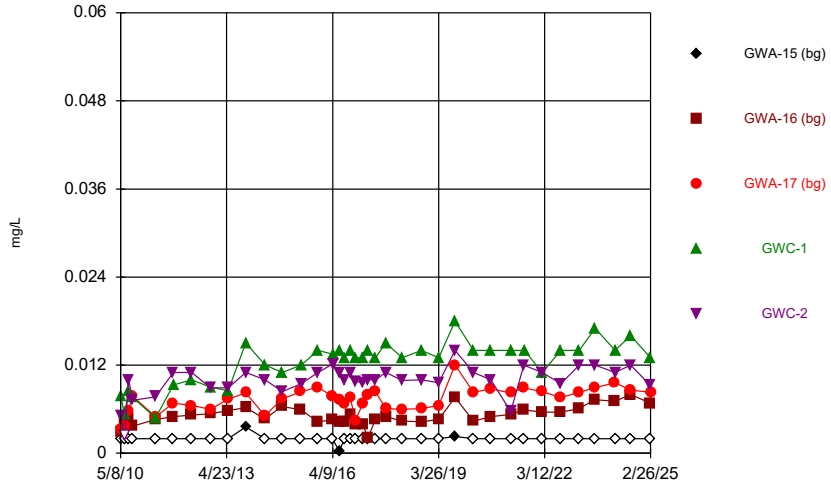
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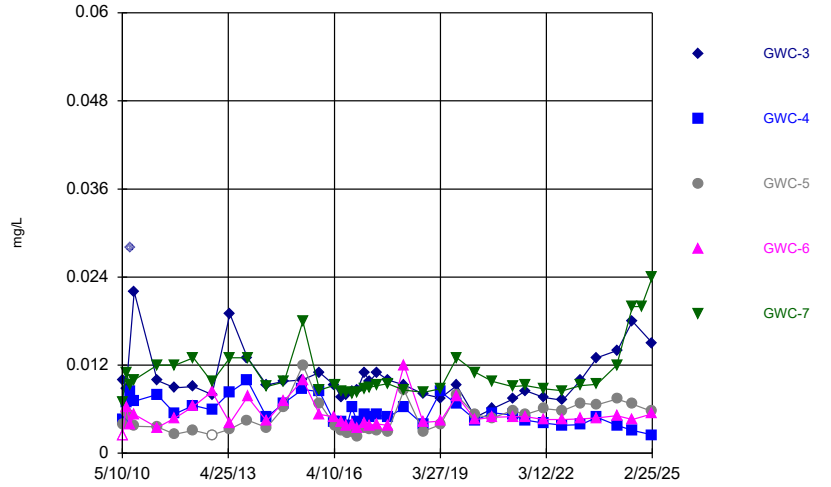
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Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

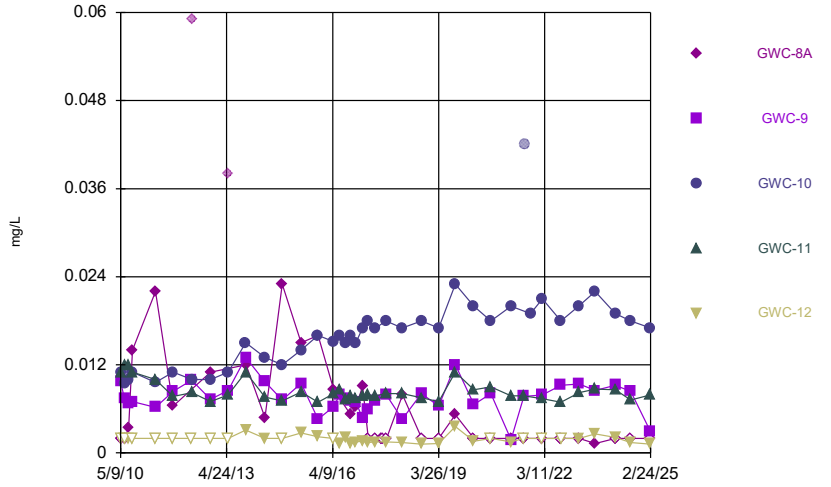
Time Series



Constituent: Chromium Analysis Run 6/18/2025 3:48 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

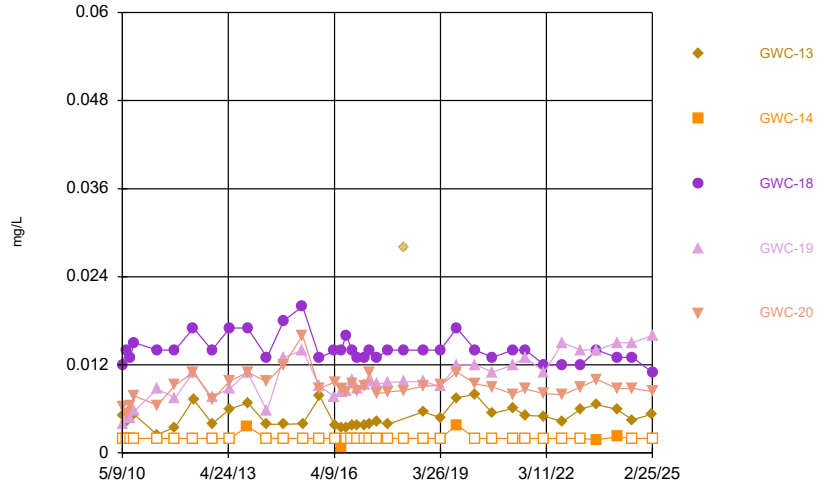
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Constituent: Chromium Analysis Run 6/18/2025 3:49 PM
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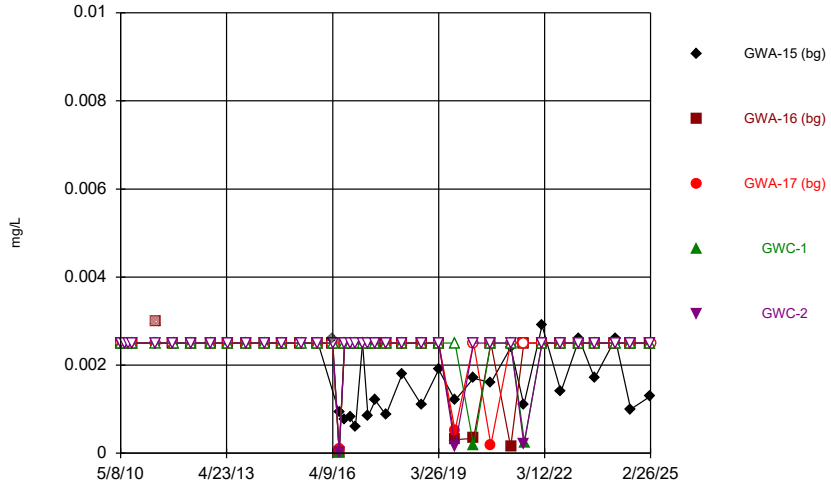
Time Series



Constituent: Chromium Analysis Run 6/18/2025 3:49 PM
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Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
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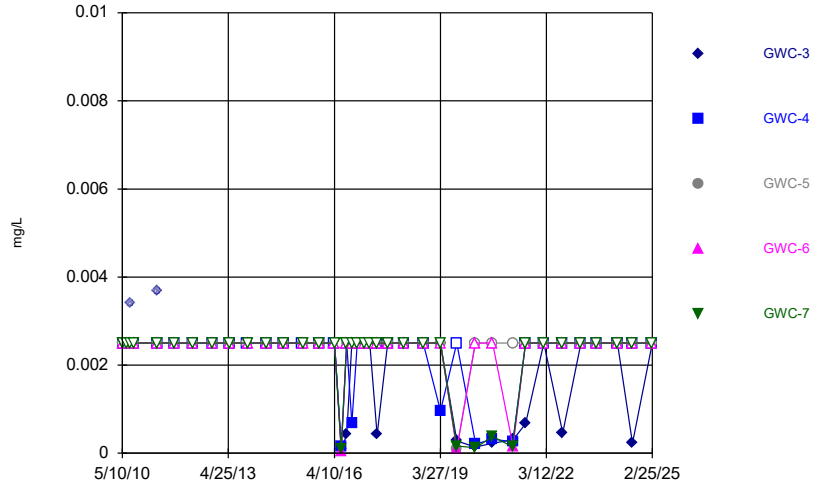
Time Series



Constituent: Cobalt Analysis Run 6/18/2025 3:49 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

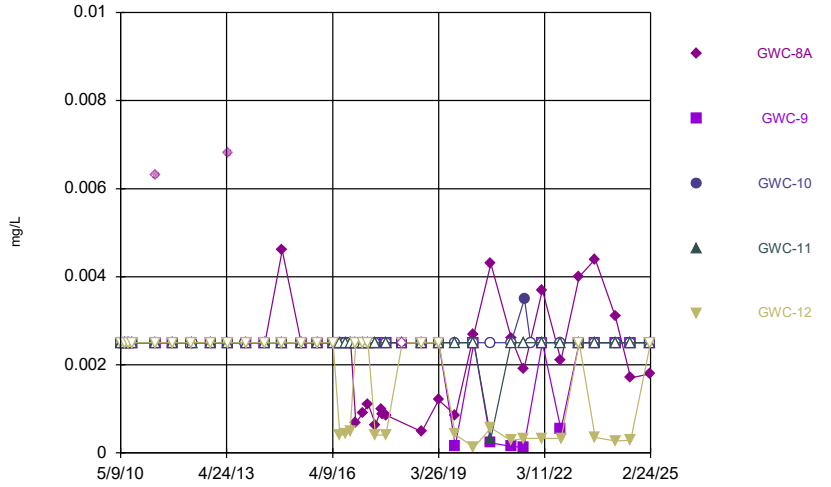
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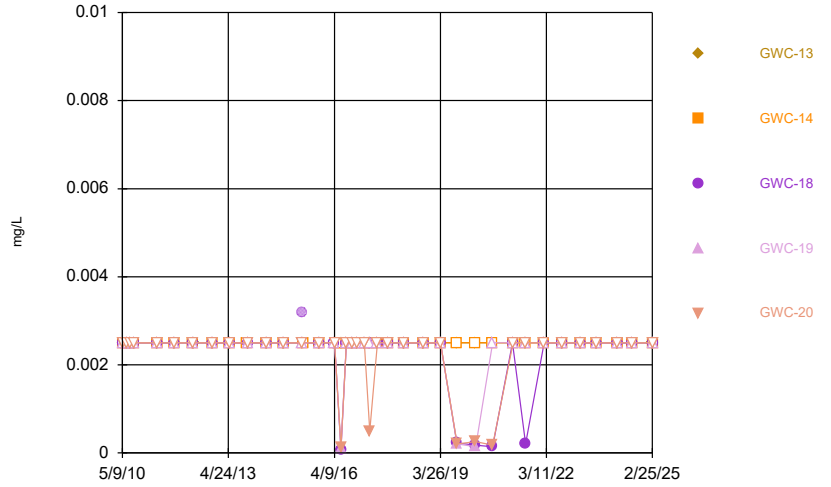
Time Series



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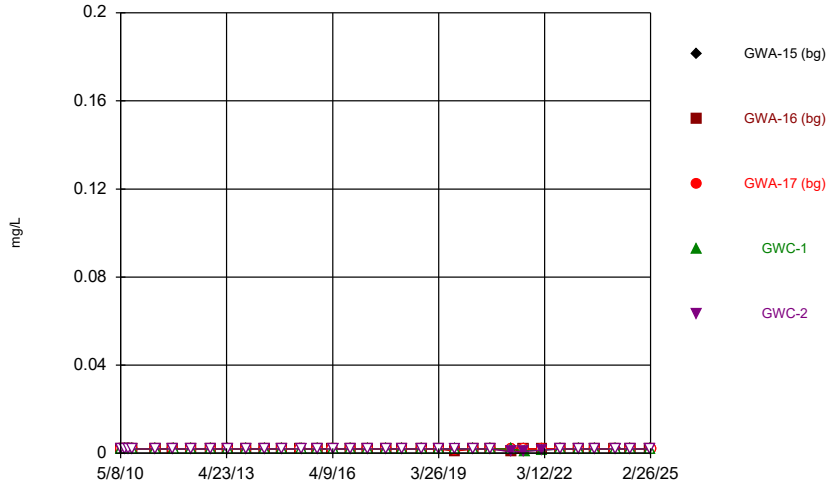
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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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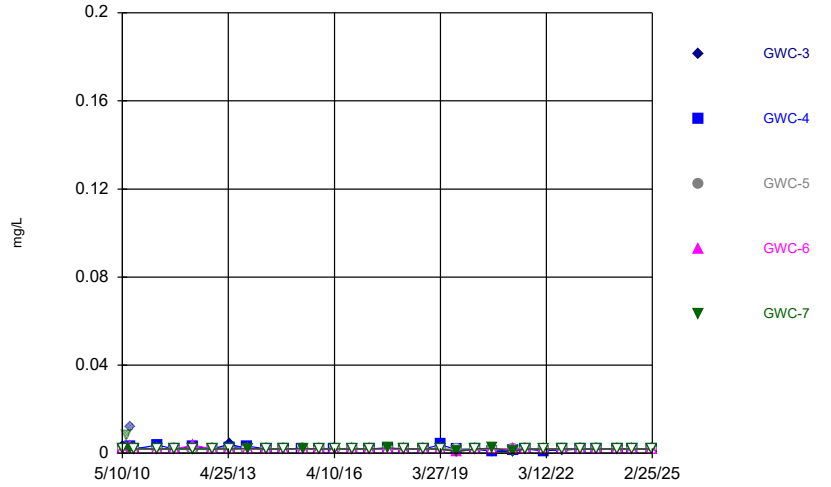
Time Series



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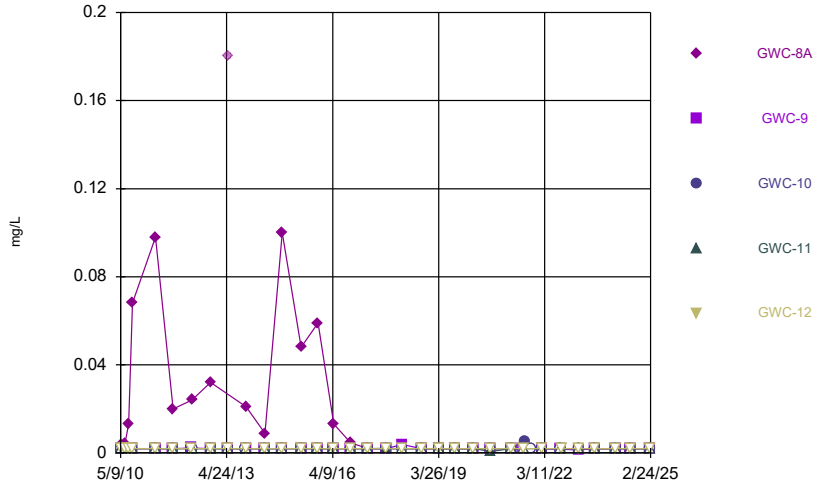
Time Series



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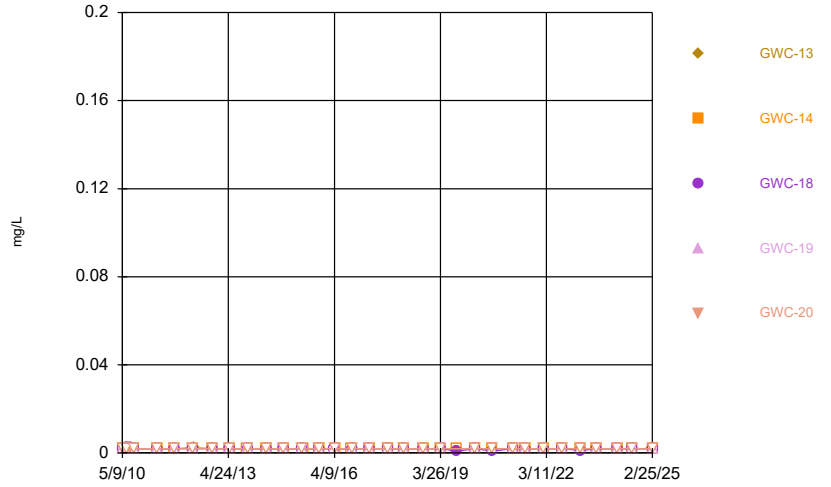
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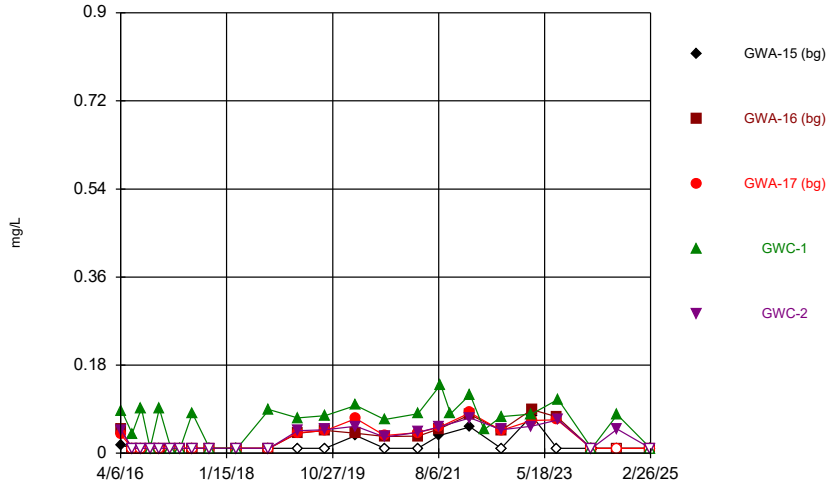
Time Series



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Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
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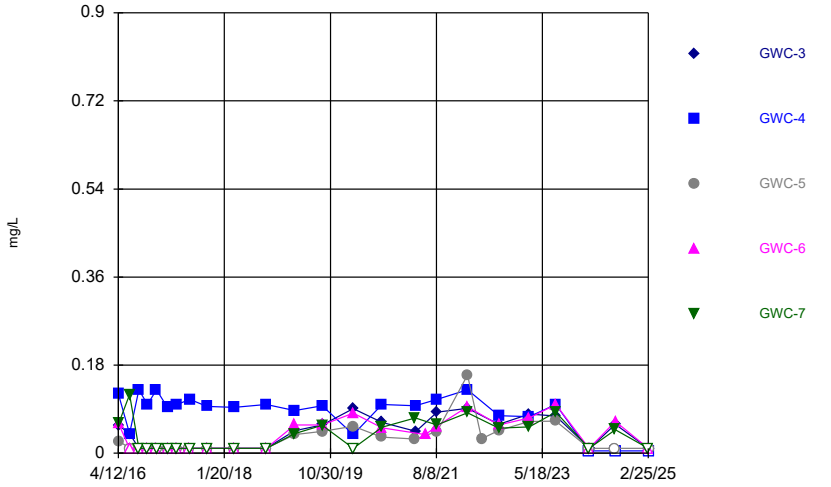
Time Series



Constituent: Fluoride Analysis Run 6/18/2025 3:49 PM
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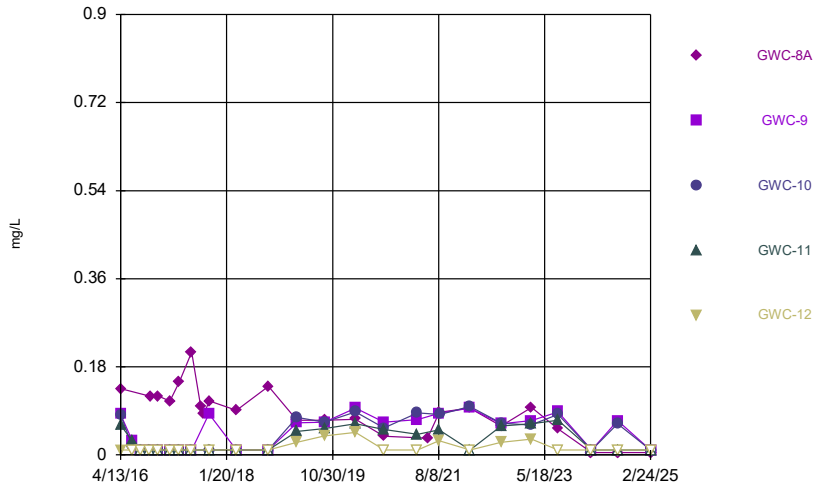
Time Series



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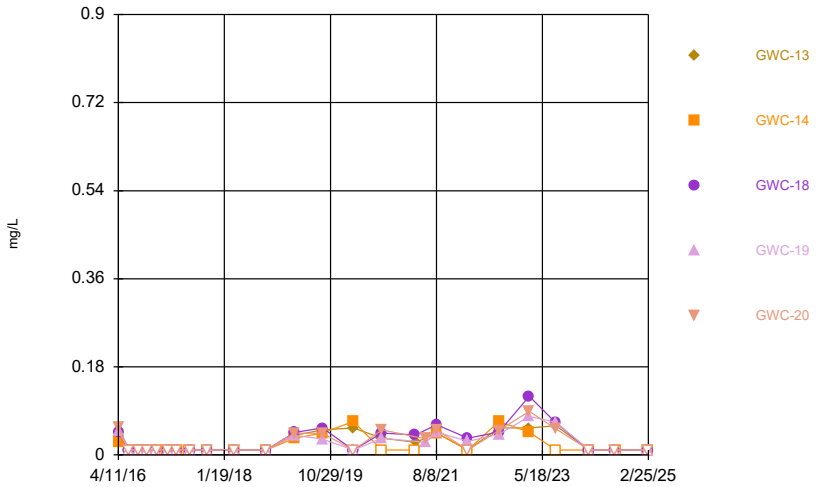
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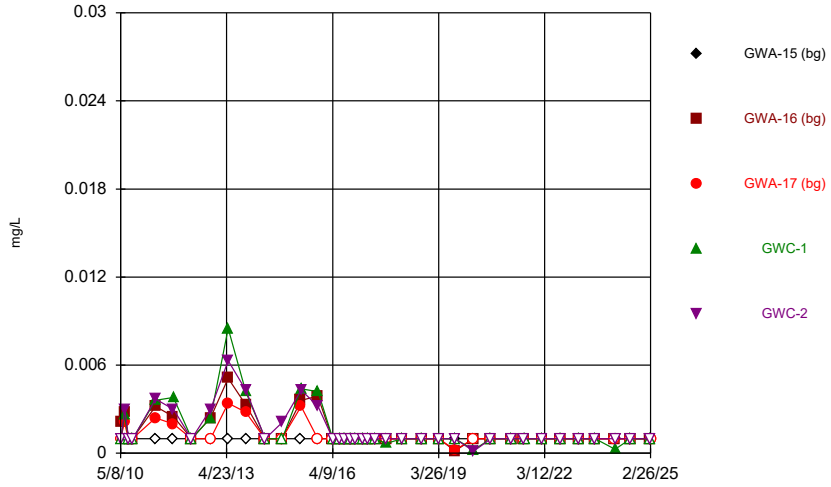
Time Series



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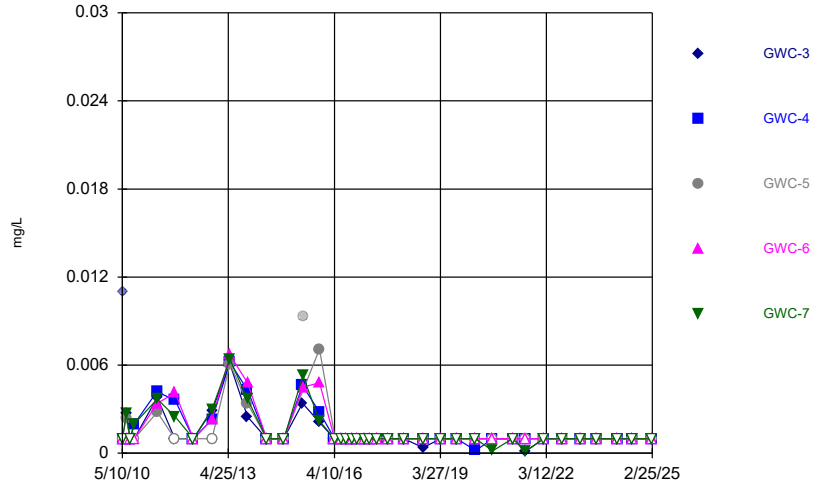
Time Series



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Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
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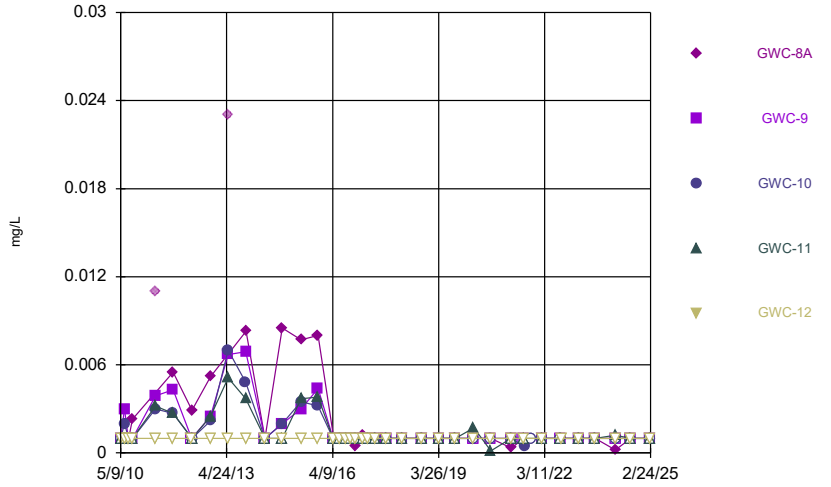
Time Series



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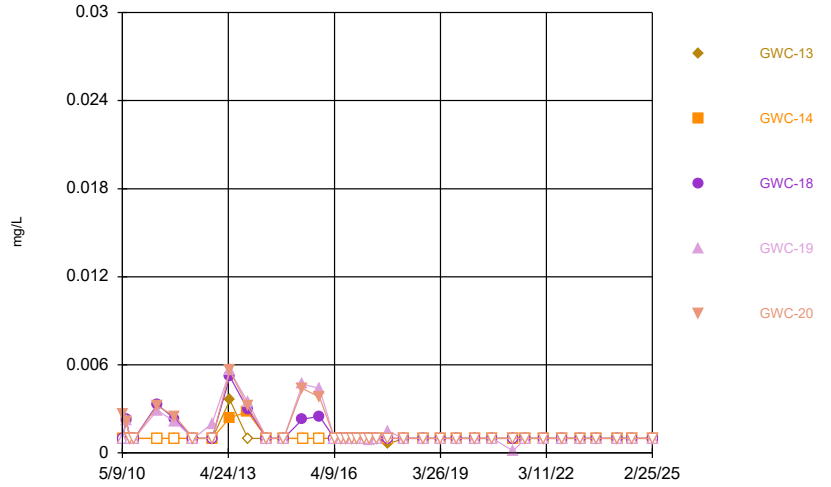
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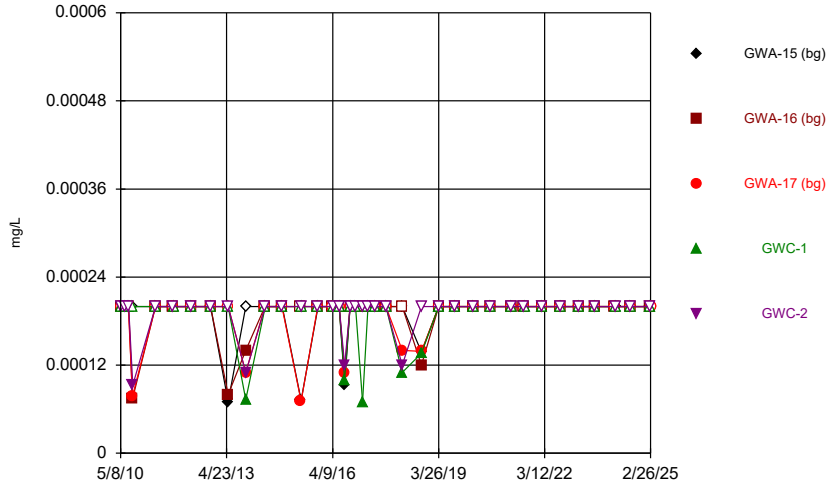
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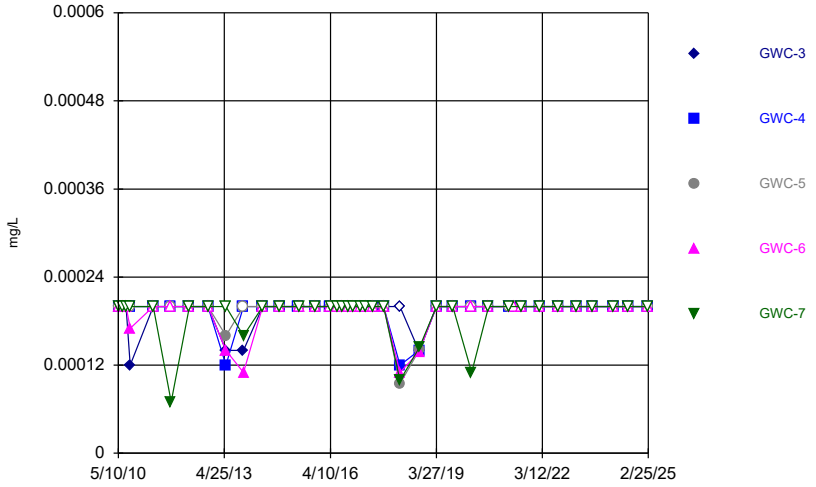
Time Series



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Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
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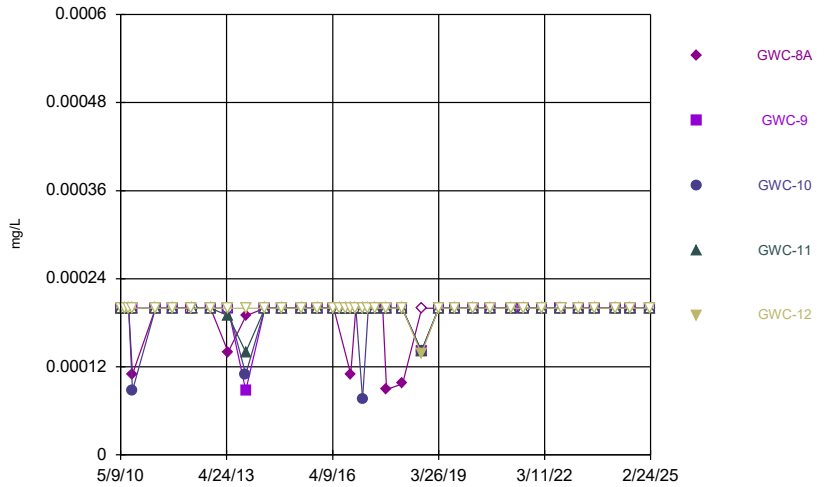
Time Series



Constituent: Mercury Analysis Run 6/18/2025 3:49 PM
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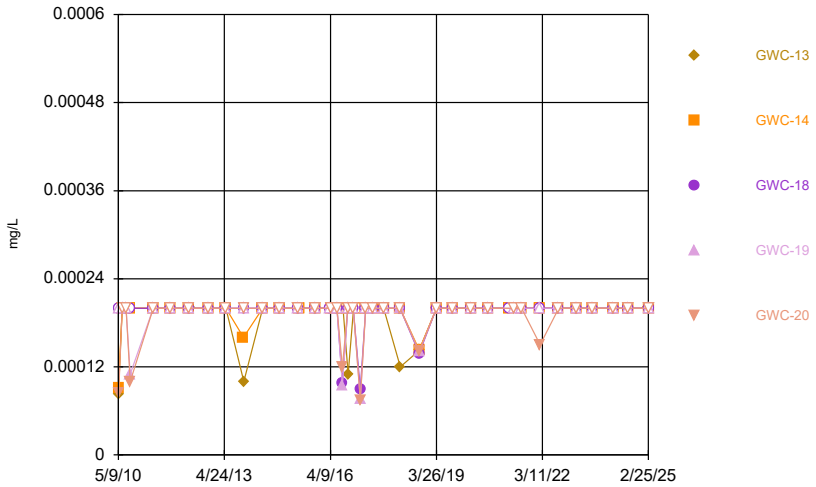
Time Series



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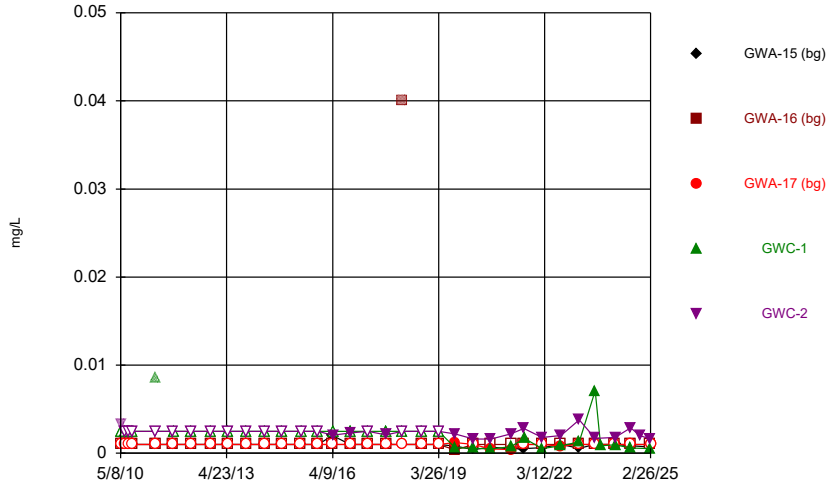
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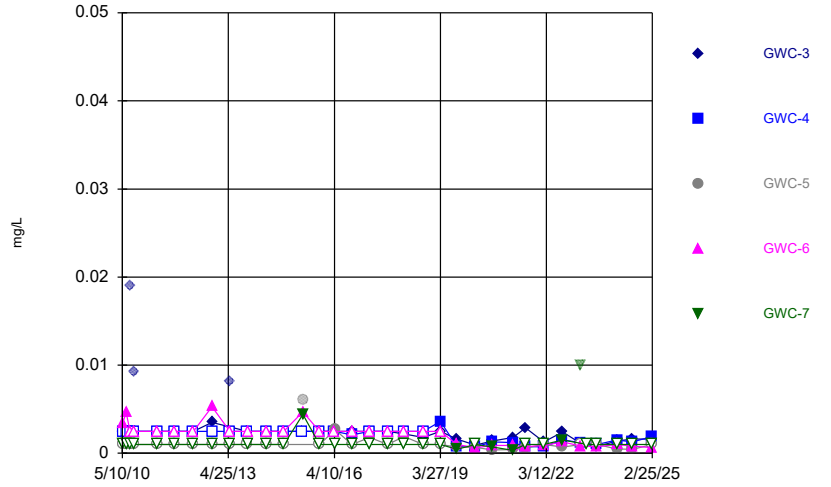
Time Series



Constituent: Nickel Analysis Run 6/18/2025 3:49 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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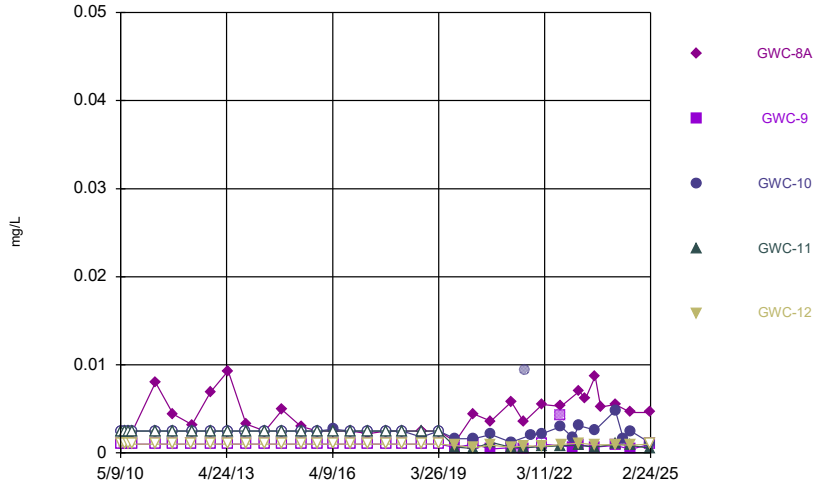
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Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
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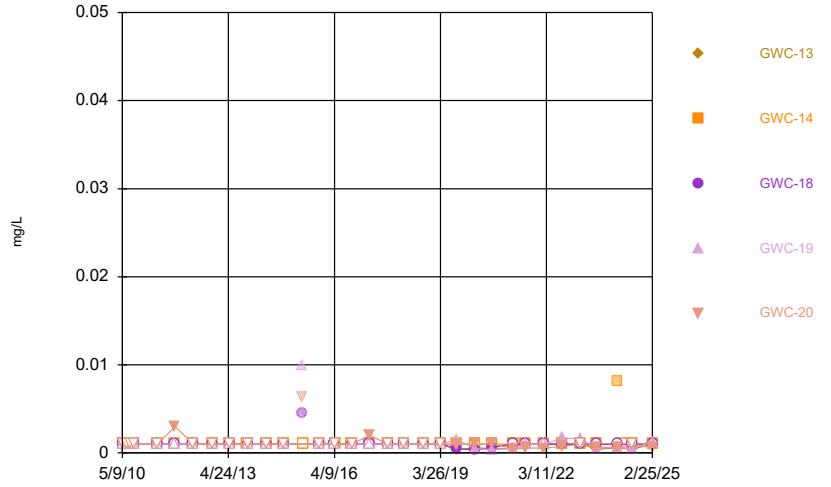
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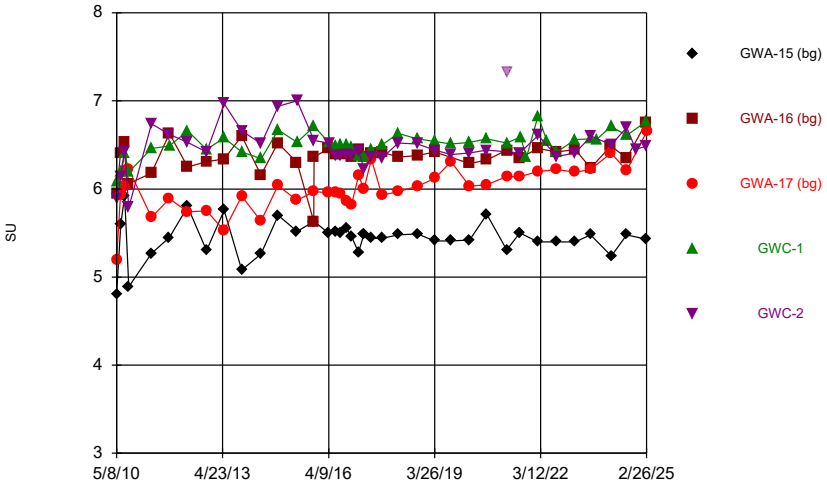
Time Series



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Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

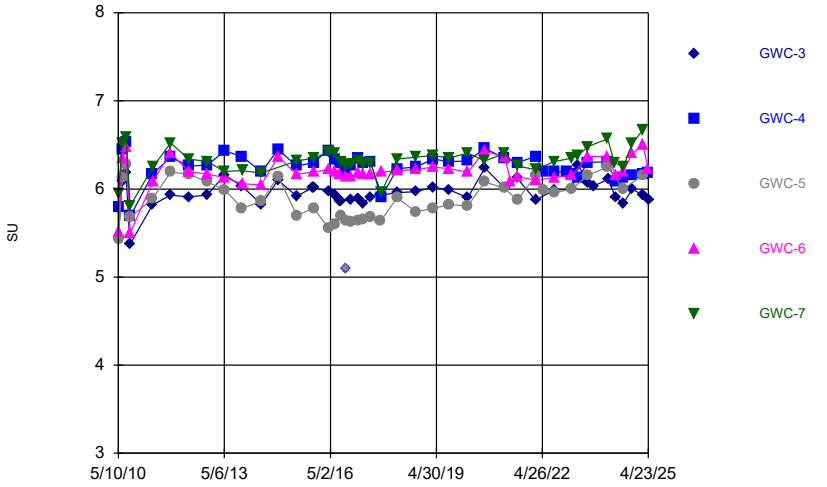
Time Series



Constituent: pH, Field Analysis Run 6/18/2025 3:50 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

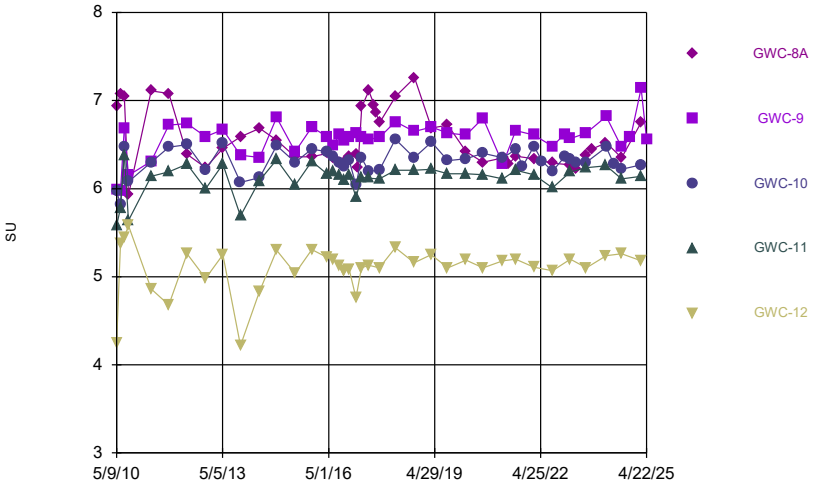
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Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

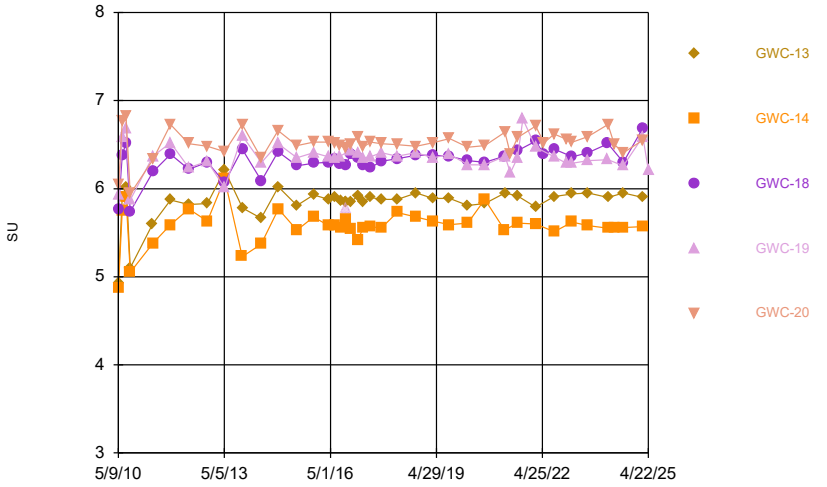
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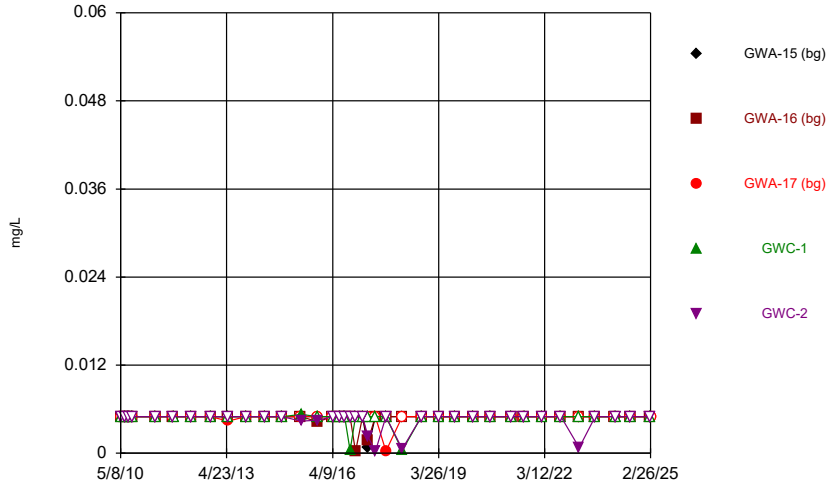
Time Series



Constituent: pH, Field Analysis Run 6/18/2025 3:50 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
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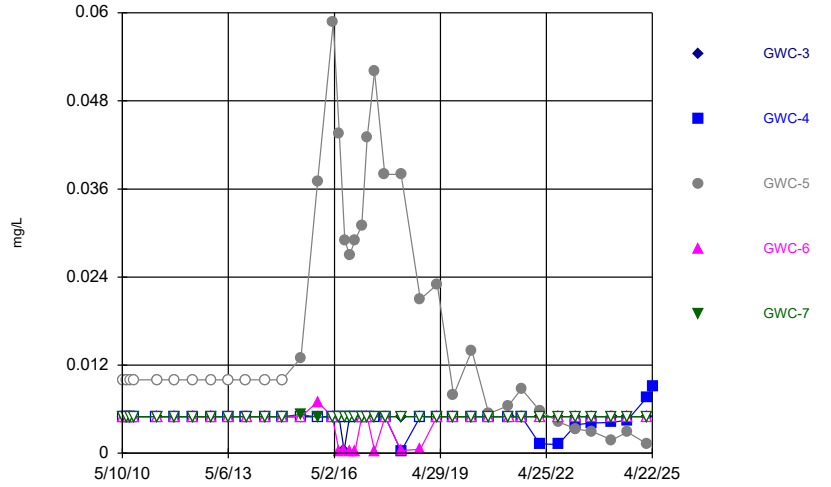
Time Series



Constituent: Selenium Analysis Run 6/18/2025 3:50 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
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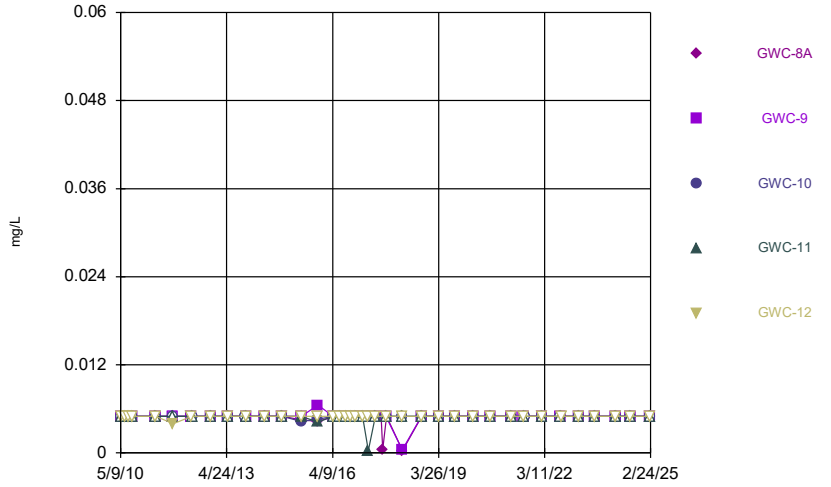
Time Series



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Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
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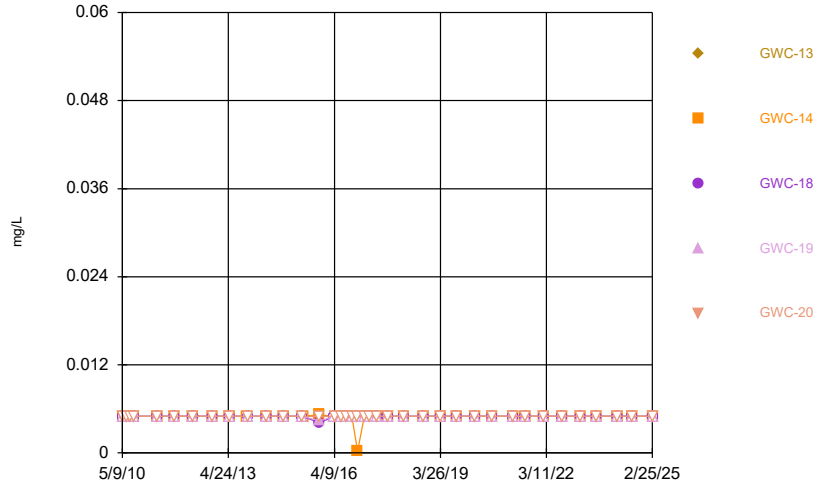
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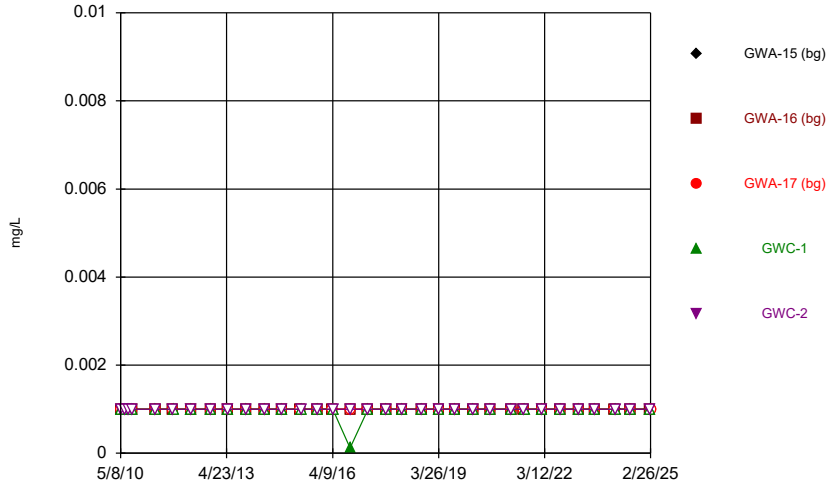
Time Series



Constituent: Selenium Analysis Run 6/18/2025 3:50 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
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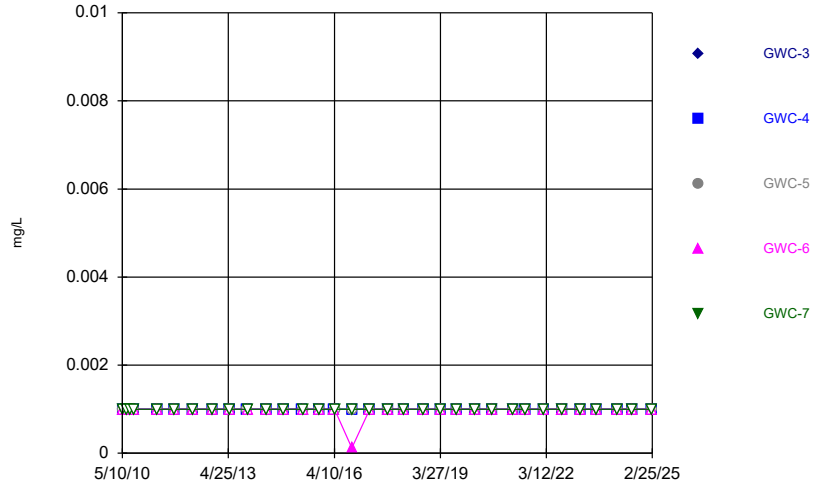
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Constituent: Silver Analysis Run 6/18/2025 3:50 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
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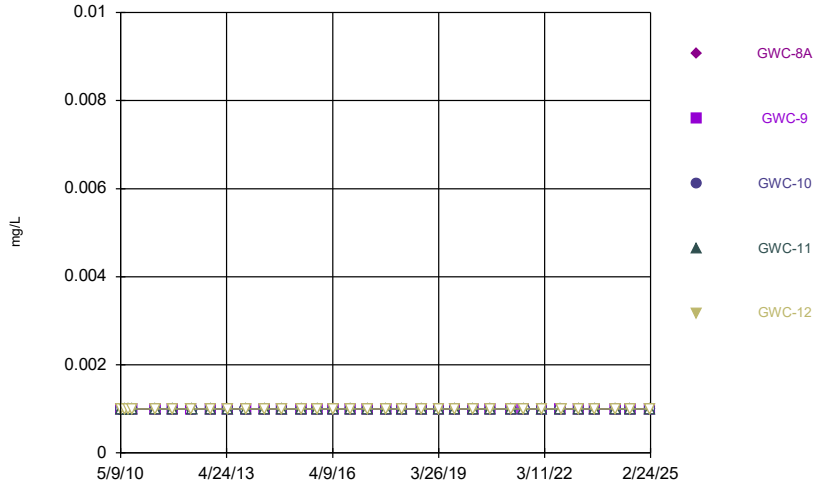
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Constituent: Silver Analysis Run 6/18/2025 3:50 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
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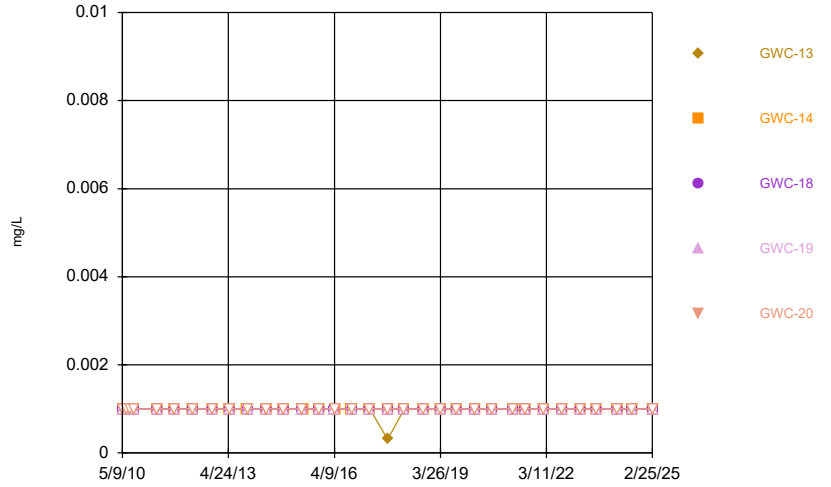
Time Series



Constituent: Silver Analysis Run 6/18/2025 3:50 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

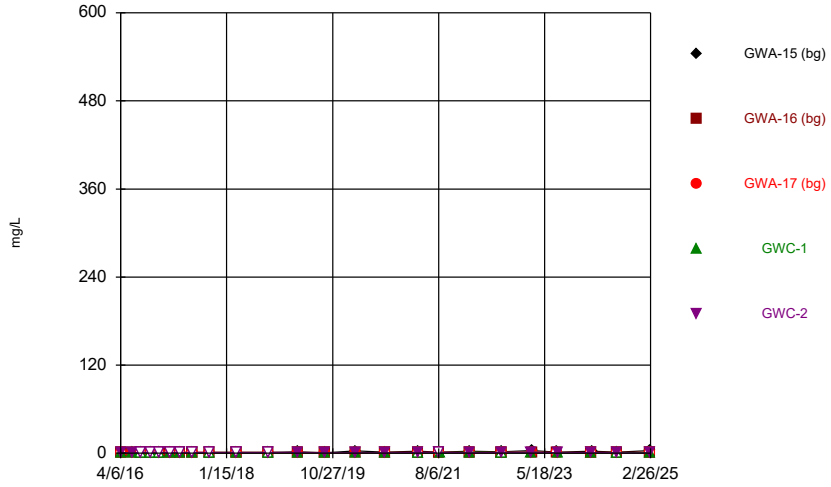
Time Series



Constituent: Silver Analysis Run 6/18/2025 3:50 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

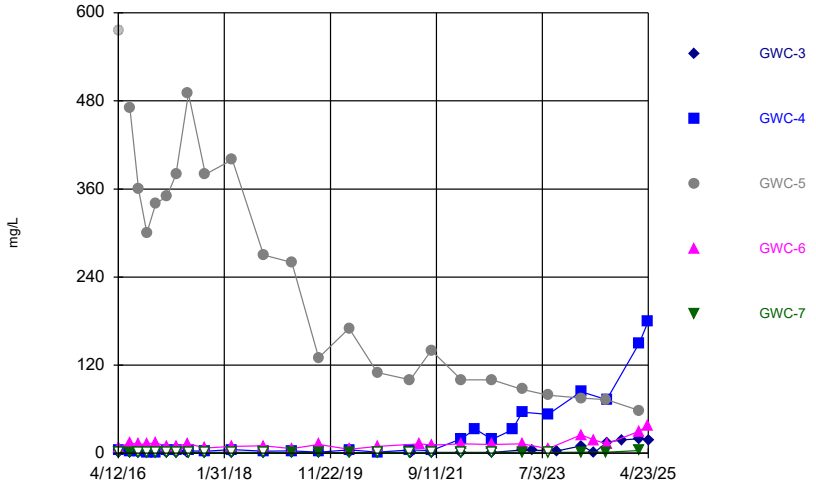
Time Series



Constituent: Sulfate Analysis Run 6/18/2025 3:50 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

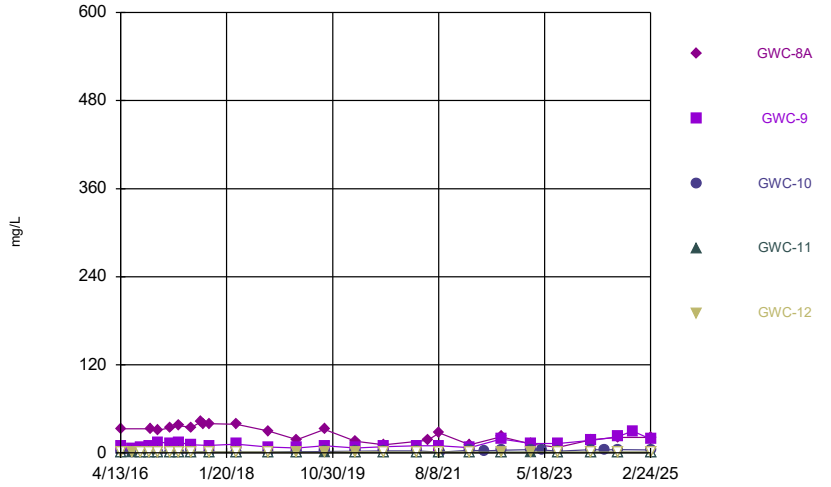
Time Series



Constituent: Sulfate Analysis Run 6/18/2025 3:50 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

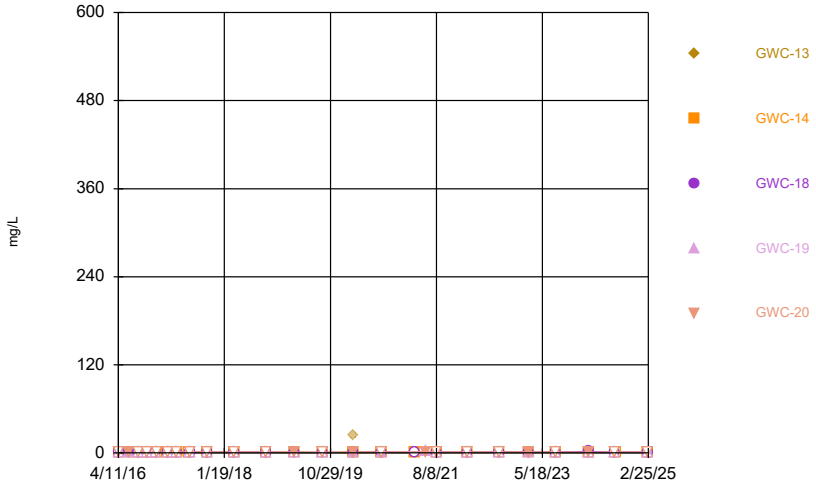
Time Series



Constituent: Sulfate Analysis Run 6/18/2025 3:50 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

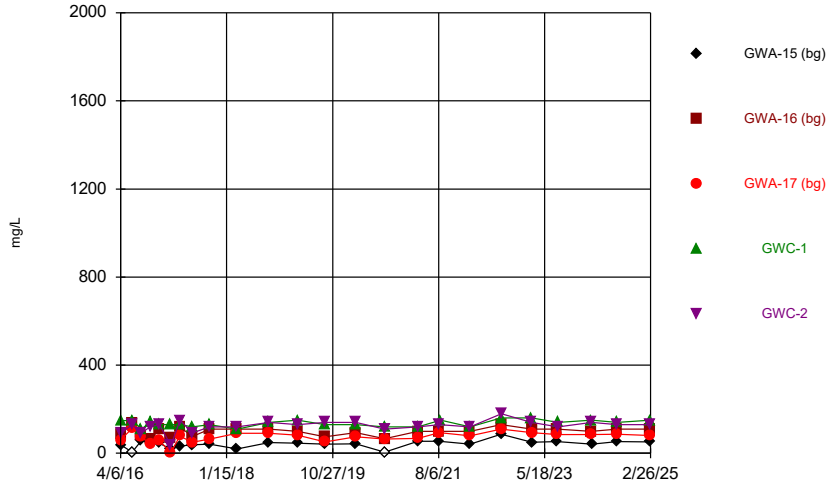
Time Series



Constituent: Sulfate Analysis Run 6/18/2025 3:50 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

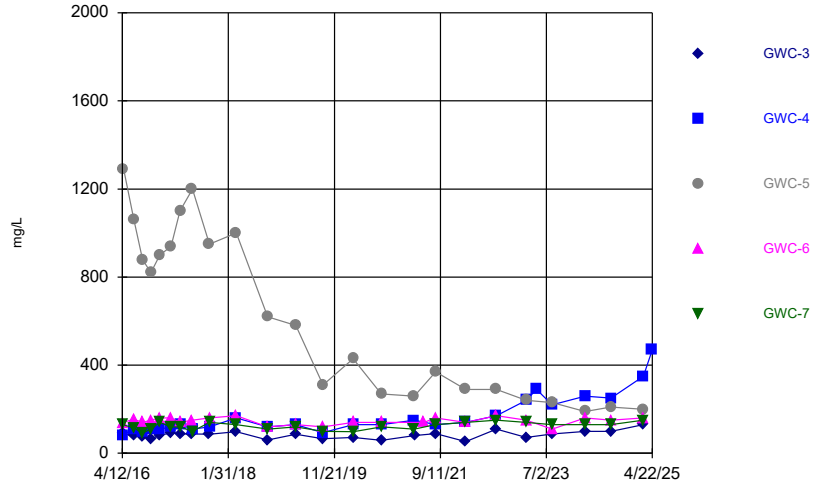
Time Series



Constituent: TDS Analysis Run 6/18/2025 3:50 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

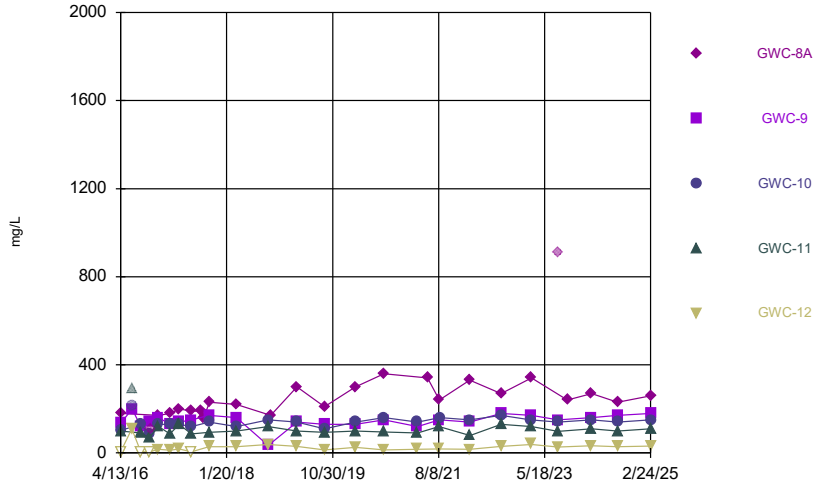
Time Series



Constituent: TDS Analysis Run 6/18/2025 3:50 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

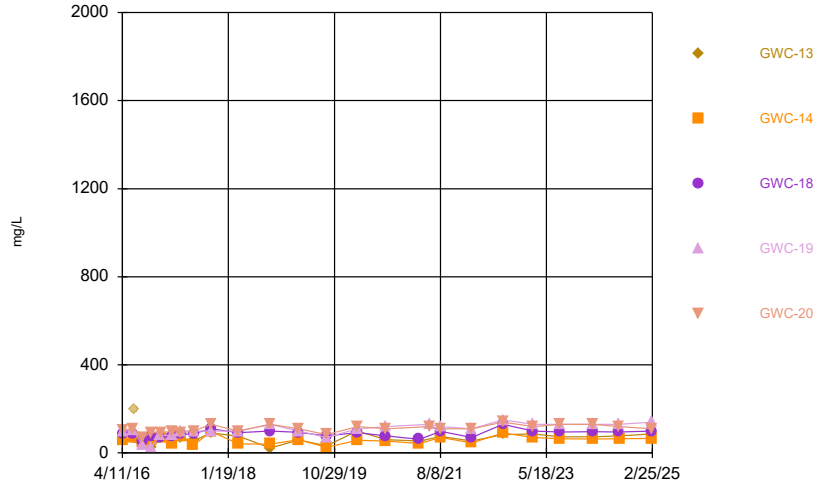
Time Series



Constituent: TDS Analysis Run 6/18/2025 3:50 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

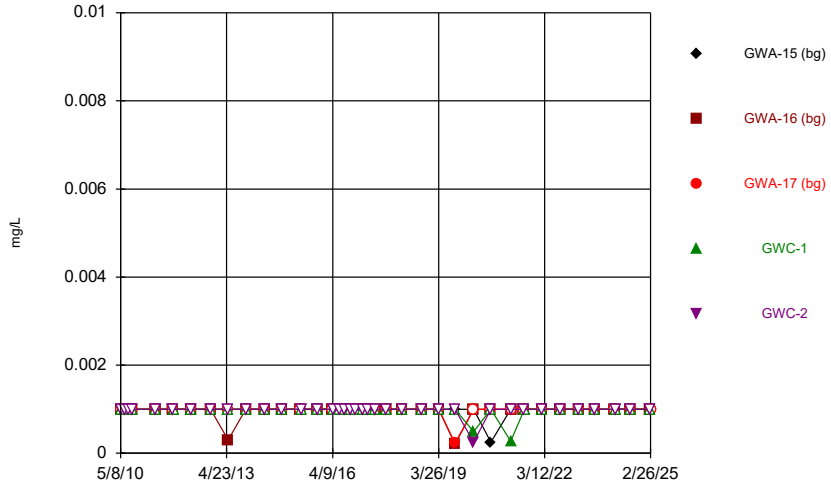
Time Series



Constituent: TDS Analysis Run 6/18/2025 3:50 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

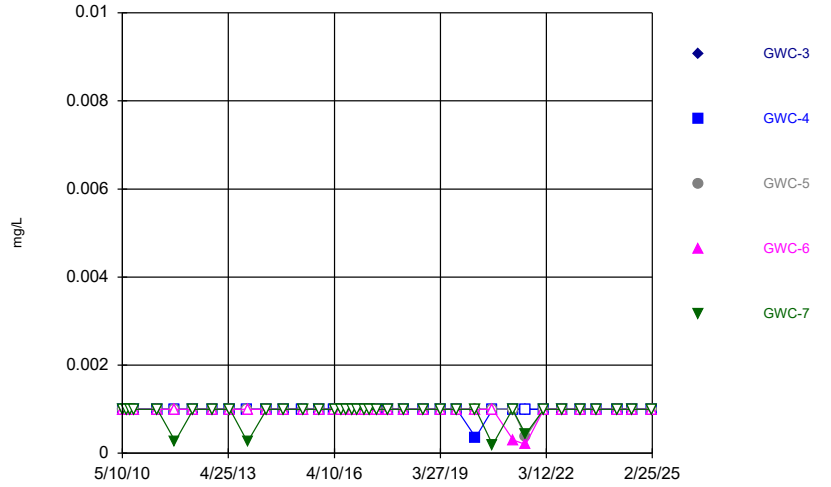
Time Series



Constituent: Thallium Analysis Run 6/18/2025 3:50 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

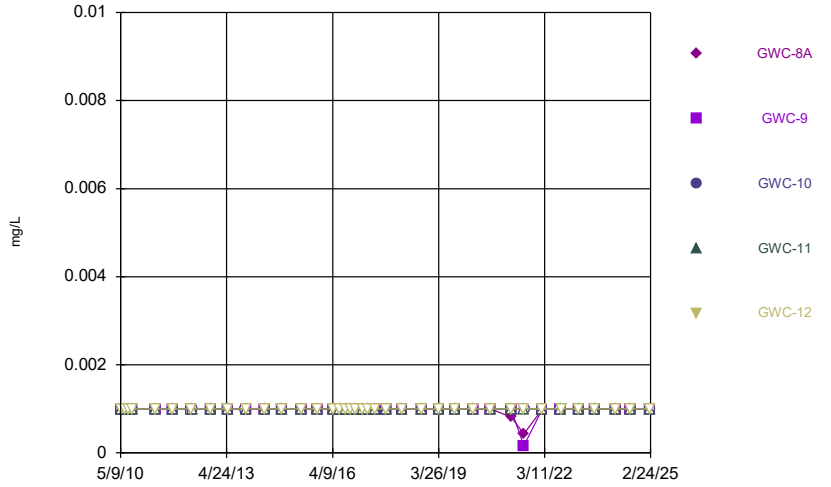
Time Series



Constituent: Thallium Analysis Run 6/18/2025 3:50 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

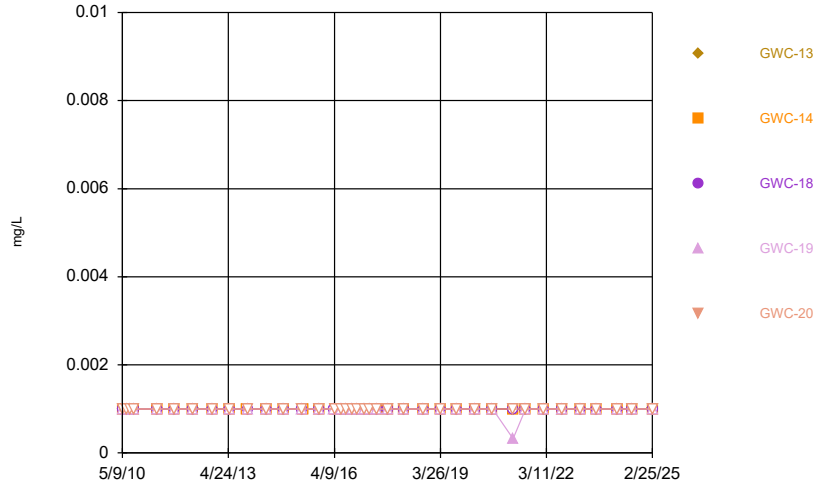
Time Series



Constituent: Thallium Analysis Run 6/18/2025 3:50 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

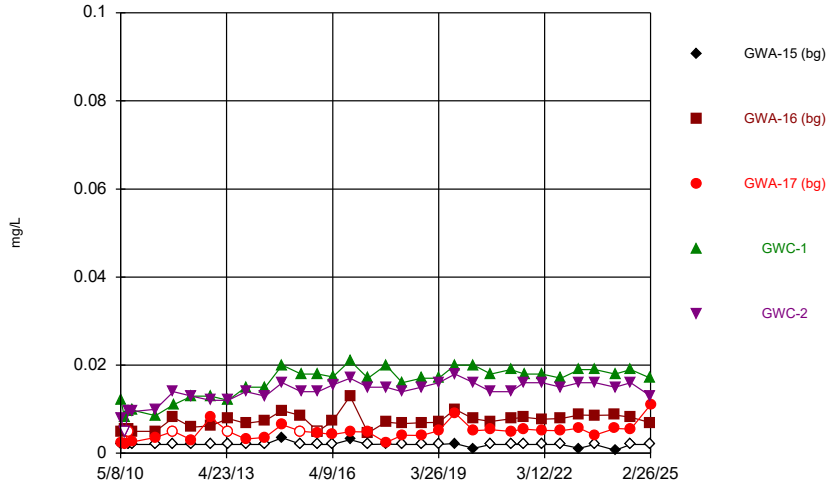
Time Series



Constituent: Thallium Analysis Run 6/18/2025 3:50 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

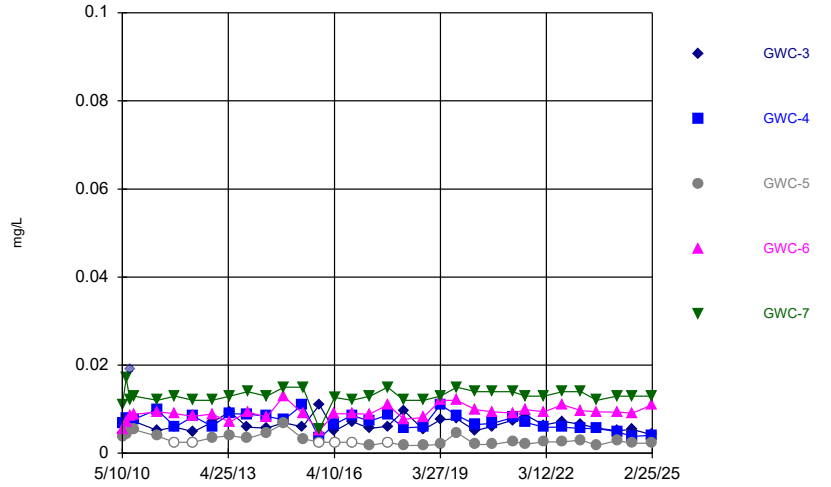
Time Series



Constituent: Vanadium Analysis Run 6/18/2025 3:50 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

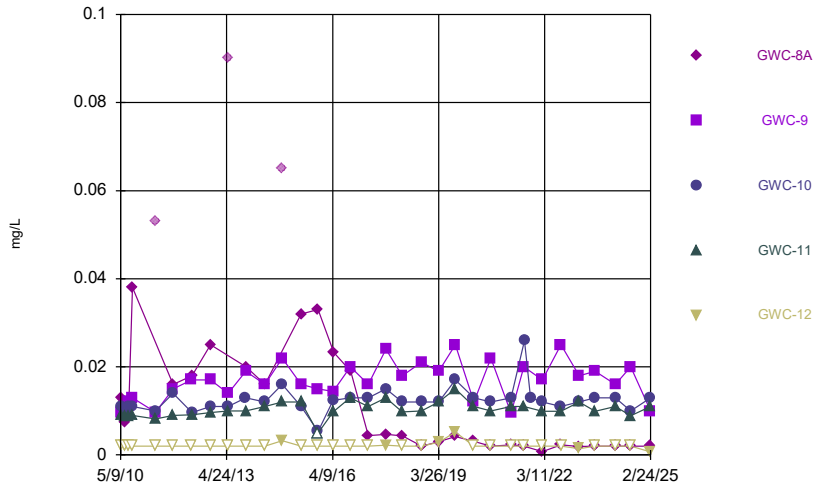
Time Series



Constituent: Vanadium Analysis Run 6/18/2025 3:50 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

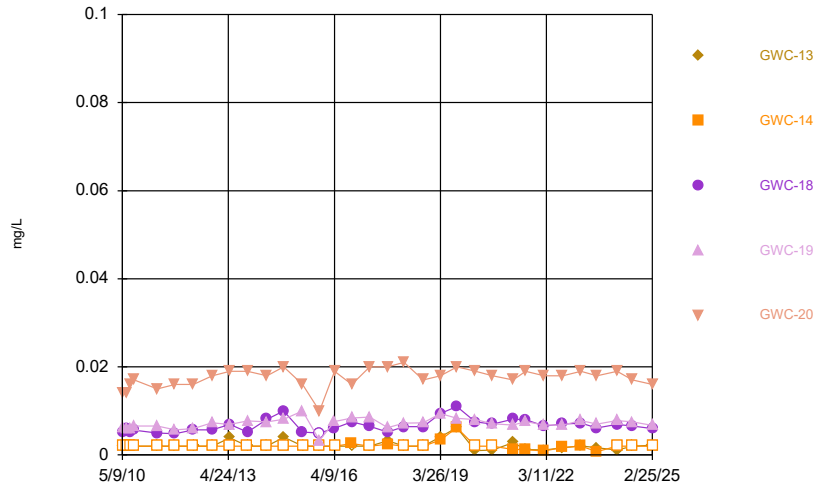
Time Series



Constituent: Vanadium Analysis Run 6/18/2025 3:50 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

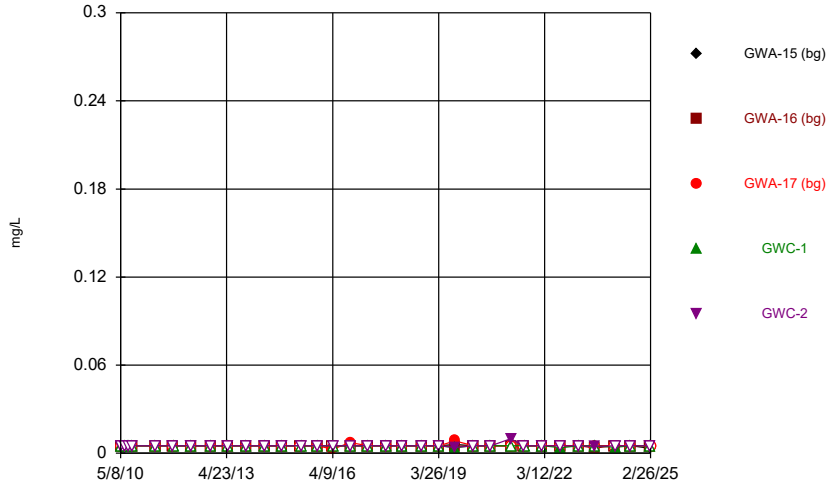
Time Series



Constituent: Vanadium Analysis Run 6/18/2025 3:50 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

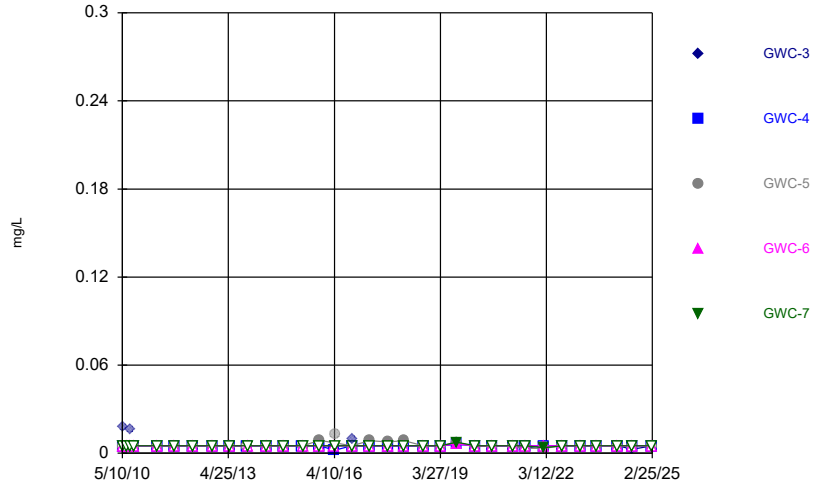
Time Series



Constituent: Zinc Analysis Run 6/18/2025 3:50 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

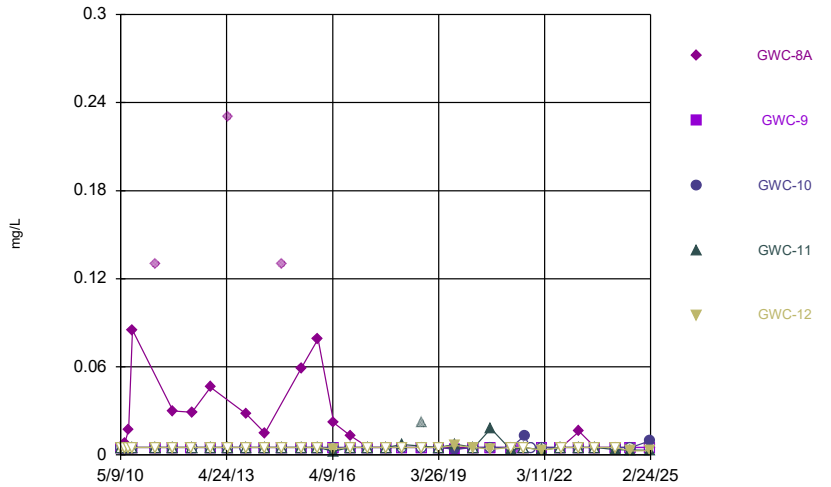
Time Series



Constituent: Zinc Analysis Run 6/18/2025 3:50 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

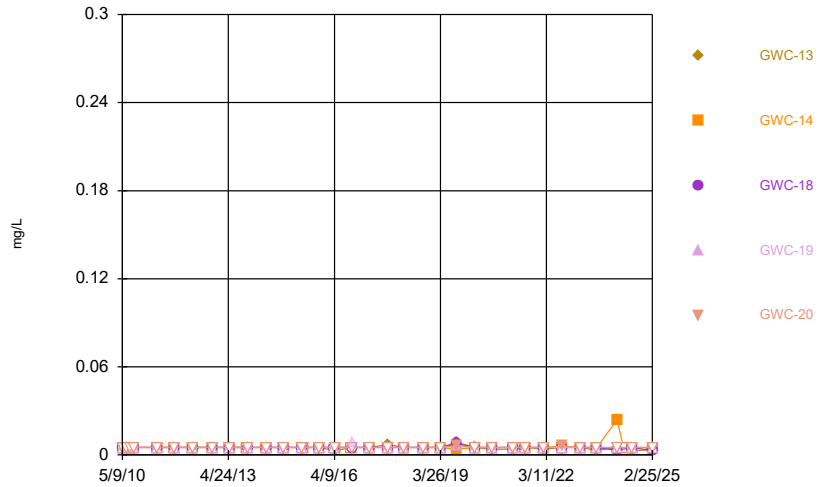
Time Series



Constituent: Zinc Analysis Run 6/18/2025 3:50 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Time Series



Constituent: Zinc Analysis Run 6/18/2025 3:50 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Time Series

Constituent: Antimony (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
5/8/2010			<0.002		
5/9/2010	<0.002	<0.002			
5/11/2010				<0.002	<0.002
6/16/2010		<0.002	<0.002		
6/17/2010				<0.002	
6/18/2010	<0.002				
6/19/2010					<0.002
7/26/2010			<0.002		
7/27/2010		<0.002		<0.002	<0.002
7/28/2010	<0.002				
9/7/2010		<0.002	<0.002		
9/9/2010	<0.002			<0.002	<0.002
4/28/2011				<0.002	<0.002
4/29/2011		<0.002	<0.002		
4/30/2011	<0.002				
10/28/2011	<0.002	<0.002	<0.002		<0.002
10/29/2011				<0.002	
5/2/2012	<0.002	<0.002	<0.002		
5/3/2012				<0.002	<0.002
11/9/2012	<0.002	<0.002	<0.002	<0.002	<0.002
5/8/2013	<0.002	<0.002	<0.002		
5/9/2013				<0.002	<0.002
11/5/2013	<0.002			<0.002	<0.002
11/6/2013		<0.002	<0.002		
5/20/2014	<0.002	<0.002	<0.002		
5/22/2014					<0.002
5/23/2014				<0.002	
11/8/2014		<0.002	<0.002		
11/12/2014	<0.002				
11/13/2014				<0.002	<0.002
5/22/2015	<0.002	<0.002	<0.002		
5/23/2015				<0.002	
5/24/2015					<0.002
11/9/2015		<0.002	<0.002		
11/11/2015	<0.002			<0.002	<0.002
4/6/2016	<0.002	<0.002	<0.002		
4/12/2016				<0.002	<0.002
6/15/2016	<0.002	<0.002	<0.002		
6/16/2016				<0.002	<0.002
8/10/2016	<0.002	<0.002	<0.002		
8/11/2016				<0.002	<0.002
10/4/2016	<0.002	<0.002		<0.002	<0.002
10/5/2016			<0.002		
11/29/2016		<0.002	<0.002		
11/30/2016	<0.002			<0.002	<0.002
2/7/2017	<0.002	0.001 (J)	<0.002	<0.002	<0.002
4/4/2017	<0.002	<0.002	<0.002		
4/5/2017				<0.002	
4/6/2017					<0.002
6/20/2017	<0.002	<0.002	<0.002	<0.002	<0.002
10/4/2017	<0.002			<0.002	<0.002
10/5/2017		<0.002	<0.002		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Antimony (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
3/20/2018	<0.002	<0.002	<0.002	<0.002	<0.002
10/2/2018	<0.002	<0.002	<0.002	<0.002	<0.002
3/26/2019	<0.002	<0.002	<0.002	<0.002	<0.002
9/10/2019	<0.002	<0.002	<0.002	<0.002	0.00042 (J)
3/18/2020	<0.002	<0.002	<0.002	<0.002	<0.002
9/9/2020	<0.002	<0.002	<0.002	<0.002	<0.002
4/1/2021	<0.002	<0.002	<0.002	<0.002	0.0013 (J)
8/11/2021	<0.002	<0.002	<0.002		
8/12/2021					<0.002
8/18/2021				<0.002	
2/15/2022	<0.002	<0.002	<0.002	<0.002	<0.002
8/24/2022			<0.002	<0.002	
8/25/2022	<0.002	<0.002			
8/26/2022					<0.002
2/27/2023				<0.002	<0.002
2/28/2023	<0.002	<0.002	<0.002		
8/3/2023	<0.002	<0.002	<0.002		
8/9/2023				<0.002	<0.002
2/28/2024		<0.002	<0.002		
3/1/2024				<0.002	<0.002
3/4/2024	<0.002				
8/6/2024	<0.002	<0.002	<0.002	<0.002	<0.002
2/25/2025	<0.002	<0.002		<0.002	<0.002
2/26/2025			<0.002		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Antimony (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
5/10/2010					<0.002
5/11/2010	<0.002	<0.002	<0.002	<0.002	
6/17/2010	<0.002	<0.002			
6/18/2010			<0.002	<0.002	<0.002
7/27/2010			<0.002	<0.002	
7/28/2010	<0.002	<0.002			<0.002
9/7/2010	<0.002				
9/8/2010		<0.002			
9/9/2010			<0.002	<0.002	<0.002
4/28/2011		<0.002			
4/29/2011	<0.002		<0.002		
4/30/2011				<0.002	<0.002
10/28/2011	<0.002		<0.002		
10/29/2011		<0.002		<0.002	<0.002
5/3/2012	<0.002	<0.002			
5/4/2012			<0.002	<0.002	<0.002
11/9/2012	<0.002				
11/10/2012		<0.002	<0.002	<0.002	<0.002
5/9/2013			<0.002	<0.002	<0.002
5/10/2013	<0.002	<0.002			
11/6/2013	<0.002	<0.002	<0.002		
11/7/2013				<0.002	<0.002
5/21/2014				<0.002	<0.002
5/22/2014	<0.002	<0.002	<0.002		
11/9/2014	<0.002	<0.002	<0.002	<0.002	
11/12/2014					<0.002
5/22/2015	<0.002	<0.002			
5/24/2015			<0.002	<0.002	<0.002
11/10/2015	<0.002				
11/11/2015		<0.002	<0.002	<0.002	<0.002
4/12/2016	<0.002	<0.002		<0.002	
4/13/2016					<0.002
4/19/2016			<0.002		
6/20/2016	0.0002 (J)	<0.002		<0.002	0.0002 (J)
6/22/2016			<0.002		
8/12/2016	<0.002	<0.002		<0.002	
8/15/2016					<0.002
8/16/2016			<0.002		
10/5/2016	<0.002				
10/6/2016		<0.002	<0.002	<0.002	<0.002
11/30/2016	<0.002	<0.002		<0.002	
12/1/2016			<0.002		<0.002
2/8/2017	<0.002	<0.002			
2/9/2017			<0.002	<0.002	<0.002
4/6/2017	<0.002	<0.002	<0.002	<0.002	
4/7/2017					<0.002
6/21/2017	<0.002		<0.002	<0.002	
6/22/2017		<0.002			<0.002
10/5/2017	<0.002		<0.002		
10/6/2017		<0.002		<0.002	<0.002
3/21/2018	<0.002	<0.002		<0.002	
3/22/2018			<0.002		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Antimony (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
10/3/2018	<0.002	<0.002	<0.002	<0.002	
10/4/2018					<0.002
3/26/2019	<0.002	<0.002		<0.002	
3/27/2019			<0.002		<0.002
9/10/2019	<0.002	<0.002			
9/11/2019			<0.002	<0.002	<0.002
3/18/2020	<0.002		<0.002	<0.002	
3/19/2020		<0.002			<0.002
9/9/2020			<0.002		
9/10/2020	<0.002	<0.002		<0.002	<0.002
4/1/2021			<0.002		<0.002
4/2/2021		<0.002			
4/5/2021				<0.002	
4/6/2021	<0.002				
8/11/2021				<0.002	<0.002
8/12/2021	<0.002	<0.002	<0.002		
2/15/2022	<0.002	<0.002	<0.002	<0.002	<0.002
8/25/2022	<0.002	0.00058 (J)	<0.002	<0.002	<0.002
2/27/2023		<0.002		<0.002	<0.002
2/28/2023	<0.002		<0.002		
8/8/2023		<0.002	<0.002	<0.002	<0.002
8/9/2023	<0.002				
2/29/2024		<0.002	<0.002	<0.002	<0.002
3/4/2024	0.0013 (J)				
8/6/2024			<0.002		<0.002
8/7/2024	<0.002	<0.002		<0.002	
2/24/2025				<0.002	<0.002
2/25/2025	<0.002	<0.002	<0.002		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Antimony (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
5/9/2010					<0.002
5/10/2010	<0.002	<0.002	<0.002	<0.002	
6/16/2010		<0.002	<0.002	<0.002	
6/18/2010					<0.002
6/19/2010	<0.002				
7/27/2010		<0.002		<0.002	<0.002
7/28/2010	<0.002		<0.002		
9/8/2010	<0.002	<0.002	<0.002	<0.002	<0.002
4/29/2011		<0.002	<0.002	<0.002	<0.002
4/30/2011	<0.002				
10/27/2011	<0.002	<0.002	<0.002	<0.002	
10/28/2011					<0.002
5/3/2012		<0.002			<0.002
5/4/2012	<0.002		<0.002	<0.002	
11/10/2012				<0.002	<0.002
11/11/2012	<0.002	<0.002	<0.002		
5/9/2013		<0.002	<0.002	<0.002	<0.002
5/10/2013	<0.002				
11/5/2013			<0.002		
11/6/2013		<0.002		<0.002	<0.002
11/7/2013	<0.002				
5/20/2014				<0.002	<0.002
5/21/2014	<0.002	<0.002	<0.002		
11/12/2014		<0.002	<0.002	<0.002	<0.002
11/13/2014	<0.002				
5/23/2015	<0.002	<0.002	<0.002		<0.002
5/24/2015				<0.002	
11/11/2015	<0.002				
11/12/2015		<0.002	<0.002	<0.002	<0.002
4/13/2016		<0.002	<0.002	<0.002	0.000646 (J)
4/19/2016	<0.002				
6/21/2016			<0.002	<0.002	<0.002
6/22/2016		<0.002			
8/15/2016		<0.002	<0.002	<0.002	<0.002
10/5/2016			<0.002	<0.002	<0.002
10/6/2016		<0.002			
10/10/2016	<0.002				
12/1/2016	<0.002	<0.002	<0.002	<0.002	<0.002
2/8/2017		<0.002	<0.002	<0.002	<0.002
2/9/2017	<0.002				
4/5/2017					<0.002
4/6/2017		<0.002	<0.002	<0.002	
4/7/2017	<0.002				
6/20/2017				<0.002	<0.002
6/21/2017	<0.002	<0.002	<0.002		
8/15/2017	<0.002				
9/1/2017	<0.002				
10/5/2017		<0.002	<0.002	<0.002	<0.002
10/9/2017	<0.002				
3/21/2018		<0.002	<0.002	<0.002	<0.002
3/22/2018	<0.002				
10/2/2018		<0.002	<0.002	<0.002	<0.002

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Antimony (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
10/4/2018	<0.002				
3/26/2019					<0.002
3/27/2019	<0.002	<0.002	<0.002	<0.002	
9/11/2019	<0.002	<0.002	<0.002	<0.002	<0.002
3/18/2020	<0.002	<0.002	<0.002	<0.002	<0.002
9/9/2020	<0.002	<0.002	<0.002		
9/10/2020				<0.002	<0.002
4/1/2021		<0.002	<0.002	<0.002	<0.002
4/5/2021	<0.002				
8/11/2021				<0.002	<0.002
8/12/2021	<0.002	<0.002			
8/17/2021			<0.002		
2/15/2022	<0.002	<0.002	<0.002		
2/16/2022				<0.002	<0.002
8/25/2022	<0.002	<0.002	<0.002	<0.002	
8/26/2022					<0.002
2/21/2023			<0.002		
2/27/2023	<0.002	<0.002		<0.002	<0.002
8/8/2023	<0.002	<0.002			
8/9/2023			<0.002	<0.002	<0.002
2/29/2024	<0.002			<0.002	<0.002
3/1/2024		<0.002	<0.002		
8/6/2024	<0.002	<0.002	<0.002	<0.002	<0.002
2/24/2025	<0.002	<0.002	<0.002	<0.002	<0.002

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Antimony (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
5/9/2010	<0.002	<0.002			
5/10/2010			<0.002		
5/11/2010				<0.002	<0.002
6/16/2010			<0.002	<0.002	
6/17/2010					<0.002
6/18/2010	<0.002	<0.002			
7/26/2010			<0.002		
7/27/2010				<0.002	<0.002
7/28/2010		<0.002			
7/29/2010	<0.002				
9/7/2010			<0.002	<0.002	<0.002
9/9/2010	<0.002	<0.002			
4/26/2011	<0.002				
4/29/2011			<0.002	<0.002	<0.002
4/30/2011		<0.002			
10/28/2011	<0.002	<0.002	<0.002	<0.002	<0.002
5/2/2012			<0.002	<0.002	
5/3/2012		<0.002			<0.002
5/4/2012	<0.002				
11/9/2012			<0.002	<0.002	
11/10/2012		<0.002			<0.002
11/11/2012	<0.002				
5/8/2013	<0.002	<0.002	<0.002		
5/9/2013				<0.002	<0.002
11/5/2013		<0.002			
11/6/2013			<0.002	<0.002	<0.002
11/7/2013	<0.002				
5/20/2014	<0.002	<0.002			
5/22/2014				<0.002	<0.002
5/23/2014			<0.002		
11/8/2014			<0.002	<0.002	
11/9/2014					<0.002
11/12/2014	<0.002	<0.002			
5/22/2015			<0.002	<0.002	<0.002
5/24/2015	<0.002	<0.002			
11/10/2015			<0.002	<0.002	<0.002
11/11/2015		<0.002			
11/12/2015	<0.002				
4/11/2016			<0.002	<0.002	
4/12/2016					<0.002
4/13/2016	<0.002	<0.002			
6/16/2016			0.00018 (J)	0.00014 (J)	<0.002
6/21/2016	0.0003 (J)	<0.002			
8/11/2016			<0.002	<0.002	<0.002
8/15/2016	<0.002	<0.002			
10/4/2016		<0.002			
10/5/2016			<0.002	<0.002	<0.002
10/7/2016	<0.002				
11/29/2016			<0.002	<0.002	
11/30/2016					<0.002
12/1/2016	<0.002	<0.002			
2/7/2017		<0.002			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Antimony (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
2/8/2017			<0.002	<0.002	<0.002
2/9/2017	<0.002				
4/5/2017				<0.002	
4/6/2017	<0.002	<0.002	<0.002		<0.002
6/20/2017		<0.002			
6/21/2017			<0.002	<0.002	<0.002
6/22/2017	<0.002				
10/5/2017		<0.002	<0.002	<0.002	<0.002
10/6/2017	<0.002				
3/20/2018		<0.002	<0.002	<0.002	
3/21/2018					<0.002
3/22/2018	<0.002				
10/2/2018		<0.002	<0.002	<0.002	
10/3/2018	<0.002				<0.002
3/26/2019	<0.002	<0.002	<0.002	<0.002	<0.002
9/11/2019	<0.002	<0.002	0.00039 (J)		
9/12/2019				<0.002	<0.002
3/18/2020	<0.002	<0.002	<0.002		
3/19/2020				<0.002	<0.002
9/9/2020		<0.002	<0.002	<0.002	
9/10/2020	<0.002				<0.002
4/1/2021		<0.002	<0.002		
4/5/2021				<0.002	<0.002
4/6/2021	<0.002				
8/11/2021	<0.002	<0.002	<0.002	<0.002	<0.002
2/16/2022	<0.002	<0.002	<0.002	<0.002	<0.002
8/25/2022			<0.002	<0.002	<0.002
8/26/2022	<0.002	<0.002			
2/27/2023	<0.002	<0.002			
2/28/2023			<0.002	<0.002	<0.002
8/8/2023				<0.002	<0.002
8/9/2023	<0.002	<0.002	<0.002		
2/29/2024			<0.002	<0.002	
3/1/2024	<0.002	<0.002			<0.002
8/6/2024	<0.002		<0.002	<0.002	<0.002
8/8/2024		<0.002			
2/24/2025	<0.002				
2/25/2025		<0.002	<0.002	<0.002	<0.002

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
5/8/2010			<0.001		
5/9/2010	<0.001	<0.001			
5/11/2010				<0.001	<0.001
6/16/2010		<0.001	<0.001		
6/17/2010				<0.001	
6/18/2010	<0.001				
6/19/2010					<0.001
7/26/2010			<0.001		
7/27/2010		<0.001		<0.001	<0.001
7/28/2010	<0.001				
9/7/2010		<0.001	<0.001		
9/9/2010	<0.001			<0.001	<0.001
4/28/2011				<0.001	<0.001
4/29/2011		<0.001	<0.001		
4/30/2011	<0.001				
10/28/2011	<0.001	<0.001	<0.001		<0.001
10/29/2011				<0.001	
5/2/2012	<0.001	<0.001	<0.001		
5/3/2012				<0.001	<0.001
11/9/2012	<0.001	<0.001	<0.001	<0.001	<0.001
5/8/2013	<0.001	<0.001	<0.001		
5/9/2013				<0.001	<0.001
11/5/2013	<0.001			<0.001	<0.001
11/6/2013		<0.001	<0.001		
5/20/2014	<0.001	<0.001	<0.001		
5/22/2014					<0.001
5/23/2014				<0.001	
11/8/2014		<0.001	<0.001		
11/12/2014	<0.001				
11/13/2014				<0.001	<0.001
5/22/2015	<0.001	<0.001	<0.001		
5/23/2015				<0.001	
5/24/2015					<0.001
11/9/2015		<0.001	<0.001		
11/11/2015	<0.001			<0.001	<0.001
4/6/2016	<0.001	<0.001	<0.001		
4/12/2016				<0.001	<0.001
6/15/2016	<0.001	<0.001	<0.001		
6/16/2016				6E-05 (J)	5.5E-05 (J)
8/10/2016	<0.001	<0.001	<0.001		
8/11/2016				<0.001	<0.001
10/4/2016	<0.001	<0.001		0.00079 (J)	<0.001
10/5/2016			<0.001		
11/29/2016		<0.001	<0.001		
11/30/2016	<0.001			<0.001	<0.001
2/7/2017	0.0009 (J)	<0.001	<0.001	<0.001	<0.001
4/4/2017	<0.001	<0.001	<0.001		
4/5/2017				<0.001	
4/6/2017					<0.001
6/20/2017	<0.001	<0.001	<0.001	<0.001	<0.001
10/4/2017	<0.001			<0.001	<0.001
10/5/2017		<0.001	<0.001		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
3/20/2018	<0.001	<0.001	<0.001	<0.001	<0.001
10/2/2018	<0.001	<0.001	<0.001	<0.001	<0.001
3/26/2019	<0.001	<0.001	<0.001	<0.001	<0.001
9/10/2019	0.00032 (J)	0.00049 (J)	0.00069 (J)	0.00033 (J)	0.00038 (J)
3/18/2020	<0.001	<0.001	<0.001	<0.001	<0.001
9/9/2020	<0.001	<0.001	<0.001	<0.001	<0.001
4/1/2021	<0.001	<0.001	<0.001	<0.001	<0.001
8/11/2021	<0.001	<0.001	<0.001		
8/12/2021					<0.001
8/18/2021				<0.001	
2/15/2022	<0.001	<0.001	<0.001	<0.001	<0.001
8/24/2022			<0.001	<0.001	
8/25/2022	<0.001	<0.001			
8/26/2022					<0.001
2/27/2023				<0.001	<0.001
2/28/2023	<0.001	<0.001	<0.001		
8/3/2023	<0.001	<0.001	<0.001		
8/9/2023				<0.001	<0.001
2/28/2024		<0.001	<0.001		
3/1/2024				<0.001	<0.001
3/4/2024	<0.001				
8/6/2024	<0.001	<0.001	<0.001	<0.001	<0.001
2/25/2025	<0.001	<0.001		<0.001	<0.001
2/26/2025			<0.001		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
5/10/2010					<0.001
5/11/2010	<0.001	<0.001	<0.001	<0.001	
6/17/2010	<0.001	<0.001			
6/18/2010			<0.001	<0.001	<0.001
7/27/2010			<0.001	<0.001	
7/28/2010	<0.001	<0.001			<0.001
9/7/2010	<0.001				
9/8/2010		<0.001			
9/9/2010			<0.001	<0.001	<0.001
4/28/2011		<0.001			
4/29/2011	<0.001		<0.001		
4/30/2011				<0.001	<0.001
10/28/2011	<0.001		<0.001		
10/29/2011		<0.001		<0.001	<0.001
5/3/2012	<0.001	<0.001			
5/4/2012			<0.001	<0.001	<0.001
11/9/2012	<0.001				
11/10/2012		<0.001	<0.001	<0.001	<0.001
5/9/2013			<0.001	<0.001	<0.001
5/10/2013	<0.001	<0.001			
11/6/2013	<0.001	<0.001	<0.001		
11/7/2013				<0.001	<0.001
5/21/2014				<0.001	<0.001
5/22/2014	<0.001	<0.001	<0.001		
11/9/2014	<0.001	<0.001	<0.001	<0.001	
11/12/2014					<0.001
5/22/2015	<0.001	<0.001			
5/24/2015			<0.001	<0.001	<0.001
11/10/2015	<0.001				
11/11/2015		<0.001	<0.001	<0.001	<0.001
4/12/2016	<0.001	<0.001		<0.001	
4/13/2016					<0.001
4/19/2016			<0.001		
6/20/2016	<0.001	<0.001		6.3E-05 (J)	<0.001
6/22/2016			0.0008 (J)		
8/12/2016	0.00053 (J)	<0.001		<0.001	
8/15/2016					<0.001
8/16/2016			<0.001		
10/5/2016	<0.001				
10/6/2016		<0.001	<0.001	<0.001	<0.001
11/30/2016	<0.001	<0.001		<0.001	
12/1/2016			<0.001		<0.001
2/8/2017	<0.001	0.00047 (J)			
2/9/2017			0.0014	<0.001	<0.001
4/6/2017	<0.001	<0.001	<0.001	<0.001	
4/7/2017					<0.001
6/21/2017	<0.001		<0.001	<0.001	
6/22/2017		<0.001			<0.001
10/5/2017	<0.001		<0.001		
10/6/2017		<0.001		<0.001	<0.001
3/21/2018	0.00089 (J)	<0.001		<0.001	
3/22/2018			0.00046 (J)		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
10/3/2018	<0.001	<0.001	<0.001	<0.001	
10/4/2018					<0.001
3/26/2019	<0.001	<0.001		<0.001	
3/27/2019			<0.001		<0.001
9/10/2019	0.00032 (J)	0.00032 (J)			
9/11/2019			0.00038 (J)	0.00041 (J)	0.00038 (J)
3/18/2020	<0.001		<0.001	<0.001	
3/19/2020		<0.001			<0.001
9/9/2020			<0.001		
9/10/2020	<0.001	<0.001		<0.001	<0.001
4/1/2021			<0.001		<0.001
4/2/2021		<0.001			
4/5/2021				<0.001	
4/6/2021	<0.001				
8/11/2021				<0.001	<0.001
8/12/2021	<0.001	<0.001	<0.001		
2/15/2022	<0.001	<0.001	<0.001	<0.001	<0.001
8/25/2022	<0.001	<0.001	<0.001	<0.001	<0.001
2/27/2023		<0.001		<0.001	<0.001
2/28/2023	<0.001		<0.001		
8/8/2023		<0.001	<0.001	<0.001	<0.001
8/9/2023	<0.001				
2/29/2024		<0.001	<0.001	<0.001	<0.001
3/4/2024	<0.001				
8/6/2024			<0.001		<0.001
8/7/2024	<0.001	<0.001		<0.001	
2/24/2025				<0.001	<0.001
2/25/2025	<0.001	<0.001	<0.001		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
5/9/2010					<0.001
5/10/2010	<0.001	<0.001	<0.001	<0.001	
6/16/2010		<0.001	<0.001	<0.001	
6/18/2010					<0.001
6/19/2010	<0.001				
7/27/2010		<0.001		<0.001	<0.001
7/28/2010	<0.001		<0.001		
9/8/2010	<0.001	<0.001	<0.001	<0.001	<0.001
4/29/2011		<0.001	<0.001	<0.001	<0.001
4/30/2011	<0.001				
10/27/2011	<0.001	<0.001	<0.001	<0.001	
10/28/2011					<0.001
5/3/2012		<0.001			<0.001
5/4/2012	<0.001		<0.001	<0.001	
11/10/2012				<0.001	<0.001
11/11/2012	<0.001	<0.001	<0.001		
5/9/2013		<0.001	<0.001	<0.001	<0.001
5/10/2013	<0.001				
11/5/2013			<0.001		
11/6/2013		<0.001		<0.001	<0.001
11/7/2013	<0.001				
5/20/2014				<0.001	<0.001
5/21/2014	<0.001	<0.001	<0.001		
11/12/2014		<0.001	<0.001	<0.001	<0.001
11/13/2014	<0.001				
5/23/2015	<0.001	<0.001	<0.001		<0.001
5/24/2015				<0.001	
11/11/2015	<0.001				
11/12/2015		<0.001	<0.001	<0.001	<0.001
4/13/2016		<0.001	<0.001	<0.001	<0.001
4/19/2016	<0.001				
6/21/2016			<0.001	<0.001	<0.001
6/22/2016		<0.001			
8/15/2016		<0.001	<0.001	<0.001	<0.001
10/5/2016			<0.001	<0.001	<0.001
10/6/2016		<0.001			
10/10/2016	<0.001				
12/1/2016	<0.001	<0.001	<0.001	<0.001	<0.001
2/8/2017		<0.001	<0.001	<0.001	<0.001
2/9/2017	0.001 (J)				
4/5/2017					<0.001
4/6/2017		<0.001	<0.001	<0.001	
4/7/2017	<0.001				
6/20/2017				<0.001	<0.001
6/21/2017	0.0014	<0.001	<0.001		
8/15/2017	0.00086 (J)				
9/1/2017	0.00075 (J)				
10/5/2017		<0.001	<0.001	<0.001	<0.001
10/9/2017	0.0013				
3/21/2018		<0.001	<0.001	<0.001	<0.001
3/22/2018	0.00075 (J)				
10/2/2018		<0.001	<0.001	<0.001	<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
10/4/2018	<0.001				
3/26/2019					<0.001
3/27/2019	0.0012 (J)	0.00062 (J)	<0.001	<0.001	
9/11/2019	0.001 (J)	0.00055 (J)	0.00055 (J)	0.00045 (J)	0.00038 (J)
3/18/2020	0.00042 (J)	<0.001	<0.001	<0.001	<0.001
9/9/2020	0.00092 (J)	<0.001	<0.001		
9/10/2020				<0.001	<0.001
4/1/2021		<0.001	<0.001	<0.001	<0.001
4/5/2021	0.00097 (J)				
8/11/2021				<0.001	<0.001
8/12/2021	0.00081 (J)	<0.001			
8/17/2021			<0.001		
2/15/2022	0.00047 (J)	<0.001	<0.001		
2/16/2022				<0.001	<0.001
8/25/2022	0.00048 (J)	0.00037 (J)	<0.001	<0.001	
8/26/2022					<0.001
2/21/2023			<0.001		
2/27/2023	0.0005 (J)	<0.001		<0.001	<0.001
8/8/2023	0.00091 (J)	<0.001			
8/9/2023			<0.001	<0.001	<0.001
2/29/2024	0.00089 (J)			<0.001	<0.001
3/1/2024		<0.001	<0.001		
8/6/2024	<0.001	<0.001	<0.001	<0.001	<0.001
2/24/2025	<0.001	<0.001	<0.001	<0.001	<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
5/9/2010	<0.001	<0.001			
5/10/2010			<0.001		
5/11/2010				<0.001	<0.001
6/16/2010			<0.001	<0.001	
6/17/2010					<0.001
6/18/2010	<0.001	<0.001			
7/26/2010			<0.001		
7/27/2010				<0.001	<0.001
7/28/2010		<0.001			
7/29/2010	<0.001				
9/7/2010			<0.001	<0.001	<0.001
9/9/2010	<0.001	<0.001			
4/26/2011	<0.001				
4/29/2011			<0.001	<0.001	<0.001
4/30/2011		<0.001			
10/28/2011	<0.001	<0.001	<0.001	<0.001	<0.001
5/2/2012			<0.001	<0.001	
5/3/2012		<0.001			<0.001
5/4/2012	<0.001				
11/9/2012			<0.001	<0.001	
11/10/2012		<0.001			<0.001
11/11/2012	<0.001				
5/8/2013	<0.001	<0.001	<0.001		
5/9/2013				<0.001	<0.001
11/5/2013		<0.001			
11/6/2013			<0.001	<0.001	<0.001
11/7/2013	<0.001				
5/20/2014	<0.001	<0.001			
5/22/2014				<0.001	<0.001
5/23/2014			<0.001		
11/8/2014			<0.001	<0.001	
11/9/2014					<0.001
11/12/2014	<0.001	<0.001			
5/22/2015			<0.001	<0.001	<0.001
5/24/2015	<0.001	<0.001			
11/10/2015			<0.001	<0.001	<0.001
11/11/2015		<0.001			
11/12/2015	<0.001				
4/11/2016			<0.001	<0.001	
4/12/2016					<0.001
4/13/2016	<0.001	<0.001			
6/16/2016			<0.001	5.1E-05 (J)	5.4E-05 (J)
6/21/2016	<0.001	<0.001			
8/11/2016			<0.001	<0.001	<0.001
8/15/2016	<0.001	<0.001			
10/4/2016		<0.001			
10/5/2016			<0.001	<0.001	<0.001
10/7/2016	<0.001				
11/29/2016			<0.001	<0.001	
11/30/2016					<0.001
12/1/2016	<0.001	<0.001			
2/7/2017		0.00062 (J)			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
2/8/2017			<0.001	<0.001	<0.001
2/9/2017	<0.001				
4/5/2017				<0.001	
4/6/2017	<0.001	<0.001	<0.001		<0.001
6/20/2017		<0.001			
6/21/2017			<0.001	<0.001	<0.001
6/22/2017	<0.001				
10/5/2017		<0.001	<0.001	<0.001	<0.001
10/6/2017	<0.001				
3/20/2018		<0.001	<0.001	<0.001	
3/21/2018					0.00078 (J)
3/22/2018	<0.001				
10/2/2018		<0.001	<0.001	<0.001	
10/3/2018	<0.001				<0.001
3/26/2019	<0.001	<0.001	<0.001	<0.001	<0.001
9/11/2019	0.00042 (J)	0.00045 (J)	0.00043 (J)		
9/12/2019				<0.001	<0.001
3/18/2020	<0.001	<0.001	<0.001		
3/19/2020				<0.001	<0.001
9/9/2020		<0.001	<0.001	<0.001	
9/10/2020	<0.001				<0.001
4/1/2021		<0.001	<0.001		
4/5/2021				<0.001	<0.001
4/6/2021	<0.001				
8/11/2021	<0.001	<0.001	<0.001	<0.001	<0.001
2/16/2022	<0.001	<0.001	<0.001	<0.001	<0.001
8/25/2022			<0.001	<0.001	<0.001
8/26/2022	<0.001	<0.001			
2/27/2023	<0.001	<0.001			
2/28/2023			<0.001	<0.001	<0.001
8/8/2023				<0.001	<0.001
8/9/2023	<0.001	<0.001	<0.001		
2/29/2024			<0.001	<0.001	
3/1/2024	<0.001	<0.001			<0.001
8/6/2024	<0.001		<0.001	<0.001	<0.001
8/8/2024		<0.001			
2/24/2025	<0.001				
2/25/2025		<0.001	<0.001	<0.001	<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Barium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
5/8/2010			0.048 (J)		
5/9/2010	0.01 (J)	0.031 (J)			
5/11/2010				0.054 (J)	0.048 (J)
6/16/2010		0.029 (J)	0.044 (J)		
6/17/2010				0.054 (J)	
6/18/2010	0.01 (J)				
6/19/2010					0.033 (J)
7/26/2010			0.042 (J)		
7/27/2010		0.029 (J)		0.054 (J)	0.047 (J)
7/28/2010	0.011 (J)				
9/7/2010		0.028 (J)	0.04 (J)		
9/9/2010	0.011 (J)			0.046 (J)	0.045 (J)
4/28/2011				0.057 (J)	0.048 (J)
4/29/2011		0.026 (J)	0.038 (J)		
4/30/2011	0.0091 (J)				
10/28/2011	0.0096 (J)	0.025	0.034		0.044
10/29/2011				0.046	
5/2/2012	0.012	0.025	0.03		
5/3/2012				0.049	0.047
11/9/2012	0.012	0.028	0.039	0.045	0.055
5/8/2013	0.01	0.029	0.034		
5/9/2013				0.053	0.049
11/5/2013	0.0098 (J)			0.045	0.045
11/6/2013		0.026	0.032		
5/20/2014	0.0081 (J)	0.025	0.03		
5/22/2014					0.04
5/23/2014				0.043	
11/8/2014		0.026	0.031		
11/12/2014	0.0098 (J)				
11/13/2014				0.046	0.045
5/22/2015	0.0088 (J)	0.026	0.033		
5/23/2015				0.046	
5/24/2015					0.045
11/9/2015		0.024	0.034		
11/11/2015	0.011			0.047	0.045
4/6/2016	0.00959 (J)	0.026	0.0347		
4/12/2016				0.0474	0.0519
6/15/2016	0.0091 (J)	0.023	0.029		
6/16/2016				0.044	0.045
8/10/2016	0.009	0.022	0.027		
8/11/2016				0.04	0.04
10/4/2016	0.0092	0.024		0.048	0.044
10/5/2016			0.029		
11/29/2016		0.023	0.024		
11/30/2016	0.011			0.043	0.044
2/7/2017	0.0099	0.024	0.029	0.042	0.044
4/4/2017	0.0092	0.022	0.03		
4/5/2017				0.041	
4/6/2017					0.041
6/20/2017	0.0099	0.025	0.036	0.046	0.045
10/4/2017	0.0098			0.044	0.047
10/5/2017		0.023	0.027		

Time Series

Constituent: Barium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
3/20/2018	0.01	0.023	0.027	0.042	0.045
10/2/2018	0.0099	0.023	0.027	0.043	0.044
3/26/2019	0.0099	0.024	0.031	0.044	0.045
9/10/2019	0.011	0.039	0.051	0.046	0.047
3/18/2020	0.01	0.027	0.031	0.049	0.048
9/9/2020	0.01	0.024	0.033	0.046	0.047
4/1/2021	0.0092 (J)	0.024	0.029	0.047	0.044
8/11/2021	0.01	0.023	0.029		
8/12/2021					0.048
8/18/2021				0.049	
2/15/2022	0.012	0.024	0.031	0.052	0.048
8/24/2022			0.031	0.043	
8/25/2022	0.012	0.025			
8/26/2022					0.045
2/27/2023				0.049	0.048
2/28/2023	0.01	0.025	0.03		
8/3/2023	0.01	0.026	0.027		
8/9/2023				0.048	0.045
2/28/2024		0.03	0.032		
3/1/2024				0.048	0.046
3/4/2024	0.01				
8/6/2024	0.01	0.031	0.033	0.051	0.052
2/25/2025	0.013	0.028		0.047	0.043
2/26/2025			0.027		

Time Series

Constituent: Barium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
5/10/2010					0.029 (J)
5/11/2010	0.039 (Jo)	0.031 (J)	0.034 (J)	0.053 (J)	
6/17/2010	0.017 (J)	0.033 (J)			
6/18/2010			0.028 (J)	0.055 (J)	0.044 (J)
7/27/2010			0.026 (J)	0.053 (J)	
7/28/2010	0.071 (JO)	0.033 (J)			0.028 (J)
9/7/2010	0.026 (J)				
9/8/2010		0.033 (J)			
9/9/2010			0.022 (J)	0.05 (J)	0.029 (J)
4/28/2011		0.039 (J)			
4/29/2011	0.016 (J)		0.016 (J)		
4/30/2011				0.05 (J)	0.025 (J)
10/28/2011	0.014		0.014		
10/29/2011		0.029		0.045	0.026
5/3/2012	0.017	0.036			
5/4/2012			0.017	0.051	0.032
11/9/2012	0.022				
11/10/2012		0.032	0.014	0.048	0.028
5/9/2013			0.016	0.048	0.03
5/10/2013	0.025	0.035			
11/6/2013	0.015	0.037	0.016		
11/7/2013				0.049	0.031
5/21/2014				0.048	0.029
5/22/2014	0.016	0.031	0.016		
11/9/2014	0.017	0.034	0.018	0.053	
11/12/2014					0.031
5/22/2015	0.017	0.039			
5/24/2015			0.11	0.061	0.039
11/10/2015	0.018				
11/11/2015		0.042	0.12	0.063	0.032
4/12/2016	0.0169	0.0386		0.0626	
4/13/2016					0.0328
4/19/2016			0.099		
6/20/2016	0.014	0.031		0.057	0.03
6/22/2016			0.074		
8/12/2016	0.018	0.033		0.053	
8/15/2016					0.033
8/16/2016			0.045		
10/5/2016	0.015				
10/6/2016		0.042	0.046	0.053	0.032
11/30/2016	0.018	0.04		0.06	
12/1/2016			0.046		0.034
2/8/2017	0.018	0.042			
2/9/2017			0.055	0.054	0.032
4/6/2017	0.017	0.041	0.057	0.055	
4/7/2017					0.031
6/21/2017	0.02		0.062	0.063	
6/22/2017		0.047			0.035
10/5/2017	0.017		0.052		
10/6/2017		0.045		0.054	0.034
3/21/2018	0.018	0.045		0.056	
3/22/2018			0.048		0.035

Time Series

Constituent: Barium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
10/3/2018	0.016	0.042	0.036	0.051	
10/4/2018					0.031
3/26/2019	0.015	0.053		0.052	
3/27/2019			0.038		0.033
9/10/2019	0.014	0.037			
9/11/2019			0.039	0.059	0.035
3/18/2020	0.013		0.04	0.05	
3/19/2020		0.045			0.036
9/9/2020			0.033		
9/10/2020	0.015	0.045		0.056	0.039
4/1/2021			0.04		0.036
4/2/2021		0.047			
4/5/2021				0.054	
4/6/2021	0.014				
8/11/2021				0.054	0.036
8/12/2021	0.019	0.049	0.036		
2/15/2022	0.013	0.055	0.038	0.057	0.035
8/25/2022	0.013	0.054	0.031	0.055	0.035
12/28/2022		0.065			
2/27/2023		0.081		0.052	0.036
2/28/2023	0.011		0.038		
8/8/2023		0.085	0.031	0.046	0.034
8/9/2023	0.013				
2/29/2024		0.1	0.042	0.06	0.041
3/4/2024	0.019				
8/6/2024			0.038		0.039
8/7/2024	0.02	0.097		0.047	
2/24/2025				0.07	0.043
2/25/2025	0.021	0.15	0.036		
4/22/2025		0.19 (R)		0.065 (R)	

Time Series

Constituent: Barium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
5/9/2010					0.017 (J)
5/10/2010	0.05 (J)	0.026 (J)	0.024 (J)	0.018 (J)	
6/16/2010		0.026 (J)	0.022 (J)	0.018 (J)	
6/18/2010					0.014 (J)
6/19/2010	0.045 (J)				
7/27/2010		0.029 (J)		0.018 (J)	0.015 (J)
7/28/2010	0.046 (J)		0.023 (J)		
9/8/2010	0.071 (J)	0.027 (J)	0.023 (J)	0.017 (J)	0.013 (J)
4/29/2011		0.02 (J)	0.022 (J)	0.016 (J)	0.016 (J)
4/30/2011	0.098 (J)				
10/27/2011	0.048	0.02	0.022	0.015	
10/28/2011					0.013
5/3/2012		0.021			0.012
5/4/2012	0.055		0.019	0.014	
11/10/2012				0.016	0.015
11/11/2012	0.05	0.028	0.025		
5/9/2013		0.026	0.024	0.016	0.015
5/10/2013	0.12				
11/5/2013			0.025		
11/6/2013		0.026		0.016	0.015
11/7/2013	0.044				
5/20/2014				0.016	0.015
5/21/2014	0.037	0.023	0.024		
11/12/2014		0.038	0.026	0.017	0.018
11/13/2014	0.085				
5/23/2015	0.054	0.021	0.026		0.016
5/24/2015				0.017	
11/11/2015	0.059				
11/12/2015		0.02	0.026	0.016	0.015
4/13/2016		0.0164	0.0258	0.0159	0.0166
4/19/2016	0.0415				
6/21/2016			0.0286	0.018	0.0173
6/22/2016		0.0238			
8/15/2016		0.02	0.024	0.015	0.015
10/5/2016			0.026	0.016	0.016
10/6/2016		0.021			
10/10/2016	0.034				
12/1/2016	0.037	0.025	0.028	0.016	0.016
2/8/2017		0.017	0.027	0.015	0.016
2/9/2017	0.043				
4/5/2017					0.016
4/6/2017		0.019	0.027	0.016	
4/7/2017	0.019				
6/20/2017				0.016	0.017
6/21/2017	0.017	0.026	0.031		
8/15/2017	0.021				
9/1/2017	0.02				
10/5/2017		0.022	0.029	0.016	0.017
10/9/2017	0.019				
3/21/2018		0.021	0.028	0.016	0.017
3/22/2018	0.019				
10/2/2018		0.023	0.029	0.016	0.016

Time Series

Constituent: Barium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
10/4/2018	0.012				
3/26/2019					0.017
3/27/2019	0.025	0.018	0.027	0.015	
9/11/2019	0.022	0.028	0.033	0.017	0.017
3/18/2020	0.043	0.013	0.036	0.019	0.018
9/9/2020	0.053	0.025	0.036		
9/10/2020				0.02	0.019
4/1/2021		0.018	0.034	0.018	0.018
4/5/2021	0.045				
8/11/2021				0.017	0.018
8/12/2021	0.026	0.023			
8/17/2021			0.04		
10/18/2021			0.031		
2/15/2022	0.048	0.023	0.036		
2/16/2022				0.018	0.018
8/25/2022	0.03	0.04	0.035	0.018	
8/26/2022					0.018
2/21/2023			0.033		
2/27/2023	0.055	0.025		0.019	0.019
8/8/2023	0.051	0.027			
8/9/2023			0.032	0.019	0.02
2/29/2024	0.042			0.02	0.019
3/1/2024		0.026	0.036		
8/6/2024	0.029	0.03	0.034	0.017	0.018
2/24/2025	0.039	0.029	0.035	0.02	0.02

Time Series

Constituent: Barium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
5/9/2010	0.029 (J)	0.01 (J)			
5/10/2010			0.039 (J)		
5/11/2010				0.018 (J)	0.032 (J)
6/16/2010			0.041 (J)	0.017 (J)	
6/17/2010					0.031 (J)
6/18/2010	0.028 (J)	0.0097 (J)			
7/26/2010			0.04 (J)		
7/27/2010				0.016 (J)	0.035 (J)
7/28/2010		0.0096 (J)			
7/29/2010	0.029 (J)				
9/7/2010			0.038 (J)	0.017 (J)	0.032 (J)
9/9/2010	0.028 (J)	0.01 (J)			
4/26/2011	0.038 (J)				
4/29/2011			0.034 (J)	0.018 (J)	0.031 (J)
4/30/2011		0.0096 (J)			
10/28/2011	0.026	0.0064 (JO)	0.035	0.016	0.03
5/2/2012			0.038	0.018	
5/3/2012		0.0054 (JO)			0.032
5/4/2012	0.024				
11/9/2012			0.035	0.017	
11/10/2012		0.0094 (J)			0.028
11/11/2012	0.027				
5/8/2013	0.045	0.0093 (J)	0.037		
5/9/2013				0.017	0.029
11/5/2013		0.009 (J)			
11/6/2013			0.036	0.018	0.03
11/7/2013	0.026				
5/20/2014	0.024	0.009 (J)			
5/22/2014				0.016	0.029
5/23/2014			0.036		
11/8/2014			0.038	0.018	
11/9/2014					0.032
11/12/2014	0.029	0.0098 (J)			
5/22/2015			0.035	0.018	0.029
5/24/2015	0.027	0.0096 (J)			
11/10/2015			0.032	0.017	0.026
11/11/2015		0.0092 (J)			
11/12/2015	0.029				
4/11/2016			0.0352	0.0191	
4/12/2016					0.033
4/13/2016	0.029	0.00929 (J)			
6/16/2016			0.033	0.017	0.028
6/21/2016	0.0306	0.0106			
8/11/2016			0.035	0.015	0.026
8/15/2016	0.026	0.0077			
10/4/2016		0.0091			
10/5/2016			0.032	0.018	0.03
10/7/2016	0.031				
11/29/2016			0.034	0.017	
11/30/2016					0.03
12/1/2016	0.031	0.0089			
2/7/2017		0.0089			

Time Series

Constituent: Barium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
2/8/2017			0.032	0.017	0.033
2/9/2017	0.032				
4/5/2017				0.017	
4/6/2017	0.029	0.0085	0.031		0.033
6/20/2017		0.0097			
6/21/2017			0.035	0.019	0.03
6/22/2017	0.034				
10/5/2017		0.0096	0.034	0.018	0.028
10/6/2017	0.031				
3/20/2018		0.0091	0.033	0.019	
3/21/2018					0.03
3/22/2018	0.034				
10/2/2018		0.0096	0.032	0.018	
10/3/2018	0.03				0.028
3/26/2019	0.035	0.0092	0.033	0.018	0.03
9/11/2019	0.035	0.011	0.035		
9/12/2019				0.026	0.035
3/18/2020	0.058	0.0099 (J)	0.036		
3/19/2020				0.025	0.032
9/9/2020		0.01	0.036	0.026	
9/10/2020	0.037				0.031
4/1/2021		0.0095 (J)	0.035		
4/5/2021				0.028	0.029
4/6/2021	0.038				
8/11/2021	0.037	0.012	0.037	0.031	0.031
2/16/2022	0.035	0.011	0.034	0.027	0.03
8/25/2022			0.035	0.03	0.031
8/26/2022	0.035	0.011			
2/27/2023	0.04	0.011			
2/28/2023			0.035	0.031	0.032
8/8/2023				0.032	0.035
8/9/2023	0.04	0.012	0.037		
2/29/2024			0.037	0.033	
3/1/2024	0.039	0.012			0.036
8/6/2024	0.036		0.037	0.035	0.037
8/8/2024		0.013			
2/24/2025	0.041				
2/25/2025		0.011	0.036	0.033	0.038

Time Series

Constituent: Beryllium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
5/8/2010			<0.0025		
5/9/2010	<0.0025	<0.0025			
5/11/2010				<0.0025	<0.0025
6/16/2010		<0.0025	<0.0025		
6/17/2010				<0.0025	
6/18/2010	<0.0025				
6/19/2010					<0.0025
7/26/2010			<0.0025		
7/27/2010		<0.0025		<0.0025	<0.0025
7/28/2010	<0.0025				
9/7/2010		<0.0025	<0.0025		
9/9/2010	<0.0025			<0.0025	<0.0025
4/28/2011				<0.0025	<0.0025
4/29/2011		<0.0025	<0.0025		
4/30/2011	<0.0025				
10/28/2011	<0.0025	<0.0025	<0.0025		<0.0025
10/29/2011				<0.0025	
5/2/2012	<0.0025	<0.0025	<0.0025		
5/3/2012				<0.0025	<0.0025
11/9/2012	<0.0025	<0.0025	0.0021 (J)	<0.0025	<0.0025
5/8/2013	<0.0025	<0.0025	<0.0025		
5/9/2013				<0.0025	<0.0025
11/5/2013	<0.0025			<0.0025	<0.0025
11/6/2013		<0.0025	<0.0025		
5/20/2014	<0.0025	<0.0025	<0.0025		
5/22/2014					<0.0025
5/23/2014				<0.0025	
11/8/2014		<0.0025	<0.0025		
11/12/2014	<0.0025				
11/13/2014				<0.0025	<0.0025
5/22/2015	<0.0025	<0.0025	<0.0025		
5/23/2015				<0.0025	
5/24/2015					<0.0025
11/9/2015		<0.0025	<0.0025		
11/11/2015	<0.0025			<0.0025	<0.0025
4/6/2016	<0.0025	<0.0025	<0.0025		
4/12/2016				<0.0025	<0.0025
6/15/2016	<0.0025	<0.0025	<0.0025		
6/16/2016				<0.0025	<0.0025
8/10/2016	<0.0025	<0.0025	<0.0025		
8/11/2016				<0.0025	<0.0025
10/4/2016	<0.0025	<0.0025		<0.0025	<0.0025
10/5/2016			<0.0025		
11/29/2016		<0.0025	<0.0025		
11/30/2016	<0.0025			<0.0025	<0.0025
2/7/2017	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
4/4/2017	<0.0025	<0.0025	<0.0025		
4/5/2017				<0.0025	
4/6/2017					<0.0025
6/20/2017	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
10/4/2017	<0.0025			<0.0025	<0.0025
10/5/2017		<0.0025	<0.0025		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Beryllium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
3/20/2018	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
10/2/2018	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
3/26/2019	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
9/10/2019	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
3/18/2020	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
9/9/2020	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
4/1/2021	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
8/11/2021	<0.0025	<0.0025	<0.0025		
8/12/2021					<0.0025
8/18/2021				<0.0025	
2/15/2022	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
8/24/2022			<0.0025	<0.0025	
8/25/2022	<0.0025	<0.0025			
8/26/2022					<0.0025
2/27/2023				<0.0025	<0.0025
2/28/2023	<0.0025	<0.0025	<0.0025		
8/3/2023	<0.0025	<0.0025	<0.0025		
8/9/2023				<0.0025	<0.0025
2/28/2024		<0.0025	<0.0025		
3/1/2024				<0.0025	<0.0025
3/4/2024	<0.0025				
8/6/2024	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
2/25/2025	<0.0025	<0.0025		<0.0025	<0.0025
2/26/2025			<0.0025		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Beryllium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
5/10/2010					<0.0025
5/11/2010	<0.0025	<0.0025	<0.0025	<0.0025	
6/17/2010	<0.0025	<0.0025			
6/18/2010			<0.0025	<0.0025	<0.0025
7/27/2010			<0.0025	<0.0025	
7/28/2010	<0.0025	<0.0025			<0.0025
9/7/2010	<0.0025				
9/8/2010		<0.0025			
9/9/2010			<0.0025	<0.0025	<0.0025
4/28/2011		<0.0025			
4/29/2011	<0.0025		<0.0025		
4/30/2011				<0.0025	<0.0025
10/28/2011	<0.0025		<0.0025		
10/29/2011		<0.0025		<0.0025	<0.0025
5/3/2012	<0.0025	<0.0025			
5/4/2012			<0.0025	<0.0025	<0.0025
11/9/2012	<0.0025				
11/10/2012		<0.0025	<0.0025	<0.0025	<0.0025
5/9/2013			<0.0025	<0.0025	<0.0025
5/10/2013	<0.0025	<0.0025			
11/6/2013	<0.0025	<0.0025	<0.0025		
11/7/2013				<0.0025	<0.0025
5/21/2014				<0.0025	<0.0025
5/22/2014	<0.0025	<0.0025	<0.0025		
11/9/2014	<0.0025	<0.0025	<0.0025	<0.0025	
11/12/2014					<0.0025
5/22/2015	<0.0025	<0.0025			
5/24/2015			<0.0025	<0.0025	<0.0025
11/10/2015	<0.0025				
11/11/2015		<0.0025	<0.0025	<0.0025	<0.0025
4/12/2016	<0.0025	<0.0025		<0.0025	
4/13/2016					<0.0025
4/19/2016			<0.0025		
6/20/2016	5.8E-05 (J)	2.3E-05 (J)		3.2E-05 (J)	<0.0025
6/22/2016			<0.0025		
8/12/2016	<0.0025	<0.0025		<0.0025	
8/15/2016					<0.0025
8/16/2016			<0.0025		
10/5/2016	<0.0025				
10/6/2016		<0.0025	<0.0025	<0.0025	<0.0025
11/30/2016	<0.0025	<0.0025		<0.0025	
12/1/2016			<0.0025		<0.0025
2/8/2017	<0.0025	<0.0025			
2/9/2017			<0.0025	<0.0025	<0.0025
4/6/2017	<0.0025	<0.0025	<0.0025	<0.0025	
4/7/2017					<0.0025
6/21/2017	<0.0025		<0.0025	<0.0025	
6/22/2017		<0.0025			<0.0025
10/5/2017	<0.0025		<0.0025		
10/6/2017		<0.0025		<0.0025	<0.0025
3/21/2018	<0.0025	<0.0025		<0.0025	
3/22/2018			<0.0025		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Beryllium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
10/3/2018	<0.0025	<0.0025	<0.0025	<0.0025	
10/4/2018					<0.0025
3/26/2019	<0.0025	<0.0025		<0.0025	
3/27/2019			<0.0025		<0.0025
9/10/2019	<0.0025	<0.0025			
9/11/2019			<0.0025	<0.0025	<0.0025
3/18/2020	<0.0025		<0.0025	<0.0025	
3/19/2020		<0.0025			<0.0025
9/9/2020			<0.0025		
9/10/2020	<0.0025	<0.0025		<0.0025	0.00018 (J)
4/1/2021			<0.0025		<0.0025
4/2/2021		<0.0025			
4/5/2021				<0.0025	
4/6/2021	<0.0025				
8/11/2021				<0.0025	<0.0025
8/12/2021	<0.0025	<0.0025	0.00022 (J)		
2/15/2022	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
8/25/2022	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
2/27/2023		<0.0025		<0.0025	<0.0025
2/28/2023	<0.0025		<0.0025		
8/8/2023		<0.0025	<0.0025	<0.0025	<0.0025
8/9/2023	<0.0025				
2/29/2024		<0.0025	<0.0025	<0.0025	<0.0025
3/4/2024	<0.0025				
8/6/2024			<0.0025		<0.0025
8/7/2024	<0.0025	<0.0025		<0.0025	
2/24/2025				<0.0025	<0.0025
2/25/2025	<0.0025	<0.0025	<0.0025		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Beryllium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
5/9/2010					<0.0025
5/10/2010	<0.0025	<0.0025	<0.0025	<0.0025	
6/16/2010		<0.0025	<0.0025	<0.0025	
6/18/2010					<0.0025
6/19/2010	<0.0025				
7/27/2010		<0.0025		<0.0025	<0.0025
7/28/2010	<0.0025		<0.0025		
9/8/2010	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
4/29/2011		<0.0025	<0.0025	<0.0025	<0.0025
4/30/2011	<0.0025				
10/27/2011	<0.0025	<0.0025	<0.0025	<0.0025	
10/28/2011					<0.0025
5/3/2012		<0.0025			<0.0025
5/4/2012	<0.0025		<0.0025	<0.0025	
11/10/2012				<0.0025	<0.0025
11/11/2012	<0.0025	<0.0025	<0.0025		
5/9/2013		<0.0025	<0.0025	<0.0025	<0.0025
5/10/2013	<0.0025				
11/5/2013			<0.0025		
11/6/2013		<0.0025		<0.0025	<0.0025
11/7/2013	<0.0025				
5/20/2014				<0.0025	<0.0025
5/21/2014	<0.0025	<0.0025	<0.0025		
11/12/2014		<0.0025	<0.0025	<0.0025	<0.0025
11/13/2014	<0.0025				
5/23/2015	<0.0025	<0.0025	<0.0025		<0.0025
5/24/2015				<0.0025	
11/11/2015	<0.0025				
11/12/2015		<0.0025	<0.0025	<0.0025	<0.0025
4/13/2016		<0.0025	<0.0025	<0.0025	<0.0025
4/19/2016	<0.0025				
6/21/2016			<0.0025	<0.0025	<0.0025
6/22/2016		<0.0025			
8/15/2016		<0.0025	<0.0025	<0.0025	<0.0025
10/5/2016			<0.0025	<0.0025	<0.0025
10/6/2016		<0.0025			
10/10/2016	<0.0025				
12/1/2016	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
2/8/2017		<0.0025	<0.0025	<0.0025	<0.0025
2/9/2017	<0.0025				
4/5/2017					<0.0025
4/6/2017		<0.0025	<0.0025	<0.0025	
4/7/2017	<0.0025				
6/20/2017				<0.0025	<0.0025
6/21/2017	<0.0025	<0.0025	<0.0025		
8/15/2017	<0.0025				
9/1/2017	<0.0025				
10/5/2017		<0.0025	<0.0025	<0.0025	<0.0025
10/9/2017	<0.0025				
3/21/2018		<0.0025	<0.0025	<0.0025	<0.0025
3/22/2018	<0.0025				
10/2/2018		<0.0025	<0.0025	<0.0025	<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Beryllium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
10/4/2018	<0.0025				
3/26/2019					<0.0025
3/27/2019	<0.0025	<0.0025	<0.0025	<0.0025	
9/11/2019	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
3/18/2020	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
9/9/2020	<0.0025	<0.0025	<0.0025		
9/10/2020				<0.0025	<0.0025
4/1/2021		<0.0025	<0.0025	<0.0025	<0.0025
4/5/2021	0.00038 (J)				
8/11/2021				<0.0025	<0.0025
8/12/2021	<0.0025	<0.0025			
8/17/2021			<0.0025		
2/15/2022	<0.0025	<0.0025	<0.0025		
2/16/2022				<0.0025	<0.0025
8/25/2022	<0.0025	<0.0025	<0.0025	<0.0025	
8/26/2022					<0.0025
2/21/2023			<0.0025		
2/27/2023	<0.0025	<0.0025		<0.0025	<0.0025
8/8/2023	<0.0025	<0.0025			
8/9/2023			<0.0025	<0.0025	<0.0025
2/29/2024	<0.0025			<0.0025	<0.0025
3/1/2024		<0.0025	<0.0025		
8/6/2024	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
2/24/2025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Beryllium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
5/9/2010	<0.0025	<0.0025			
5/10/2010			<0.0025		
5/11/2010				<0.0025	<0.0025
6/16/2010			<0.0025	<0.0025	
6/17/2010					<0.0025
6/18/2010	<0.0025	<0.0025			
7/26/2010			<0.0025		
7/27/2010				<0.0025	<0.0025
7/28/2010		<0.0025			
7/29/2010	<0.0025				
9/7/2010			<0.0025	<0.0025	<0.0025
9/9/2010	<0.0025	<0.0025			
4/26/2011	<0.0025				
4/29/2011			<0.0025	<0.0025	<0.0025
4/30/2011		<0.0025			
10/28/2011	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
5/2/2012			<0.0025	<0.0025	
5/3/2012		<0.0025			<0.0025
5/4/2012	<0.0025				
11/9/2012			<0.0025	<0.0025	
11/10/2012		<0.0025			<0.0025
11/11/2012	<0.0025				
5/8/2013	<0.0025	<0.0025	<0.0025		
5/9/2013				<0.0025	<0.0025
11/5/2013		<0.0025			
11/6/2013			<0.0025	<0.0025	<0.0025
11/7/2013	<0.0025				
5/20/2014	<0.0025	<0.0025			
5/22/2014				<0.0025	<0.0025
5/23/2014			<0.0025		
11/8/2014			<0.0025	<0.0025	
11/9/2014					<0.0025
11/12/2014	<0.0025	<0.0025			
5/22/2015			<0.0025	<0.0025	<0.0025
5/24/2015	<0.0025	<0.0025			
11/10/2015			<0.0025	<0.0025	<0.0025
11/11/2015		<0.0025			
11/12/2015	<0.0025				
4/11/2016			<0.0025	<0.0025	
4/12/2016					<0.0025
4/13/2016	<0.0025	<0.0025			
6/16/2016			<0.0025	<0.0025	<0.0025
6/21/2016	<0.0025	<0.0025			
8/11/2016			<0.0025	<0.0025	<0.0025
8/15/2016	<0.0025	<0.0025			
10/4/2016		<0.0025			
10/5/2016			<0.0025	<0.0025	<0.0025
10/7/2016	<0.0025				
11/29/2016			<0.0025	<0.0025	
11/30/2016					<0.0025
12/1/2016	<0.0025	<0.0025			
2/7/2017		<0.0025			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Beryllium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
2/8/2017			<0.0025	<0.0025	<0.0025
2/9/2017	<0.0025				
4/5/2017				<0.0025	
4/6/2017	<0.0025	<0.0025	<0.0025		<0.0025
6/20/2017		<0.0025			
6/21/2017			<0.0025	<0.0025	<0.0025
6/22/2017	<0.0025				
10/5/2017		<0.0025	<0.0025	<0.0025	<0.0025
10/6/2017	<0.0025				
3/20/2018		<0.0025	<0.0025	<0.0025	
3/21/2018					<0.0025
3/22/2018	<0.0025				
10/2/2018		<0.0025	<0.0025	<0.0025	
10/3/2018	<0.0025				<0.0025
3/26/2019	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
9/11/2019	<0.0025	<0.0025	<0.0025		
9/12/2019				<0.0025	<0.0025
3/18/2020	<0.0025	<0.0025	<0.0025		
3/19/2020				<0.0025	<0.0025
9/9/2020		<0.0025	<0.0025	<0.0025	
9/10/2020	<0.0025				<0.0025
4/1/2021		<0.0025	<0.0025		
4/5/2021				<0.0025	<0.0025
4/6/2021	<0.0025				
8/11/2021	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
2/16/2022	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
8/25/2022			<0.0025	<0.0025	<0.0025
8/26/2022	<0.0025	<0.0025			
2/27/2023	<0.0025	<0.0025			
2/28/2023			<0.0025	<0.0025	<0.0025
8/8/2023				<0.0025	<0.0025
8/9/2023	<0.0025	<0.0025	<0.0025		
2/29/2024			<0.0025	<0.0025	
3/1/2024	<0.0025	<0.0025			<0.0025
8/6/2024	<0.0025		<0.0025	<0.0025	<0.0025
8/8/2024		<0.0025			
2/24/2025	<0.0025				
2/25/2025		<0.0025	<0.0025	<0.0025	<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Boron (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
4/6/2016	<0.08	<0.08	<0.08		
4/12/2016				<0.08	<0.08
6/15/2016	0.0031 (J)	<0.08	0.0028 (J)		
6/16/2016				0.0044 (J)	0.0034 (J)
8/10/2016	<0.08	<0.08	<0.08		
8/11/2016				<0.08	<0.08
10/4/2016	<0.08	<0.08		<0.08	<0.08
10/5/2016			<0.08		
11/29/2016		<0.08	<0.08		
11/30/2016	<0.08			<0.08	<0.08
2/7/2017	<0.08	<0.08	<0.08	<0.08	<0.08
4/4/2017	<0.08	<0.08	<0.08		
4/5/2017				<0.08	
4/6/2017					<0.08
6/20/2017	<0.08	<0.08	<0.08	<0.08	<0.08
10/4/2017	<0.08			<0.08	<0.08
10/5/2017		<0.08	<0.08		
3/20/2018	<0.08	<0.08	<0.08	<0.08	<0.08
10/2/2018	<0.08	<0.08	<0.08	<0.08	<0.08
3/26/2019	<0.08	<0.08	<0.08	<0.08	<0.08
9/10/2019	<0.08	<0.08	<0.08	<0.08	<0.08
3/18/2020	<0.08	<0.08	<0.08	<0.08	<0.08
9/9/2020	<0.08	<0.08	<0.08	<0.08	<0.08
4/1/2021	<0.08	<0.08	<0.08	0.053 (J)	<0.08
8/11/2021	<0.08	<0.08	<0.08		
8/12/2021					<0.08
8/18/2021				<0.08	
2/15/2022	<0.08	<0.08	<0.08	<0.08	<0.08
8/24/2022			<0.08	<0.08	
8/25/2022	<0.08	<0.08			
8/26/2022					<0.08
2/27/2023				<0.08	<0.08
2/28/2023	<0.08	<0.08	<0.08		
8/3/2023	0.03 (J)	<0.08	<0.08		
8/9/2023				<0.08	<0.08
2/28/2024		<0.08	<0.08		
3/1/2024				<0.08	0.023 (J)
3/4/2024	<0.08				
8/6/2024	<0.08	<0.08	<0.08	<0.08	<0.08
2/25/2025	<0.08	<0.08		<0.08	<0.08
2/26/2025			<0.08		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Boron (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
4/12/2016	<0.08	<0.08		<0.08	
4/13/2016					<0.08
4/19/2016			<0.1		
6/20/2016	0.0015 (J)	0.0026 (J)		<0.08	0.0019 (J)
6/22/2016			0.238		
8/12/2016	<0.08	<0.08		<0.08	
8/15/2016					<0.08
8/16/2016			0.39		
10/5/2016	<0.08				
10/6/2016		<0.08	0.34	<0.08	<0.08
11/30/2016	<0.08	<0.08		<0.08	
12/1/2016			0.37		<0.08
2/8/2017	<0.08	<0.08			
2/9/2017			0.38	<0.08	<0.08
4/6/2017	<0.08	<0.08	0.4	<0.08	
4/7/2017					<0.08
6/21/2017	<0.08		0.39	<0.08	
6/22/2017		<0.08			<0.08
10/5/2017	<0.08		0.47		
10/6/2017		<0.08		<0.08	<0.08
3/21/2018	<0.08	<0.08		<0.08	
3/22/2018			0.48		<0.08
10/3/2018	<0.08	<0.08	0.47	<0.08	
10/4/2018					<0.08
3/26/2019	<0.08	<0.08		<0.08	
3/27/2019			0.33		<0.08
9/10/2019	<0.08	<0.08			
9/11/2019			0.31	<0.08	<0.08
3/18/2020	<0.08		0.26	<0.08	
3/19/2020		<0.08			<0.08
9/9/2020			0.24		
9/10/2020	<0.08	<0.08		<0.08	<0.08
4/1/2021			0.23		<0.08
4/2/2021		<0.08			
4/5/2021				0.042 (J)	
4/6/2021	0.078 (J)				
8/11/2021				0.057 (J)	0.056 (J)
8/12/2021	<0.08	<0.08	0.19		
2/15/2022	<0.08	<0.08	0.19	<0.08	<0.08
8/25/2022	<0.08	<0.08	0.19	<0.08	<0.08
2/27/2023		<0.08		<0.08	<0.08
2/28/2023	<0.08		0.19		
8/8/2023		<0.08	0.15	<0.08	<0.08
8/9/2023	<0.08				
2/29/2024		<0.08	0.17	<0.08	<0.08
3/4/2024	<0.08				
8/6/2024			0.14		<0.08
8/7/2024	<0.08	0.13		0.085	
11/6/2024		0.022 (J)		<0.08	
2/24/2025				<0.08	<0.08
2/25/2025	<0.08	0.029 (J)	0.14		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Boron (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
4/13/2016		0.0774 (J)	<0.08	<0.08	<0.08
4/19/2016	0.145				
6/21/2016			0.0068 (J)	0.0053 (J)	0.0099 (J)
6/22/2016		0.0663 (J)			
8/15/2016		0.093	<0.08	<0.08	<0.08
10/5/2016			<0.08	<0.08	<0.08
10/6/2016		0.096			
10/10/2016	0.12				
12/1/2016	0.12	0.12	<0.08	<0.08	<0.08
2/8/2017		0.094	<0.08	<0.08	<0.08
2/9/2017	0.13				
4/5/2017					<0.08
4/6/2017		0.11	<0.08	<0.08	
4/7/2017	0.21				
6/20/2017				<0.08	<0.08
6/21/2017	0.23	0.1	<0.08		
8/15/2017	0.27				
9/1/2017	0.24				
10/5/2017		0.083	<0.08	<0.08	<0.08
10/9/2017	0.24				
3/21/2018		0.089	<0.08	<0.08	<0.08
3/22/2018	0.25				
10/2/2018		0.083	<0.08	<0.08	<0.08
10/4/2018	0.21				
3/26/2019					<0.08
3/27/2019	0.16	0.067	<0.08	<0.08	
9/11/2019	0.21	0.083	<0.08	<0.08	<0.08
3/18/2020	0.16	0.058 (J)	<0.08	<0.08	<0.08
9/9/2020	0.13	0.088	<0.08		
9/10/2020				<0.08	<0.08
4/1/2021		0.059 (J)	<0.08	<0.08	<0.08
4/5/2021	0.18				
8/11/2021				<0.08	<0.08
8/12/2021	0.23	0.1			
8/17/2021			<0.08		
2/15/2022	0.13	0.07 (J)	<0.08		
2/16/2022				<0.08	<0.08
8/25/2022	0.18	0.13	0.11	<0.08	
8/26/2022					<0.08
12/28/2022			0.098		
2/21/2023			<0.08		
2/27/2023	0.14	0.082		<0.08	<0.08
8/8/2023	0.14	0.087			
8/9/2023			<0.08	<0.08	<0.08
2/29/2024	0.15			<0.08	0.024 (J)
3/1/2024		0.085	<0.08		
8/6/2024	0.19	0.12	<0.08	<0.08	<0.08
2/24/2025	0.17	0.056 (J)	<0.08	<0.08	<0.08

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Boron (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
4/11/2016			<0.08	<0.08	
4/12/2016					<0.08
4/13/2016	<0.08	<0.08			
6/16/2016			0.0024 (J)	0.0026 (J)	0.0022 (J)
6/21/2016	0.0062 (J)	0.0115 (J)			
8/11/2016			<0.08	<0.08	<0.08
8/15/2016	<0.08	<0.08			
10/4/2016		<0.08			
10/5/2016			<0.08	<0.08	<0.08
10/7/2016	<0.08				
11/29/2016			<0.08	<0.08	
11/30/2016					<0.08
12/1/2016	<0.08	<0.08			
2/7/2017		<0.08			
2/8/2017			<0.08	<0.08	<0.08
2/9/2017	<0.08				
4/5/2017				<0.08	
4/6/2017	<0.08	<0.08	<0.08		<0.08
6/20/2017		<0.08			
6/21/2017			<0.08	<0.08	<0.08
6/22/2017	<0.08				
10/5/2017		<0.08	<0.08	<0.08	<0.08
10/6/2017	<0.08				
3/20/2018		<0.08	<0.08	<0.08	
3/21/2018					<0.08
3/22/2018	<0.08				
10/2/2018		<0.08	<0.08	<0.08	
10/3/2018	<0.08				<0.08
3/26/2019	<0.08	<0.08	<0.08	<0.08	<0.08
9/11/2019	<0.08	<0.08	<0.08		
9/12/2019				<0.08	<0.08
3/18/2020	<0.08	<0.08	<0.08		
3/19/2020				<0.08	<0.08
9/9/2020		<0.08	<0.08	<0.08	
9/10/2020	<0.08				<0.08
4/1/2021		<0.08	<0.08		
4/5/2021				<0.08	<0.08
4/6/2021	0.056 (J)				
8/11/2021	<0.08	<0.08	<0.08	<0.08	<0.08
2/16/2022	<0.08	<0.08	<0.08	<0.08	<0.08
8/25/2022			<0.08	<0.08	0.12
8/26/2022	<0.08	<0.08			
12/28/2022					<0.08
2/27/2023	<0.08	<0.08			
2/28/2023			<0.08	<0.08	<0.08
8/8/2023				<0.08	<0.08
8/9/2023	<0.08	<0.08	<0.08		
2/29/2024			<0.08	<0.08	
3/1/2024	<0.08	<0.08			0.025 (J)
8/6/2024	<0.08		<0.08	<0.08	<0.08
8/8/2024		<0.08			
2/24/2025	<0.08				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Boron (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
2/25/2025		<0.08	<0.08	<0.08	<0.08

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
5/8/2010			<0.0025		
5/9/2010	<0.0025	<0.0025			
5/11/2010				<0.0025	<0.0025
6/16/2010		<0.0025	<0.0025		
6/17/2010				<0.0025	
6/18/2010	<0.0025				
6/19/2010					<0.0025
7/26/2010			<0.0025		
7/27/2010		<0.0025		<0.0025	<0.0025
7/28/2010	<0.0025				
9/7/2010		<0.0025	<0.0025		
9/9/2010	<0.0025			<0.0025	<0.0025
4/28/2011				<0.0025	<0.0025
4/29/2011		<0.0025	<0.0025		
4/30/2011	<0.0025				
10/28/2011	<0.0025	<0.0025	<0.0025		<0.0025
10/29/2011				<0.0025	
5/2/2012	<0.0025	<0.0025	<0.0025		
5/3/2012				<0.0025	<0.0025
11/9/2012	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
5/8/2013	<0.0025	<0.0025	<0.0025		
5/9/2013				<0.0025	<0.0025
11/5/2013	<0.0025			<0.0025	<0.0025
11/6/2013		<0.0025	<0.0025		
5/20/2014	<0.0025	<0.0025	<0.0025		
5/22/2014					<0.0025
5/23/2014				<0.0025	
11/8/2014		<0.0025	<0.0025		
11/12/2014	<0.0025				
11/13/2014				<0.0025	<0.0025
5/22/2015	<0.0025	<0.0025	<0.0025		
5/23/2015				<0.0025	
5/24/2015					<0.0025
11/9/2015		<0.0025	<0.0025		
11/11/2015	<0.0025			<0.0025	<0.0025
4/6/2016	<0.0025	<0.0025	<0.0025		
4/12/2016				<0.0025	<0.0025
6/15/2016	<0.0025	<0.0025	<0.0025		
6/16/2016				<0.0025	<0.0025
8/10/2016	<0.0025	<0.0025	<0.0025		
8/11/2016				<0.0025	<0.0025
10/4/2016	<0.0025	<0.0025		<0.0025	<0.0025
10/5/2016			<0.0025		
11/29/2016		<0.0025	<0.0025		
11/30/2016	<0.0025			<0.0025	<0.0025
2/7/2017	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
4/4/2017	<0.0025	<0.0025	<0.0025		
4/5/2017				<0.0025	
4/6/2017					<0.0025
6/20/2017	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
10/4/2017	<0.0025			<0.0025	<0.0025
10/5/2017		<0.0025	<0.0025		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
3/20/2018	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
10/2/2018	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
3/26/2019	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
9/10/2019	<0.0025	<0.0025	0.00013 (J)	<0.0025	<0.0025
3/18/2020	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
9/9/2020	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
4/1/2021	<0.0025	<0.0025	<0.0025	<0.0025	0.00038 (J)
8/11/2021	<0.0025	<0.0025	<0.0025		
8/12/2021					<0.0025
8/18/2021				<0.0025	
2/15/2022	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
8/24/2022			<0.0025	<0.0025	
8/25/2022	<0.0025	<0.0025			
8/26/2022					<0.0025
2/27/2023				<0.0025	<0.0025
2/28/2023	<0.0025	<0.0025	<0.0025		
8/3/2023	<0.0025	<0.0025	<0.0025		
8/9/2023				<0.0025	<0.0025
2/28/2024		<0.0025	<0.0025		
3/1/2024				<0.0025	<0.0025
3/4/2024	<0.0025				
8/6/2024	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
2/25/2025	<0.0025	<0.0025		<0.0025	<0.0025
2/26/2025			<0.0025		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
5/10/2010					<0.0025
5/11/2010	<0.0025	<0.0025	<0.0025	<0.0025	
6/17/2010	<0.0025	<0.0025			
6/18/2010			<0.0025	<0.0025	<0.0025
7/27/2010			<0.0025	<0.0025	
7/28/2010	<0.0025	<0.0025			<0.0025
9/7/2010	<0.0025				
9/8/2010		<0.0025			
9/9/2010			<0.0025	<0.0025	<0.0025
4/28/2011		<0.0025			
4/29/2011	<0.0025		<0.0025		
4/30/2011				<0.0025	<0.0025
10/28/2011	<0.0025		<0.0025		
10/29/2011		<0.0025		<0.0025	<0.0025
5/3/2012	<0.0025	<0.0025			
5/4/2012			<0.0025	<0.0025	<0.0025
11/9/2012	<0.0025				
11/10/2012		<0.0025	<0.0025	<0.0025	<0.0025
5/9/2013			<0.0025	<0.0025	<0.0025
5/10/2013	<0.0025	<0.0025			
11/6/2013	<0.0025	<0.0025	<0.0025		
11/7/2013				<0.0025	<0.0025
5/21/2014				<0.0025	<0.0025
5/22/2014	<0.0025	<0.0025	<0.0025		
11/9/2014	<0.0025	<0.0025	<0.0025	<0.0025	
11/12/2014					<0.0025
5/22/2015	<0.0025	<0.0025			
5/24/2015			<0.0025	<0.0025	<0.0025
11/10/2015	<0.0025				
11/11/2015		<0.0025	<0.0025	<0.0025	<0.0025
4/12/2016	<0.0025	<0.0025		<0.0025	
4/13/2016					<0.0025
4/19/2016			<0.0025		
6/20/2016	<0.0025	<0.0025		<0.0025	<0.0025
6/22/2016			<0.0025		
8/12/2016	<0.0025	<0.0025		<0.0025	
8/15/2016					<0.0025
8/16/2016			<0.0025		
10/5/2016	<0.0025				
10/6/2016		<0.0025	<0.0025	<0.0025	<0.0025
11/30/2016	<0.0025	<0.0025		<0.0025	
12/1/2016			<0.0025		<0.0025
2/8/2017	<0.0025	<0.0025			
2/9/2017			<0.0025	<0.0025	<0.0025
4/6/2017	<0.0025	<0.0025	<0.0025	<0.0025	
4/7/2017					<0.0025
6/21/2017	<0.0025		<0.0025	<0.0025	
6/22/2017		<0.0025			<0.0025
10/5/2017	<0.0025		<0.0025		
10/6/2017		<0.0025		<0.0025	<0.0025
3/21/2018	<0.0025	<0.0025		<0.0025	
3/22/2018			<0.0025		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
10/3/2018	<0.0025	<0.0025	<0.0025	<0.0025	
10/4/2018					<0.0025
3/26/2019	<0.0025	<0.0025		<0.0025	
3/27/2019			<0.0025		<0.0025
9/10/2019	<0.0025	<0.0025			
9/11/2019			<0.0025	<0.0025	<0.0025
3/18/2020	<0.0025		<0.0025	<0.0025	
3/19/2020		<0.0025			<0.0025
9/9/2020			<0.0025		
9/10/2020	<0.0025	<0.0025		<0.0025	<0.0025
4/1/2021			<0.0025		<0.0025
4/2/2021		<0.0025			
4/5/2021				<0.0025	
4/6/2021	<0.0025				
8/11/2021				<0.0025	<0.0025
8/12/2021	<0.0025	<0.0025	<0.0025		
2/15/2022	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
8/25/2022	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
2/27/2023		<0.0025		<0.0025	<0.0025
2/28/2023	<0.0025		<0.0025		
8/8/2023		<0.0025	<0.0025	<0.0025	<0.0025
8/9/2023	<0.0025				
2/29/2024		<0.0025	<0.0025	<0.0025	<0.0025
3/4/2024	<0.0025				
8/6/2024			<0.0025		<0.0025
8/7/2024	<0.0025	<0.0025		<0.0025	
2/24/2025				<0.0025	<0.0025
2/25/2025	<0.0025	<0.0025	<0.0025		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
5/9/2010					<0.0025
5/10/2010	<0.0025	<0.0025	<0.0025	<0.0025	
6/16/2010		<0.0025	<0.0025	<0.0025	
6/18/2010					<0.0025
6/19/2010	<0.0025				
7/27/2010		<0.0025		<0.0025	<0.0025
7/28/2010	<0.0025		<0.0025		
9/8/2010	0.001 (J)	<0.0025	<0.0025	<0.0025	<0.0025
4/29/2011		<0.0025	<0.0025	<0.0025	<0.0025
4/30/2011	0.0014 (J)				
10/27/2011	0.0011 (J)	<0.0025	<0.0025	<0.0025	
10/28/2011					<0.0025
5/3/2012		<0.0025			<0.0025
5/4/2012	<0.0025		<0.0025	<0.0025	
11/10/2012				<0.0025	<0.0025
11/11/2012	<0.0025	<0.0025	<0.0025		
5/9/2013		<0.0025	<0.0025	<0.0025	<0.0025
5/10/2013	0.0016 (J)				
11/5/2013			<0.0025		
11/6/2013		<0.0025		<0.0025	<0.0025
11/7/2013	0.001 (J)				
5/20/2014				<0.0025	<0.0025
5/21/2014	<0.0025	<0.0025	<0.0025		
11/12/2014		<0.0025	<0.0025	<0.0025	<0.0025
11/13/2014	<0.0025				
5/23/2015	<0.0025	<0.0025	<0.0025		<0.0025
5/24/2015				<0.0025	
11/11/2015	<0.0025				
11/12/2015		<0.0025	<0.0025	<0.0025	<0.0025
4/13/2016		<0.0025	<0.0025	<0.0025	<0.0025
4/19/2016	0.000379 (J)				
6/21/2016			<0.0025	<0.0025	<0.0025
6/22/2016		<0.0025			
8/15/2016		<0.0025	<0.0025	<0.0025	<0.0025
10/5/2016			<0.0025	<0.0025	<0.0025
10/6/2016		<0.0025			
10/10/2016	<0.0025				
12/1/2016	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
2/8/2017		<0.0025	<0.0025	<0.0025	<0.0025
2/9/2017	0.00037 (J)				
4/5/2017					<0.0025
4/6/2017		<0.0025	<0.0025	<0.0025	
4/7/2017	<0.0025				
6/20/2017				<0.0025	<0.0025
6/21/2017	<0.0025	<0.0025	<0.0025		
8/15/2017	<0.0025				
9/1/2017	<0.0025				
10/5/2017		<0.0025	<0.0025	<0.0025	<0.0025
10/9/2017	<0.0025				
3/21/2018		<0.0025	<0.0025	<0.0025	<0.0025
3/22/2018	<0.0025				
10/2/2018		<0.0025	<0.0025	<0.0025	<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
10/4/2018	<0.0025				
3/26/2019					<0.0025
3/27/2019	<0.0025	<0.0025	<0.0025	<0.0025	
9/11/2019	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
3/18/2020	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
9/9/2020	<0.0025	<0.0025	<0.0025		
9/10/2020				0.001 (J)	<0.0025
4/1/2021		<0.0025	<0.0025	<0.0025	<0.0025
4/5/2021	0.0003 (J)				
8/11/2021				<0.0025	<0.0025
8/12/2021	<0.0025	<0.0025			
8/17/2021			<0.0025		
2/15/2022	<0.0025	<0.0025	<0.0025		
2/16/2022				<0.0025	<0.0025
8/25/2022	<0.0025	<0.0025	<0.0025	<0.0025	
8/26/2022					<0.0025
2/21/2023			<0.0025		
2/27/2023	<0.0025	<0.0025		<0.0025	<0.0025
8/8/2023	<0.0025	<0.0025			
8/9/2023			<0.0025	<0.0025	<0.0025
2/29/2024	<0.0025			<0.0025	<0.0025
3/1/2024		<0.0025	<0.0025		
8/6/2024	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
2/24/2025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
5/9/2010	<0.0025	<0.0025			
5/10/2010			<0.0025		
5/11/2010				<0.0025	<0.0025
6/16/2010			<0.0025	<0.0025	
6/17/2010					<0.0025
6/18/2010	<0.0025	<0.0025			
7/26/2010			<0.0025		
7/27/2010				<0.0025	<0.0025
7/28/2010		<0.0025			
7/29/2010	<0.0025				
9/7/2010			<0.0025	<0.0025	<0.0025
9/9/2010	<0.0025	<0.0025			
4/26/2011	<0.0025				
4/29/2011			<0.0025	<0.0025	<0.0025
4/30/2011		<0.0025			
10/28/2011	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
5/2/2012			<0.0025	<0.0025	
5/3/2012		<0.0025			<0.0025
5/4/2012	<0.0025				
11/9/2012			<0.0025	<0.0025	
11/10/2012		<0.0025			<0.0025
11/11/2012	<0.0025				
5/8/2013	<0.0025	<0.0025	<0.0025		
5/9/2013				<0.0025	<0.0025
11/5/2013		<0.0025			
11/6/2013			<0.0025	<0.0025	<0.0025
11/7/2013	<0.0025				
5/20/2014	<0.0025	<0.0025			
5/22/2014				<0.0025	<0.0025
5/23/2014			<0.0025		
11/8/2014			<0.0025	<0.0025	
11/9/2014					<0.0025
11/12/2014	<0.0025	<0.0025			
5/22/2015			<0.0025	<0.0025	<0.0025
5/24/2015	<0.0025	<0.0025			
11/10/2015			<0.0025	<0.0025	<0.0025
11/11/2015		<0.0025			
11/12/2015	<0.0025				
4/11/2016			<0.0025	<0.0025	
4/12/2016					<0.0025
4/13/2016	<0.0025	<0.0025			
6/16/2016			<0.0025	<0.0025	<0.0025
6/21/2016	<0.0025	<0.0025			
8/11/2016			<0.0025	<0.0025	<0.0025
8/15/2016	<0.0025	<0.0025			
10/4/2016		<0.0025			
10/5/2016			<0.0025	<0.0025	<0.0025
10/7/2016	<0.0025				
11/29/2016			<0.0025	<0.0025	
11/30/2016					<0.0025
12/1/2016	<0.0025	<0.0025			
2/7/2017		<0.0025			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
2/8/2017			<0.0025	<0.0025	<0.0025
2/9/2017	<0.0025				
4/5/2017				<0.0025	
4/6/2017	<0.0025	<0.0025	<0.0025		<0.0025
6/20/2017		<0.0025			
6/21/2017			<0.0025	<0.0025	<0.0025
6/22/2017	<0.0025				
10/5/2017		<0.0025	<0.0025	<0.0025	<0.0025
10/6/2017	<0.0025				
3/20/2018		<0.0025	<0.0025	<0.0025	
3/21/2018					<0.0025
3/22/2018	<0.0025				
10/2/2018		<0.0025	<0.0025	<0.0025	
10/3/2018	<0.0025				<0.0025
3/26/2019	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
9/11/2019	<0.0025	<0.0025	<0.0025		
9/12/2019				<0.0025	<0.0025
3/18/2020	<0.0025	<0.0025	<0.0025		
3/19/2020				<0.0025	<0.0025
9/9/2020		<0.0025	<0.0025	<0.0025	
9/10/2020	<0.0025				<0.0025
4/1/2021		<0.0025	<0.0025		
4/5/2021				<0.0025	<0.0025
4/6/2021	<0.0025				
8/11/2021	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
2/16/2022	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
8/25/2022			<0.0025	<0.0025	<0.0025
8/26/2022	<0.0025	<0.0025			
2/27/2023	<0.0025	<0.0025			
2/28/2023			<0.0025	<0.0025	<0.0025
8/8/2023				<0.0025	<0.0025
8/9/2023	<0.0025	<0.0025	<0.0025		
2/29/2024			<0.0025	<0.0025	
3/1/2024	<0.0025	<0.0025			<0.0025
8/6/2024	<0.0025		<0.0025	<0.0025	<0.0025
8/8/2024		<0.0025			
2/24/2025	<0.0025				
2/25/2025		<0.0025	<0.0025	<0.0025	<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Calcium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
4/6/2016	3.62	12.1	6.58		
4/12/2016				17.1	17
6/15/2016	4.5	11.8	6.9		
6/16/2016				19.8	19.7
8/10/2016	3.8	10	5.5		
8/11/2016				15	15
10/4/2016	5.3	14		17	18
10/5/2016			6.8		
11/29/2016		10	4.8		
11/30/2016	4.7			16	16
2/7/2017	3.8	12	7.8	17	18
4/4/2017	3.8	11	6.4		
4/5/2017				16	
4/6/2017					16
6/20/2017	4.1	11	7	17	17
10/4/2017	4.6			19	19
10/5/2017		13	6.6		
3/20/2018	4.2	12	6.6	18	18
10/2/2018	4.2	11	5.8	16	16
3/26/2019	4	11	6.7	16	17
9/10/2019	4.8	12	7.5	17	18
3/18/2020	3.8	12	7.3	19	18
9/9/2020	4	11	7.3	17	17
4/1/2021	4	12	7.8	18	17
8/11/2021	4.1	11	7.3		
8/12/2021					17
8/18/2021				18	
2/15/2022	3.6	10	7.1	16	16
8/24/2022			8.9	17	
8/25/2022	4.9	13			
8/26/2022					18
2/27/2023				19	19
2/28/2023	4.1	13	8.7		
8/3/2023	4.7	13	8.3		
8/9/2023				18	18
2/28/2024		15	9		
3/1/2024				18	18
3/4/2024	3.8				
8/6/2024	4.2	15	9	18	19
2/25/2025	4.1	13		17	17
2/26/2025			7.4		

Time Series

Constituent: Calcium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
4/12/2016	8.52	11		17.8	
4/13/2016					14
4/19/2016			198 (o)		
6/20/2016	7.7	10.1		19.5	13.8
6/22/2016			132		
8/12/2016	7.3	9.9		17	
8/15/2016					13
8/16/2016			94		
10/5/2016	8.4				
10/6/2016		12	100	19	14
11/30/2016	8	11		19	
12/1/2016			100		13
2/8/2017	9.3	13			
2/9/2017			120	18	14
4/6/2017	8.1	12	140	18	
4/7/2017					14
6/21/2017	9.2		160	19	
6/22/2017		13			14
10/5/2017	10		130		
10/6/2017		15		19	16
3/21/2018	9.3	15		19	
3/22/2018			130		15
10/3/2018	7.5	13	88	16	
10/4/2018					13
3/26/2019	7.3	13		16	
3/27/2019			75		14
9/10/2019	6.6	12			
9/11/2019			46	19	14
3/18/2020	5.9		61	15	
3/19/2020		14			15
9/9/2020			35		
9/10/2020	6.3	13		16	15
4/1/2021			40		15
4/2/2021		15			
4/5/2021				16	
4/6/2021	7.4				
8/11/2021				16	14
8/12/2021	6.6	13	46		
2/15/2022	6	15	36	15	13
8/25/2022	5.5	17	37	19	16
12/28/2022		20			
2/27/2023		26		17	16
2/28/2023	5.9		34		
8/8/2023		25	30	15	15
8/9/2023	6.7				
2/29/2024		31	30	20	17
3/4/2024	8.9				
5/7/2024					17
5/20/2024				14	
8/6/2024			30		17
8/7/2024	10	29		16	
2/24/2025				23	19

Time Series

Constituent: Calcium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
2/25/2025	11	46	25		
4/22/2025		60 (R)		21 (R)	

Time Series

Constituent: Calcium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
4/13/2016		18	15.6	12.8	1.18
4/19/2016	20				
6/21/2016			14.4	11.6	1.12
6/22/2016		16.7			
8/15/2016		16	14	11	0.95
10/5/2016			17	14	1
10/6/2016		17			
10/10/2016	19				
12/1/2016	18	17	15	12	0.92
2/8/2017		18	17	13	1.2
2/9/2017	20				
4/5/2017					1.1
4/6/2017		17	16	12	
4/7/2017	27				
6/20/2017				13	0.96
6/21/2017	27	17	16		
8/15/2017	29				
9/1/2017	32				
10/5/2017		19	19	14	1.1
10/9/2017	31				
3/21/2018		19	17	13	1.3
3/22/2018	30				
10/2/2018		16	17	12	0.86
10/4/2018	37				
3/26/2019					1.1
3/27/2019	47	16	16	12	
9/11/2019	37	17	18	13	0.94
3/18/2020	53	16	20	14	1.6
9/9/2020	64	16	20		
9/10/2020				13	1.1
4/1/2021		16	19	13	1.2
4/5/2021	52				
8/11/2021				13	1
8/12/2021	37	18			
8/17/2021			18		
2/15/2022	49	16	17		
2/16/2022				12	1.1
8/25/2022	39	21	20	14	
8/26/2022					0.99
12/28/2022		18			
2/21/2023			20		
2/27/2023	64	20		14	1.2
8/8/2023	53	18			
8/9/2023			18	14	1.1
2/29/2024	49			14	1.4
3/1/2024		20	20		
8/6/2024	36	22	19	13	1.1
11/6/2024		23			
2/24/2025	42	34	20	14	1.7

Time Series

Constituent: Calcium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
4/11/2016			10.5	10.4	
4/12/2016					13.5
4/13/2016	5.71	6.55			
6/16/2016			11.6	12.2	15
6/21/2016	5.54	6.04			
8/11/2016			10	9.5	12
8/15/2016	5.8	5.9			
10/4/2016		6.6			
10/5/2016			11	11	14
10/7/2016	6.1				
11/29/2016			9.6	9.8	
11/30/2016					12
12/1/2016	5.8	5.4			
2/7/2017		6.1			
2/8/2017			10	10	14
2/9/2017	6.3				
4/5/2017				10	
4/6/2017	5.8	6.1	9.7		13
6/20/2017		6.6			
6/21/2017			9.7	10	13
6/22/2017	6.4				
10/5/2017		7.2	11	12	15
10/6/2017	7.4				
3/20/2018		6.6	11	12	
3/21/2018					14
3/22/2018	6.8				
10/2/2018		6.5	9.6	11	
10/3/2018	6.4				13
3/26/2019	6.3	6.4	9.6	11	12
9/11/2019	7	7.3	10		
9/12/2019				14	14
3/18/2020	9.3	6.9	11		
3/19/2020				14	14
9/9/2020		6.5	10	15	
9/10/2020	6.7				13
4/1/2021		6.2	11		
4/5/2021				15	14
4/6/2021	7.4				
8/11/2021	6.7	6.9	10	17	14
10/7/2021				17	
2/16/2022	6.7	6.3	9.7	15	13
8/25/2022			11	18	15
8/26/2022	7.5	7			
12/28/2022				19	
2/27/2023	8.1	7.3			
2/28/2023			11	18	16
8/8/2023				18	16
8/9/2023	7.7	7.2	11		
2/29/2024			11	19	
3/1/2024	7.6	7.6			17
8/6/2024	7.4		11	20	17
8/8/2024		8.3			

Time Series

Constituent: Calcium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
2/24/2025	7.9				
2/25/2025		7.2	10	18	18
4/22/2025				20 (R)	

Time Series

Constituent: Chloride (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
4/6/2016	5.342	1.789	1.69		
4/12/2016				4.32	2.34
6/15/2016	5.2	2.1	1.9		
6/16/2016				3.8 (D)	2.4 (D)
8/10/2016	5.5	1.8	1.7		
8/11/2016				4	2.4
10/4/2016	5.4	1.7		3.6	2.2
10/5/2016			1.6		
11/29/2016		1.7	1.7		
11/30/2016	5.4			3.8	2.2
2/7/2017	5.1	1.6	1.6	4.3	2.1
4/4/2017	5.1	1.6	1.5		
4/5/2017				4.1	
4/6/2017					2.1
6/20/2017	5.2	1.6	1.5	3.9	2.1
10/4/2017	5.2			3.6	2
10/5/2017		1.5	1.5		
3/20/2018	5.6	1.5	1.4	3.9	2
10/2/2018	6.3	1.6	1.5	3.7	2
3/26/2019	5.5	1.5	1.3	3.6	1.9
9/10/2019	5.2	1.4	1.3	2.9	1.7
3/18/2020	5.4	1.7	2	4.2	2.4
9/9/2020	6.1	1.6	1.3	3.9	2
4/1/2021	7	1.8	1.5	4.2	2.5
8/11/2021	7.2	1.8	1.4		
8/12/2021					2.5
8/18/2021				4	
2/15/2022	6.5	1.6	1.4	4	2.2
8/24/2022			1.4	3.6	
8/25/2022	6.9	1.6			
8/26/2022					2.1
2/27/2023				3.8	2.2
2/28/2023	6.3	1.7	1.4		
8/3/2023	6.3	1.6	1.3		
8/9/2023				3.5	2.1
2/28/2024		1.6	1.4		
3/1/2024				4.2	2.5
3/4/2024	5.6				
8/6/2024	6	1.7	1.4	3.5	2.2
2/25/2025	5.7	1.6		3.9	2.1
2/26/2025			1.5		

Time Series

Constituent: Chloride (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
4/12/2016	3.04	4.57		6.07	
4/13/2016					1.68
4/19/2016			124 (O)		
6/20/2016	3.1	3.1		6.8	2
6/22/2016			81		
8/15/2016					1.8
8/16/2016	3.2	3.2	71	7.6	
10/5/2016	3.2				
10/6/2016		3.4	68	7.3	1.7
11/30/2016	3.3	4.1		7.1	
12/1/2016			74		1.7
2/8/2017	3.5	7.2			
2/9/2017			76	5.8	1.7
4/6/2017	3.4	7.4	92	5.7	
4/7/2017					1.7
6/21/2017	3.5		100	6.1	
6/22/2017		7.8			1.6
10/5/2017	3.5		67		
10/6/2017		9.1		5.1	1.6
3/21/2018	3.4	13		5.4	
3/22/2018			74		1.6
10/3/2018	3.5	13	46	5.7	
10/4/2018					1.7
3/26/2019	3	9.2		4.2	
3/27/2019			42		1.7
9/10/2019	2.5	5.1			
9/11/2019			19	7.2	2.1
3/18/2020	2.8		30	4	
3/19/2020		8.7			2.1
9/9/2020			8.7		
9/10/2020	2.7	9.7		6.3	2.5
4/1/2021			18		2.9
4/2/2021		11			
4/6/2021	2.9				
6/2/2021				6.3	
8/11/2021				6.5	3
8/12/2021	3.3	12	22		
2/15/2022	2.7	11	16	6.1	2.7
8/25/2022	3.2	11	12	6.2	3
2/27/2023		16		5.2	3.5
2/28/2023	3.1		11		
5/2/2023		24			
8/8/2023		16	8.2	5.5	3.8
8/9/2023	3.2				
2/29/2024		21	8.2	7	4.8
3/4/2024	3				
5/20/2024		28			
8/6/2024			8.1		4.9
8/7/2024	2.7	19		5.9	
2/24/2025				6.1	6.5
2/25/2025	2.4	28	4.9 (J)		
4/22/2025		45 (R)			

Time Series

Constituent: Chloride (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
4/13/2016		3.64	2.04	1.78	1.8
4/19/2016	6.9				
6/21/2016			2.2	2	2
6/22/2016		3.8			
8/15/2016		3.7	2.2	1.9	1.8
10/5/2016			2.1	1.8	1.7
10/6/2016		3.4			
10/10/2016	7.2				
12/1/2016	7.1	4	2.1	1.8	1.7
2/8/2017		4	2.3	1.8	1.7
2/9/2017	7.2				
4/5/2017					1.7
4/6/2017		4	2.2	1.7	
4/7/2017	7.5				
6/20/2017				1.7	1.6
6/21/2017	7.6	3.3	2.3		
8/15/2017	7.8				
9/1/2017	7.6				
10/5/2017		3.3	2.3	1.7	1.6
10/9/2017	7.5				
3/21/2018		3.6	2.3	1.6	1.6
3/22/2018	7				
10/2/2018		3.1	2.6	1.7	1.6
10/4/2018	6.1				
3/26/2019					1.7
3/27/2019	6.6	3	2.4	1.5	
9/11/2019	7	3.4	2.9	1.8	1.9
3/18/2020	8.5	3.4	4.1	1.9	2.1
9/9/2020	11	3.2	4.3		
9/10/2020				1.9	1.8
4/1/2021		4.3	4.4	1.9	2
6/1/2021	9.4				
8/11/2021				1.8	1.8
8/12/2021	7.8	4.1			
8/17/2021			3.1		
2/15/2022	9.1	3.7	4.6		
2/16/2022				1.7	1.9
8/25/2022	7.5	4.2	5	1.8	
8/26/2022					1.7
2/21/2023			4.3		
2/27/2023	8.8	4.2		1.8	1.9
8/8/2023	8.2	4			
8/9/2023			3.7	1.7	1.8
2/29/2024	8.1			2.2	2.3
3/1/2024		5.2	5		
8/6/2024	6.8	5.2	5.2	1.9	2
2/24/2025	6.8	6.3	4.6	1.8	2.1

Time Series

Constituent: Chloride (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
4/11/2016			2.53	1.84	
4/12/2016					2.03
4/13/2016	1.82	2.71			
6/16/2016			2.5 (D)	1.9 (D)	2.2 (D)
6/21/2016	1.9	3			
8/11/2016			2.6	1.9	2.1
8/15/2016	1.6	3.1			
10/4/2016		3			
10/5/2016			2.5	1.7	1.9
10/7/2016	1.5				
11/29/2016			2.4	1.7	
11/30/2016					2
12/1/2016	1.4	3.1			
2/7/2017		2.9			
2/8/2017			2.5	1.7	2
2/9/2017	1.5				
4/5/2017				1.7	
4/6/2017	1.4	2.7	2.4		<1
6/20/2017		2.9			
6/21/2017			2.4	1.7	1.9
6/22/2017	1.5				
10/5/2017		2.8	2.3	1.6	1.9
10/6/2017	1.3				
3/20/2018		2.7	2.3	1.6	
3/21/2018					1.8
3/22/2018	1.4				
10/2/2018		3	2.5	1.7	
10/3/2018	1.5				2
3/26/2019	1.6	2.5	2.7	1.8	1.9
9/11/2019	1.5	3.1	2.6		
9/12/2019				1.5	1.6
3/18/2020	1.6	3	2.7		
3/19/2020				2.2	2.2
9/9/2020		2.9	2.8	2.4	
9/10/2020	1.7				2.1
4/1/2021		3.8	2.8		
4/6/2021	1.8				
6/1/2021				2.6	2.1
8/11/2021	1.6	3.7	2.9	2.8	2.1
2/16/2022	1.5	3.2	2.7	2.4	2
8/25/2022			2.8	2.4	2.1
8/26/2022	1.5	3.3			
2/27/2023	1.5	3.5			
2/28/2023			2.8	2.6	2.2
8/8/2023				2.6	2.2
8/9/2023	1.4	3.5	2.6		
2/29/2024			3.2	3.1	
3/1/2024	1.8	4.7			2.5
8/6/2024	1.5		2.8	2.8	2.3
8/8/2024		4.4			
2/24/2025	1.5				
2/25/2025		4.3	2.8	2.7	2.4

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chromium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
5/8/2010			0.0032 (J)		
5/9/2010	<0.002	0.003 (J)			
5/11/2010				0.0077	0.0051
6/16/2010		0.0042 (J)	0.0037 (J)		
6/17/2010				0.0053	
6/18/2010	<0.002				
6/19/2010					<0.005
7/26/2010			0.0058		
7/27/2010		0.0048 (J)		0.0085	0.01
7/28/2010	<0.002				
9/7/2010		0.0037 (J)	0.0078		
9/9/2010	<0.002			0.0076	0.0072
4/28/2011				0.0048 (J)	0.0077
4/29/2011		0.0046 (J)	0.005		
4/30/2011	<0.002				
10/28/2011	<0.002	0.005	0.0068		0.011
10/29/2011				0.0093	
5/2/2012	<0.002	0.0052	0.0065		
5/3/2012				0.01	0.011
11/9/2012	<0.002	0.0054	0.006	0.009	0.0089
5/8/2013	<0.002	0.0058	0.0074		
5/9/2013				0.0085	0.0089
11/5/2013	0.0036 (J)			0.015	0.011
11/6/2013		0.0062 (J)	0.0082 (J)		
5/20/2014	<0.002	0.0047 (J)	0.0051 (J)		
5/22/2014					0.01
5/23/2014				0.012	
11/8/2014		0.0064 (J)	0.0074 (J)		
11/12/2014	<0.002				
11/13/2014				0.011	0.0084 (J)
5/22/2015	<0.002	0.0059 (J)	0.0084 (J)		
5/23/2015				0.012	
5/24/2015					0.0095 (J)
11/9/2015		0.0043 (J)	0.009 (J)		
11/11/2015	<0.002			0.014	0.011
4/6/2016	<0.002	0.00457 (J)	0.00779 (J)		
4/12/2016				0.0135	0.0122
6/15/2016	0.00029 (J)	0.0042 (J)	0.0072 (J)		
6/16/2016				0.014	0.011
8/10/2016	<0.002	0.0042	0.0068		
8/11/2016				0.013	0.01
10/4/2016	<0.002	0.0052		0.014	0.011
10/5/2016			0.0076		
11/29/2016		0.004	0.0045		
11/30/2016	<0.002			0.013	0.0098
2/7/2017	<0.002	0.004	0.0067	0.013	0.0096
4/4/2017	<0.002	0.0021 (J)	0.0079		
4/5/2017				0.014	
4/6/2017					0.01
6/20/2017	<0.002	0.0046	0.0084	0.013	0.01
10/4/2017	<0.002			0.015	0.011
10/5/2017		0.005	0.0061		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chromium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
3/20/2018	<0.002	0.0044	0.006	0.013	0.0099
10/2/2018	<0.002	0.0043	0.0061	0.014	0.01
3/26/2019	<0.002	0.0046	0.0065	0.013	0.0096
9/10/2019	0.0023 (J)	0.0076	0.012	0.018	0.014
3/18/2020	<0.002	0.0044	0.0083	0.014	0.011
9/9/2020	<0.002	0.005	0.0088	0.014	0.01
4/1/2021	<0.002	0.0053	0.0082	0.014	0.0057
8/11/2021	<0.002	0.0059	0.0089		
8/12/2021					0.012
8/18/2021				0.014	
2/15/2022	<0.002	0.0056	0.0084	0.011	0.011
8/24/2022			0.0076	0.014	
8/25/2022	<0.002	0.0056			
8/26/2022					0.0095
2/27/2023				0.014	0.012
2/28/2023	<0.002	0.0061	0.0083		
8/3/2023	<0.002	0.0073	0.0089		
8/9/2023				0.017	0.012
2/28/2024		0.0071	0.0096		
3/1/2024				0.014	0.011
3/4/2024	<0.002				
8/6/2024	<0.002	0.008	0.0086	0.016	0.012
2/25/2025	<0.002	0.0068		0.013	0.0092
2/26/2025			0.0083		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chromium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
5/10/2010					0.007
5/11/2010	0.01	0.0046 (J)	0.004 (J)	<0.005	
6/17/2010	0.0087	0.007			
6/18/2010			0.0056	0.0063	0.011
7/27/2010			0.0051	0.004 (J)	
7/28/2010	0.028 (O)	0.0084			0.0092
9/7/2010	0.022				
9/8/2010		0.0071			
9/9/2010			0.0037 (J)	0.0053	0.01
4/28/2011		0.008			
4/29/2011	0.0099		0.0036 (J)		
4/30/2011				0.0035 (J)	0.012
10/28/2011	0.0089		0.0026 (J)		
10/29/2011		0.0054		0.0048 (J)	0.012
5/3/2012	0.0091	0.0065			
5/4/2012			0.0031 (J)	0.0064	0.013
11/9/2012	0.008				
11/10/2012		0.0059	<0.005	0.0084	0.0097
5/9/2013			0.0033 (J)	0.0041 (J)	0.013
5/10/2013	0.019	0.0083			
11/6/2013	0.013	0.0099 (J)	0.0045 (J)		
11/7/2013				0.0077 (J)	0.013
5/21/2014				0.0044 (J)	0.0091 (J)
5/22/2014	0.0093 (J)	0.0049 (J)	0.0035 (J)		
11/9/2014	0.0098 (J)	0.0068 (J)	0.0062 (J)	0.0071 (J)	
11/12/2014					0.0097 (J)
5/22/2015	0.01	0.0087 (J)			
5/24/2015			0.012	0.01	0.018
11/10/2015	0.011				
11/11/2015		0.0084 (J)	0.0068 (J)	0.0053 (J)	0.0086 (J)
4/12/2016	0.00925 (J)	0.00419 (J)		0.00493 (J)	
4/13/2016					0.00924 (J)
4/19/2016			0.00368 (J)		
6/20/2016	0.0076 (J)	0.0043 (J)		0.0043 (J)	0.0084 (J)
6/22/2016			0.0031 (J)		
8/12/2016	0.0079	0.0037		0.0037	
8/15/2016					0.0083
8/16/2016			0.0028		
10/5/2016	0.0085				
10/6/2016		0.0062	0.003	0.004	0.0081
11/30/2016	0.0086	0.0043		0.0035	
12/1/2016			0.0022 (J)		0.0083
2/8/2017	0.011	0.0052			
2/9/2017			0.0035	0.0041	0.0087
4/6/2017	0.0098	0.005	0.0032	0.0038	
4/7/2017					0.009
6/21/2017	0.011		0.0031	0.004	
6/22/2017		0.0052			0.0092
10/5/2017	0.01		0.0029		
10/6/2017		0.0049		0.0038	0.0095
3/21/2018	0.0093	0.0062		0.012	
3/22/2018			0.0086		0.0086

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chromium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
10/3/2018	0.0081	0.0039	0.003	0.0042	
10/4/2018					0.0083
3/26/2019	0.0075	0.0084		0.0044	
3/27/2019			0.0039		0.0088
9/10/2019	0.0092	0.0067			
9/11/2019			0.0079	0.0078	0.013
3/18/2020	0.0049		0.0052	0.0046	
3/19/2020		0.0045			0.011
9/9/2020			0.0048		
9/10/2020	0.0061	0.0055		0.0049	0.0098
4/1/2021			0.0058		0.0091
4/2/2021		0.0052			
4/5/2021				0.005	
4/6/2021	0.0074				
8/11/2021				0.005	0.0092
8/12/2021	0.0085	0.0045	0.0053		
2/15/2022	0.0076	0.0041	0.0061	0.0046	0.0088
8/25/2022	0.0072	0.0038	0.0058	0.0046	0.0085
2/27/2023		0.0039		0.0047	0.0092
2/28/2023	0.01		0.0068		
8/8/2023		0.0049	0.0066	0.0048	0.0094
8/9/2023	0.013				
2/29/2024		0.0038	0.0074	0.0051	0.012
3/4/2024	0.014				
8/6/2024			0.0067		0.02
8/7/2024	0.018	0.0031		0.0046	
11/6/2024					0.02
2/24/2025				0.0054	0.024
2/25/2025	0.015	0.0025	0.0057		

Time Series

Constituent: Chromium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
5/9/2010					<0.002
5/10/2010	<0.002	0.0097	0.011	0.011	
6/16/2010		0.0074	0.0095	0.012	
6/18/2010					<0.002
6/19/2010	<0.002				
7/27/2010		0.0068		0.012	0.002 (J)
7/28/2010	0.0034 (J)		0.01		
9/8/2010	0.014	0.007	0.011	0.011	<0.002
4/29/2011		0.0062	0.0096	0.01	<0.002
4/30/2011	0.022				
10/27/2011	0.0064	0.0084	0.011	0.0077	
10/28/2011					<0.002
5/3/2012		0.0099			<0.002
5/4/2012	0.059 (o)		0.01	0.0082	
11/10/2012				0.007	<0.002
11/11/2012	0.011	0.0073	0.01		
5/9/2013		0.0085	0.011	0.0079	<0.002
5/10/2013	0.038 (O)				
11/5/2013			0.015		
11/6/2013		0.013		0.011	0.0031 (J)
11/7/2013	0.012				
5/20/2014				0.0076 (J)	0.002 (J)
5/21/2014	0.0048 (J)	0.0097 (J)	0.013		
11/12/2014		0.0072 (J)	0.012	0.0071 (J)	<0.002
11/13/2014	0.023				
5/23/2015	0.015	0.0095 (J)	0.014		0.0027 (J)
5/24/2015				0.0083 (J)	
11/11/2015	0.016				
11/12/2015		0.0046 (J)	0.016	0.0069 (J)	0.0022 (J)
4/13/2016		0.00627 (J)	0.0152	0.00804 (J)	<0.002
4/19/2016	0.0086 (J)				
6/21/2016			0.016	0.0086 (J)	0.0012 (J)
6/22/2016		0.0079 (J)			
8/15/2016		0.0075	0.015	0.0073	0.0021 (J)
10/5/2016			0.016	0.0077	0.0013 (J)
10/6/2016		0.0071			
10/10/2016	0.0052				
12/1/2016	0.0062	0.007	0.015	0.0075	0.0015 (J)
2/8/2017		0.0047	0.017	0.0078	0.0016 (J)
2/9/2017	0.0091				
4/5/2017					0.0014 (J)
4/6/2017		0.006	0.018	0.0079	
4/7/2017	<0.002				
6/20/2017				0.0078	0.0015 (J)
6/21/2017	<0.002	0.0071	0.017		
8/15/2017	<0.002				
9/1/2017	<0.002				
10/5/2017		0.008	0.018	0.0081	0.0015 (J)
10/9/2017	<0.002				
3/21/2018		0.0046	0.017	0.0081	0.0014 (J)
3/22/2018	0.0079				
10/2/2018		0.0081	0.018	0.0075	0.0012 (J)

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chromium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
10/4/2018	<0.002				
3/26/2019					0.0013 (J)
3/27/2019	<0.002	0.0064	0.017	0.007	
9/11/2019	0.0052	0.012	0.023	0.011	0.0036
3/18/2020	<0.002	0.0066	0.02	0.0086	0.0016 (J)
9/9/2020	<0.002	0.0081	0.018		
9/10/2020				0.009	<0.002
4/1/2021		0.0018 (J)	0.02	0.0078	0.0015 (J)
4/5/2021	<0.002				
8/11/2021				0.0078	<0.002
8/12/2021	<0.002	0.0077			
8/17/2021			0.042 (o)		
10/18/2021			0.019		
2/15/2022	<0.002	0.0079	0.021		
2/16/2022				0.0074	<0.002
8/25/2022	<0.002	0.0092	0.018	0.0069	
8/26/2022					<0.002
2/21/2023			0.02		
2/27/2023	<0.002	0.0094		0.0082	0.002
8/8/2023	0.0013 (J)	0.0085			
8/9/2023			0.022	0.0087	0.0026
2/29/2024	<0.002			0.0086	0.0021
3/1/2024		0.0092	0.019		
8/6/2024	<0.002	0.0084	0.018	0.0072	0.0014 (J)
2/24/2025	<0.002	0.0029	0.017	0.0079	0.0012 (J)

Time Series

Constituent: Chromium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
5/9/2010	0.0051	<0.002			
5/10/2010			0.012		
5/11/2010				0.0039 (J)	0.0063
6/16/2010			0.014	0.0049 (J)	
6/17/2010					0.0053
6/18/2010	0.0043 (J)	<0.002			
7/26/2010			0.013		
7/27/2010				0.0047 (J)	0.0064
7/28/2010		<0.002			
7/29/2010	0.0058				
9/7/2010			0.015	0.0057	0.0078
9/9/2010	0.0052	<0.002			
4/26/2011	0.0025 (J)				
4/29/2011			0.014	0.0087	0.0065
4/30/2011		<0.002			
10/28/2011	0.0035 (J)	<0.002	0.014	0.0075	0.0092
5/2/2012			0.017	0.011	
5/3/2012		<0.002			0.011
5/4/2012	0.0073				
11/9/2012			0.014	0.0076	
11/10/2012		<0.002			0.0073
11/11/2012	0.004 (J)				
5/8/2013	0.006	<0.002	0.017		
5/9/2013				0.0088	0.0098
11/5/2013		0.0036 (J)			
11/6/2013			0.017	0.011	0.011
11/7/2013	0.0068 (J)				
5/20/2014	0.0039 (J)	<0.002			
5/22/2014				0.0057 (J)	0.0097 (J)
5/23/2014			0.013		
11/8/2014			0.018	0.013	
11/9/2014					0.012
11/12/2014	0.0039 (J)	<0.002			
5/22/2015			0.02	0.014	0.016
5/24/2015	0.004 (J)	<0.002			
11/10/2015			0.013	0.0091 (J)	0.0088 (J)
11/11/2015		<0.002			
11/12/2015	0.0077 (J)				
4/11/2016			0.0139	0.00767 (J)	
4/12/2016					0.00965 (J)
4/13/2016	0.0038 (J)	<0.002			
6/16/2016			0.014	0.0082 (J)	0.0087 (J)
6/21/2016	0.0035 (J)	0.0006 (J)			
8/11/2016			0.016	0.0085	0.0083
8/15/2016	0.0034	<0.002			
10/4/2016		<0.002			
10/5/2016			0.014	0.01	0.0094
10/7/2016	0.0037				
11/29/2016			0.013	0.0087	
11/30/2016					0.0084
12/1/2016	0.0037	<0.002			
2/7/2017		<0.002			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chromium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
2/8/2017			0.013	0.0093	0.0091
2/9/2017	0.0038				
4/5/2017				0.0098	
4/6/2017	0.0039	<0.002	0.014		0.011
6/20/2017		<0.002			
6/21/2017			0.013	0.0094	0.0081
6/22/2017	0.0042				
10/5/2017		<0.002	0.014	0.0096	0.0083
10/6/2017	0.0039				
3/20/2018		<0.002	0.014	0.0097	
3/21/2018					0.0085
3/22/2018	0.028 (O)				
10/2/2018		<0.002	0.014	0.0097	
10/3/2018	0.0056				0.0091
3/26/2019	0.0048	<0.002	0.014	0.0091	0.0092
9/11/2019	0.0075	0.0038	0.017		
9/12/2019				0.012	0.011
3/18/2020	0.008	<0.002	0.014		
3/19/2020				0.012	0.0094
9/9/2020		<0.002	0.013	0.011	
9/10/2020	0.0054				0.009
4/1/2021		<0.002	0.014		
4/5/2021				0.012	0.008
4/6/2021	0.0061				
8/11/2021	0.0051	<0.002	0.014	0.013	0.0087
2/16/2022	0.005	<0.002	0.012	0.011	0.0081
8/25/2022			0.012	0.015	0.0079
8/26/2022	0.0043	<0.002			
2/27/2023	0.006	<0.002			
2/28/2023			0.012	0.014	0.009
8/8/2023				0.014	0.01
8/9/2023	0.0066	0.0018 (J)	0.014		
2/29/2024			0.013	0.015	
3/1/2024	0.0059	0.0022			0.0088
8/6/2024	0.0045		0.013	0.015	0.0088
8/8/2024		<0.002			
2/24/2025	0.0053				
2/25/2025		<0.002	0.011	0.016	0.0084

Time Series

Constituent: Cobalt (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
5/8/2010			<0.0025		
5/9/2010	<0.0025	<0.0025			
5/11/2010				<0.0025	<0.0025
6/16/2010		<0.0025	<0.0025		
6/17/2010				<0.0025	
6/18/2010	<0.0025				
6/19/2010					<0.0025
7/26/2010			<0.0025		
7/27/2010		<0.0025		<0.0025	<0.0025
7/28/2010	<0.0025				
9/7/2010		<0.0025	<0.0025		
9/9/2010	<0.0025			<0.0025	<0.0025
4/28/2011				<0.0025	<0.0025
4/29/2011		0.003 (JO)	<0.0025		
4/30/2011	<0.0025				
10/28/2011	<0.0025	<0.0025	<0.0025		<0.0025
10/29/2011				<0.0025	
5/2/2012	<0.0025	<0.0025	<0.0025		
5/3/2012				<0.0025	<0.0025
11/9/2012	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
5/8/2013	<0.0025	<0.0025	<0.0025		
5/9/2013				<0.0025	<0.0025
11/5/2013	<0.0025			<0.0025	<0.0025
11/6/2013		<0.0025	<0.0025		
5/20/2014	<0.0025	<0.0025	<0.0025		
5/22/2014					<0.0025
5/23/2014				<0.0025	
11/8/2014		<0.0025	<0.0025		
11/12/2014	<0.0025				
11/13/2014				<0.0025	<0.0025
5/22/2015	<0.0025	<0.0025	<0.0025		
5/23/2015				<0.0025	
5/24/2015					<0.0025
11/9/2015		<0.0025	<0.0025		
11/11/2015	<0.0025			<0.0025	<0.0025
4/6/2016	0.00261 (JO)	<0.0025	<0.0025		
4/12/2016				<0.0025	<0.0025
6/15/2016	0.00092 (J)	2.2E-05 (J)	8.4E-05 (J)		
6/16/2016				2E-05 (J)	1.1E-05 (J)
8/10/2016	0.00076 (J)	<0.0025	<0.0025		
8/11/2016				<0.0025	<0.0025
10/4/2016	0.00081 (J)	<0.0025		<0.0025	<0.0025
10/5/2016			<0.0025		
11/29/2016		<0.0025	<0.0025		
11/30/2016	0.00061 (J)			<0.0025	<0.0025
2/7/2017	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
4/4/2017	0.00084 (J)	<0.0025	<0.0025		
4/5/2017				<0.0025	
4/6/2017					<0.0025
6/20/2017	0.0012 (J)	<0.0025	<0.0025	<0.0025	<0.0025
10/4/2017	0.00087 (J)			<0.0025	<0.0025
10/5/2017		<0.0025	<0.0025		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
3/20/2018	0.0018 (J)	<0.0025	<0.0025	<0.0025	<0.0025
10/2/2018	0.0011 (J)	<0.0025	<0.0025	<0.0025	<0.0025
3/26/2019	0.0019 (J)	<0.0025	<0.0025	<0.0025	<0.0025
9/10/2019	0.0012 (J)	0.00031 (J)	0.00052 (J)	<0.0025	0.00015 (J)
3/18/2020	0.0017 (J)	0.00034 (J)	<0.0025	0.00017 (J)	<0.0025
9/9/2020	0.0016 (J)	<0.0025	0.00019 (J)	<0.0025	<0.0025
4/1/2021	0.0024 (J)	0.00014 (J)	<0.0025	<0.0025	<0.0025
8/11/2021	0.0011 (J)	<0.0025	<0.0025		
8/12/2021					0.0002 (J)
8/18/2021				0.00025 (J)	
2/15/2022	0.0029	<0.0025	<0.0025	<0.0025	<0.0025
8/24/2022			<0.0025	<0.0025	
8/25/2022	0.0014 (J)	<0.0025			
8/26/2022					<0.0025
2/27/2023				<0.0025	<0.0025
2/28/2023	0.0026	<0.0025	<0.0025		
8/3/2023	0.0017 (J)	<0.0025	<0.0025		
8/9/2023				<0.0025	<0.0025
2/28/2024		<0.0025	<0.0025		
3/1/2024				<0.0025	<0.0025
3/4/2024	0.0026				
8/6/2024	0.001 (J)	<0.0025	<0.0025	<0.0025	<0.0025
2/25/2025	0.0013 (J)	<0.0025		<0.0025	<0.0025
2/26/2025			<0.0025		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
5/10/2010					<0.0025
5/11/2010	<0.0025	<0.0025	<0.0025	<0.0025	
6/17/2010	<0.0025	<0.0025			
6/18/2010			<0.0025	<0.0025	<0.0025
7/27/2010			<0.0025	<0.0025	
7/28/2010	0.0034 (JO)	<0.0025			<0.0025
9/7/2010	<0.0025				
9/8/2010		<0.0025			
9/9/2010			<0.0025	<0.0025	<0.0025
4/28/2011		<0.0025			
4/29/2011	0.0037 (JO)		<0.0025		
4/30/2011				<0.0025	<0.0025
10/28/2011	<0.0025		<0.0025		
10/29/2011		<0.0025		<0.0025	<0.0025
5/3/2012	<0.0025	<0.0025			
5/4/2012			<0.0025	<0.0025	<0.0025
11/9/2012	<0.0025				
11/10/2012		<0.0025	<0.0025	<0.0025	<0.0025
5/9/2013			<0.0025	<0.0025	<0.0025
5/10/2013	<0.0025	<0.0025			
11/6/2013	<0.0025	<0.0025	<0.0025		
11/7/2013				<0.0025	<0.0025
5/21/2014				<0.0025	<0.0025
5/22/2014	<0.0025	<0.0025	<0.0025		
11/9/2014	<0.0025	<0.0025	<0.0025	<0.0025	
11/12/2014					<0.0025
5/22/2015	<0.0025	<0.0025			
5/24/2015			<0.0025	<0.0025	<0.0025
11/10/2015	<0.0025				
11/11/2015		<0.0025	<0.0025	<0.0025	<0.0025
4/12/2016	<0.0025	<0.0025		<0.0025	
4/13/2016					<0.0025
4/19/2016			<0.0025		
6/20/2016	0.0001 (J)	0.00016 (J)		3E-05 (J)	8.6E-05 (J)
6/22/2016			<0.0025		
8/12/2016	0.00042 (J)	<0.0025		<0.0025	
8/15/2016					<0.0025
8/16/2016			<0.0025		
10/5/2016	<0.0025				
10/6/2016		0.00068 (J)	<0.0025	<0.0025	<0.0025
11/30/2016	<0.0025	<0.0025		<0.0025	
12/1/2016			<0.0025		<0.0025
2/8/2017	<0.0025	<0.0025			
2/9/2017			<0.0025	<0.0025	<0.0025
4/6/2017	<0.0025	<0.0025	<0.0025	<0.0025	
4/7/2017					<0.0025
6/21/2017	0.00042 (J)		<0.0025	<0.0025	
6/22/2017		<0.0025			<0.0025
10/5/2017	<0.0025		<0.0025		
10/6/2017		<0.0025		<0.0025	<0.0025
3/21/2018	<0.0025	<0.0025		<0.0025	
3/22/2018			<0.0025		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
10/3/2018	<0.0025	<0.0025	<0.0025	<0.0025	
10/4/2018					<0.0025
3/26/2019	<0.0025	0.00096 (J)		<0.0025	
3/27/2019			<0.0025		<0.0025
9/10/2019	0.00028 (J)	<0.0025			
9/11/2019			9.9E-05 (J)	8.7E-05 (J)	0.00016 (J)
3/18/2020	0.00014 (J)		<0.0025	<0.0025	
3/19/2020		0.00021 (J)			0.00013 (J)
9/9/2020			<0.0025		
9/10/2020	0.00023 (J)	0.00032 (J)		<0.0025	0.00038 (J)
4/1/2021			<0.0025		0.00015 (J)
4/2/2021		0.00026 (J)			
4/5/2021				0.00015 (J)	
4/6/2021	0.00031 (J)				
8/11/2021				<0.0025	<0.0025
8/12/2021	0.00067 (J)	<0.0025	<0.0025		
2/15/2022	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
8/25/2022	0.00046 (J)	<0.0025	<0.0025	<0.0025	<0.0025
2/27/2023		<0.0025		<0.0025	<0.0025
2/28/2023	<0.0025		<0.0025		
8/8/2023		<0.0025	<0.0025	<0.0025	<0.0025
8/9/2023	<0.0025				
2/29/2024		<0.0025	<0.0025	<0.0025	<0.0025
3/4/2024	<0.0025				
8/6/2024			<0.0025		<0.0025
8/7/2024	0.00023 (J)	<0.0025		<0.0025	
2/24/2025				<0.0025	<0.0025
2/25/2025	<0.0025	<0.0025	<0.0025		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
5/9/2010					<0.0025
5/10/2010	<0.0025	<0.0025	<0.0025	<0.0025	
6/16/2010		<0.0025	<0.0025	<0.0025	
6/18/2010					<0.0025
6/19/2010	<0.0025				
7/27/2010		<0.0025		<0.0025	<0.0025
7/28/2010	<0.0025		<0.0025		
9/8/2010	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
4/29/2011		<0.0025	<0.0025	<0.0025	<0.0025
4/30/2011	0.0063 (JO)				
10/27/2011	<0.0025	<0.0025	<0.0025	<0.0025	
10/28/2011					<0.0025
5/3/2012		<0.0025			<0.0025
5/4/2012	<0.0025		<0.0025	<0.0025	
11/10/2012				<0.0025	<0.0025
11/11/2012	<0.0025	<0.0025	<0.0025		
5/9/2013		<0.0025	<0.0025	<0.0025	<0.0025
5/10/2013	0.0068 (JO)				
11/5/2013			<0.0025		
11/6/2013		<0.0025		<0.0025	<0.0025
11/7/2013	<0.0025				
5/20/2014				<0.0025	<0.0025
5/21/2014	<0.0025	<0.0025	<0.0025		
11/12/2014		<0.0025	<0.0025	<0.0025	<0.0025
11/13/2014	0.0046 (J)				
5/23/2015	<0.0025	<0.0025	<0.0025		<0.0025
5/24/2015				<0.0025	
11/11/2015	<0.0025				
11/12/2015		<0.0025	<0.0025	<0.0025	<0.0025
4/13/2016		<0.0025	<0.0025	<0.0025	<0.0025
4/19/2016	<0.0025				
6/21/2016			<0.0025	<0.0025	0.0004 (J)
6/22/2016		<0.0025			
8/15/2016		<0.0025	<0.0025	<0.0025	0.00042 (J)
10/5/2016			<0.0025	<0.0025	0.00049 (J)
10/6/2016		<0.0025			
10/10/2016	<0.0025				
12/1/2016	0.00068 (J)	<0.0025	<0.0025	<0.0025	<0.0025
2/8/2017		<0.0025	<0.0025	<0.0025	<0.0025
2/9/2017	0.0009 (J)				
4/5/2017					<0.0025
4/6/2017		<0.0025	<0.0025	<0.0025	
4/7/2017	0.0011 (J)				
6/20/2017				<0.0025	0.0004 (J)
6/21/2017	0.00064 (J)	<0.0025	<0.0025		
8/15/2017	0.001 (J)				
9/1/2017	0.00089 (J)				
10/5/2017		<0.0025	<0.0025	<0.0025	0.00041 (J)
10/9/2017	0.00085 (J)				
3/21/2018		<0.0025	<0.0025	<0.0025	<0.0025
3/22/2018	<0.0025 (O)				
10/2/2018		<0.0025	<0.0025	<0.0025	<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
10/4/2018	0.00048 (J)				
3/26/2019					<0.0025
3/27/2019	0.0012 (J)	<0.0025	<0.0025	<0.0025	
9/11/2019	0.00085 (J)	0.00016 (J)	<0.0025	<0.0025	0.00042 (J)
3/18/2020	0.0027	<0.0025	<0.0025	<0.0025	0.00013 (J)
9/9/2020	0.0043	0.00023 (J)	<0.0025		
9/10/2020				0.00033 (J)	0.00057 (J)
4/1/2021		0.00015 (J)	<0.0025	<0.0025	0.00028 (J)
4/5/2021	0.0026				
8/11/2021				<0.0025	0.00033 (J)
8/12/2021	0.0019 (J)	0.00013 (J)			
8/17/2021			0.0035		
10/18/2021			<0.0025		
2/15/2022	0.0037	<0.0025	<0.0025		
2/16/2022				<0.0025	0.00033 (J)
8/25/2022	0.0021 (J)	0.00053 (J)	<0.0025	<0.0025	
8/26/2022					0.00033 (J)
2/21/2023			<0.0025		
2/27/2023	0.004	<0.0025		<0.0025	<0.0025
8/8/2023	0.0044	<0.0025			
8/9/2023			<0.0025	<0.0025	0.00035 (J)
2/29/2024	0.0031			<0.0025	0.00027 (J)
3/1/2024		<0.0025	<0.0025		
8/6/2024	0.0017 (J)	<0.0025	<0.0025	<0.0025	0.00029 (J)
2/24/2025	0.0018 (J)	<0.0025	<0.0025	<0.0025	<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
5/9/2010	<0.0025	<0.0025			
5/10/2010			<0.0025		
5/11/2010				<0.0025	<0.0025
6/16/2010			<0.0025	<0.0025	
6/17/2010					<0.0025
6/18/2010	<0.0025	<0.0025			
7/26/2010			<0.0025		
7/27/2010				<0.0025	<0.0025
7/28/2010		<0.0025			
7/29/2010	<0.0025				
9/7/2010			<0.0025	<0.0025	<0.0025
9/9/2010	<0.0025	<0.0025			
4/26/2011	<0.0025				
4/29/2011			<0.0025	<0.0025	<0.0025
4/30/2011		<0.0025			
10/28/2011	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
5/2/2012			<0.0025	<0.0025	
5/3/2012		<0.0025			<0.0025
5/4/2012	<0.0025				
11/9/2012			<0.0025	<0.0025	
11/10/2012		<0.0025			<0.0025
11/11/2012	<0.0025				
5/8/2013	<0.0025	<0.0025	<0.0025		
5/9/2013				<0.0025	<0.0025
11/5/2013		<0.0025			
11/6/2013			<0.0025	<0.0025	<0.0025
11/7/2013	<0.0025				
5/20/2014	<0.0025	<0.0025			
5/22/2014				<0.0025	<0.0025
5/23/2014			<0.0025		
11/8/2014			<0.0025	<0.0025	
11/9/2014					<0.0025
11/12/2014	<0.0025	<0.0025			
5/22/2015			0.0032 (JO)	<0.0025	<0.0025
5/24/2015	<0.0025	<0.0025			
11/10/2015			<0.0025	<0.0025	<0.0025
11/11/2015		<0.0025			
11/12/2015	<0.0025				
4/11/2016			<0.0025	<0.0025	
4/12/2016					<0.0025
4/13/2016	<0.0025	<0.0025			
6/16/2016			8E-05 (J)	9.8E-05 (J)	0.00012 (J)
6/21/2016	<0.0025	<0.0025			
8/11/2016			<0.0025	<0.0025	<0.0025
8/15/2016	<0.0025	<0.0025			
10/4/2016		<0.0025			
10/5/2016			<0.0025	<0.0025	<0.0025
10/7/2016	<0.0025				
11/29/2016			<0.0025	<0.0025	
11/30/2016					<0.0025
12/1/2016	<0.0025	<0.0025			
2/7/2017		<0.0025			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
2/8/2017			<0.0025	<0.0025	<0.0025
2/9/2017	<0.0025				
4/5/2017				<0.0025	
4/6/2017	<0.0025	<0.0025	<0.0025		0.0005 (J)
6/20/2017		<0.0025			
6/21/2017			<0.0025	<0.0025	<0.0025
6/22/2017	<0.0025				
10/5/2017		<0.0025	<0.0025	<0.0025	<0.0025
10/6/2017	<0.0025				
3/20/2018		<0.0025	<0.0025	<0.0025	
3/21/2018					<0.0025
3/22/2018	<0.0025				
10/2/2018		<0.0025	<0.0025	<0.0025	
10/3/2018	<0.0025				<0.0025
3/26/2019	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
9/11/2019	<0.0025	<0.0025	0.00023 (J)		
9/12/2019				0.00021 (J)	0.00021 (J)
3/18/2020	<0.0025	<0.0025	0.00018 (J)		
3/19/2020				0.00014 (J)	0.00026 (J)
9/9/2020		<0.0025	0.00014 (J)	<0.0025	
9/10/2020	<0.0025				0.00018 (J)
4/1/2021		<0.0025	<0.0025		
4/5/2021				<0.0025	<0.0025
4/6/2021	<0.0025				
8/11/2021	<0.0025	<0.0025	0.00021 (J)	<0.0025	<0.0025
2/16/2022	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
8/25/2022			<0.0025	<0.0025	<0.0025
8/26/2022	<0.0025	<0.0025			
2/27/2023	<0.0025	<0.0025			
2/28/2023			<0.0025	<0.0025	<0.0025
8/8/2023				<0.0025	<0.0025
8/9/2023	<0.0025	<0.0025	<0.0025		
2/29/2024			<0.0025	<0.0025	
3/1/2024	<0.0025	<0.0025			<0.0025
8/6/2024	<0.0025		<0.0025	<0.0025	<0.0025
8/8/2024		<0.0025			
2/24/2025	<0.0025				
2/25/2025		<0.0025	<0.0025	<0.0025	<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Copper (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
5/8/2010			<0.002		
5/9/2010	<0.002	<0.002			
5/11/2010				<0.002	<0.002
6/16/2010		<0.002	<0.002		
6/17/2010				<0.002	
6/18/2010	<0.002				
6/19/2010					<0.002
7/26/2010			<0.002		
7/27/2010		<0.002		<0.002	<0.002
7/28/2010	<0.002				
9/7/2010		<0.002	<0.002		
9/9/2010	<0.002			<0.002	<0.002
4/28/2011				<0.002	<0.002
4/29/2011		<0.002	<0.002		
4/30/2011	<0.002				
10/28/2011	<0.002	<0.002	<0.002		<0.002
10/29/2011				<0.002	
5/2/2012	<0.002	<0.002	<0.002		
5/3/2012				<0.002	<0.002
11/9/2012	<0.002	<0.002	<0.002	<0.002	<0.002
5/8/2013	<0.002	<0.002	<0.002		
5/9/2013				<0.002	<0.002
11/5/2013	<0.002			<0.002	<0.002
11/6/2013		<0.002	<0.002		
5/20/2014	<0.002	<0.002	<0.002		
5/22/2014					<0.002
5/23/2014				<0.002	
11/8/2014		<0.002	<0.002		
11/12/2014	<0.002				
11/13/2014				<0.002	<0.002
5/22/2015	<0.002	<0.002	<0.002		
5/23/2015				<0.002	
5/24/2015					<0.002
11/9/2015		<0.002	<0.002		
11/11/2015	<0.002			<0.002	<0.002
4/6/2016	<0.002	<0.002	<0.002		
4/12/2016				<0.002	<0.002
10/4/2016	<0.002	<0.002		<0.002	<0.002
10/5/2016			<0.002		
4/4/2017	<0.002	<0.002	<0.002		
4/5/2017				<0.002	
4/6/2017					<0.002
10/4/2017	<0.002			<0.002	<0.002
10/5/2017		<0.002	<0.002		
3/20/2018	<0.002	<0.002	<0.002	<0.002	<0.002
10/2/2018	<0.002	<0.002	<0.002	<0.002	<0.002
3/26/2019	<0.002	<0.002	<0.002	<0.002	<0.002
9/10/2019	<0.002	0.00095 (J)	0.0012 (J)	<0.002	<0.002
3/18/2020	<0.002	<0.002	<0.002	<0.002	<0.002
9/9/2020	<0.002	<0.002	<0.002	<0.002	<0.002
4/1/2021	<0.002	0.00074 (J)	<0.002	<0.002	0.00069 (J)
8/11/2021	<0.002	<0.002	<0.002		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Copper (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
8/12/2021					0.00078 (J)
8/18/2021				0.0011 (J)	
2/15/2022	<0.002	<0.002	<0.002	0.0013 (J)	0.0013 (J)
8/24/2022			<0.002	<0.002	
8/25/2022	<0.002	<0.002			
8/26/2022					<0.002
2/27/2023				<0.002	<0.002
2/28/2023	<0.002	<0.002	<0.002		
8/3/2023	<0.002	<0.002	<0.002		
8/9/2023				<0.002	<0.002
2/28/2024		<0.002	<0.002		
3/1/2024				<0.002	<0.002
3/4/2024	<0.002				
8/6/2024	<0.002	<0.002	<0.002	<0.002	<0.002
2/25/2025	<0.002	<0.002		<0.002	<0.002
2/26/2025			<0.002		

Time Series

Constituent: Copper (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
5/10/2010					<0.002
5/11/2010	0.003 (J)	<0.002	<0.002	<0.002	
6/17/2010	<0.002	0.0022 (J)			
6/18/2010			<0.002	0.0026 (J)	0.008 (JO)
7/27/2010			<0.002	0.0029 (J)	
7/28/2010	0.012 (O)	0.0033 (J)			0.0021 (J)
9/7/2010	0.0026 (J)				
9/8/2010		<0.002			
9/9/2010			<0.002	<0.002	<0.002
4/28/2011		0.0037 (J)			
4/29/2011	<0.002		<0.002		
4/30/2011				<0.002	<0.002
10/28/2011	<0.002		<0.002		
10/29/2011		<0.002		<0.002	<0.002
5/3/2012	<0.002	0.0031 (J)			
5/4/2012			<0.002	0.0037 (J)	<0.002
11/9/2012	<0.002				
11/10/2012		0.0021 (J)	<0.002	<0.002	<0.002
5/9/2013			<0.002	<0.002	<0.002
5/10/2013	0.0042 (J)	0.0025 (J)			
11/6/2013	<0.002	0.0032 (J)	<0.002		
11/7/2013				<0.002	0.0022 (J)
5/21/2014				<0.002	<0.002
5/22/2014	<0.002	<0.002	<0.002		
11/9/2014	<0.002	<0.002	<0.002	<0.002	
11/12/2014					<0.002
5/22/2015	<0.002	<0.002			
5/24/2015			<0.002	<0.002	0.0022 (J)
11/10/2015	<0.002				
11/11/2015		0.002 (J)	<0.002	<0.002	<0.002
4/12/2016	<0.002	<0.002		<0.002	
4/13/2016					<0.002
4/19/2016			<0.002		
10/5/2016	<0.002				
10/6/2016		0.0022 (J)	<0.002	<0.002	<0.002
4/6/2017	<0.002	<0.002	<0.002	<0.002	
4/7/2017					<0.002
10/5/2017	<0.002		<0.002		
10/6/2017		<0.002		<0.002	0.0026
3/21/2018	<0.002	<0.002		<0.002	
3/22/2018			<0.002		<0.002
10/3/2018	<0.002	<0.002	<0.002	<0.002	
10/4/2018					<0.002
3/26/2019	<0.002	0.0039		<0.002	
3/27/2019			<0.002		<0.002
9/10/2019	0.0011 (J)	0.0017 (J)			
9/11/2019			<0.002	0.00066 (J)	0.00086 (J)
3/18/2020	<0.002		<0.002	<0.002	
3/19/2020		<0.002			<0.002
9/9/2020			<0.002		
9/10/2020	0.00072 (J)	0.0011 (J)		<0.002	0.0024
4/1/2021			<0.002		0.00094 (J)

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Copper (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
4/2/2021		0.0012 (J)			
4/5/2021				<0.002	
4/6/2021	0.00088 (J)				
8/11/2021				<0.002	<0.002
8/12/2021	0.0019 (J)	<0.002	<0.002		
2/15/2022	0.0013 (J)	0.0011 (J)	<0.002	<0.002	<0.002
8/25/2022	0.0013 (J)	<0.002	<0.002	<0.002	<0.002
2/27/2023		<0.002		<0.002	<0.002
2/28/2023	<0.002		<0.002		
8/8/2023		<0.002	<0.002	<0.002	<0.002
8/9/2023	<0.002				
2/29/2024		<0.002	<0.002	<0.002	<0.002
3/4/2024	<0.002				
8/6/2024			<0.002		<0.002
8/7/2024	<0.002	<0.002		<0.002	
2/24/2025				<0.002	<0.002
2/25/2025	<0.002	<0.002	<0.002		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Copper (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
5/9/2010					<0.002
5/10/2010	0.0036 (J)	<0.002	<0.002	<0.002	
6/16/2010		<0.002	<0.002	<0.002	
6/18/2010					<0.002
6/19/2010	0.004 (J)				
7/27/2010		<0.002		<0.002	<0.002
7/28/2010	0.013		<0.002		
9/8/2010	0.068	<0.002	<0.002	<0.002	<0.002
4/29/2011		<0.002	<0.002	<0.002	<0.002
4/30/2011	0.098				
10/27/2011	0.02	<0.002	<0.002	<0.002	
10/28/2011					<0.002
5/3/2012		0.0023 (J)			<0.002
5/4/2012	0.024		<0.002	<0.002	
11/10/2012				<0.002	<0.002
11/11/2012	0.032	<0.002	<0.002		
5/9/2013		<0.002	<0.002	<0.002	<0.002
5/10/2013	0.18 (O)				
11/5/2013			<0.002		
11/6/2013		<0.002		<0.002	<0.002
11/7/2013	0.021				
5/20/2014				<0.002	<0.002
5/21/2014	0.0089 (J)	<0.002	<0.002		
11/12/2014		<0.002	<0.002	<0.002	<0.002
11/13/2014	0.1				
5/23/2015	0.048	<0.002	<0.002		<0.002
5/24/2015				<0.002	
11/11/2015	0.059				
11/12/2015		<0.002	<0.002	<0.002	<0.002
4/13/2016		<0.002	<0.002	<0.002	<0.002
4/19/2016	0.0131 (J)				
10/5/2016			<0.002	<0.002	<0.002
10/6/2016		<0.002			
10/10/2016	0.0046				
4/5/2017					<0.002
4/6/2017		<0.002	<0.002	<0.002	
4/7/2017	<0.002				
10/5/2017		<0.002	<0.002	0.0021 (J)	<0.002
10/9/2017	<0.002				
3/21/2018		0.0038	<0.002	<0.002	<0.002
3/22/2018	<0.002				
10/2/2018		<0.002	<0.002	<0.002	<0.002
10/4/2018	<0.002				
3/26/2019					<0.002
3/27/2019	<0.002	<0.002	<0.002	<0.002	
9/11/2019	<0.002	<0.002	<0.002	<0.002	<0.002
3/18/2020	<0.002	<0.002	<0.002	<0.002	<0.002
9/9/2020	<0.002	<0.002	<0.002		
9/10/2020				0.0007 (J)	<0.002
4/1/2021		<0.002	<0.002	<0.002	<0.002
4/5/2021	<0.002				
8/11/2021				<0.002	<0.002

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Copper (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
8/12/2021	<0.002	<0.002			
8/17/2021			0.0053		
10/18/2021			<0.002		
2/15/2022	<0.002	<0.002	<0.002		
2/16/2022				<0.002	<0.002
8/25/2022	<0.002	0.0017 (J)	<0.002	<0.002	
8/26/2022					<0.002
2/21/2023			<0.002		
2/27/2023	<0.002	0.0013 (J)		<0.002	<0.002
8/8/2023	<0.002	<0.002			
8/9/2023			<0.002	<0.002	<0.002
2/29/2024	<0.002			<0.002	<0.002
3/1/2024		<0.002	<0.002		
8/6/2024	<0.002	<0.002	<0.002	<0.002	<0.002
2/24/2025	<0.002	<0.002	<0.002	<0.002	<0.002

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Copper (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
5/9/2010	<0.002	<0.002			
5/10/2010			<0.002		
5/11/2010				<0.002	<0.002
6/16/2010			0.0025 (J)	<0.002	
6/17/2010					<0.002
6/18/2010	<0.002	<0.002			
7/26/2010			0.0023 (J)		
7/27/2010				<0.002	0.0021 (J)
7/28/2010		<0.002			
7/29/2010	<0.002				
9/7/2010			<0.002	<0.002	<0.002
9/9/2010	<0.002	<0.002			
4/26/2011	<0.002				
4/29/2011			<0.002	<0.002	<0.002
4/30/2011		<0.002			
10/28/2011	<0.002	<0.002	<0.002	<0.002	<0.002
5/2/2012			<0.002	<0.002	
5/3/2012		0.0021 (J)			<0.002
5/4/2012	0.0024 (J)				
11/9/2012			<0.002	<0.002	
11/10/2012		<0.002			<0.002
11/11/2012	<0.002				
5/8/2013	<0.002	<0.002	<0.002		
5/9/2013				<0.002	<0.002
11/5/2013		<0.002			
11/6/2013			<0.002	<0.002	<0.002
11/7/2013	<0.002				
5/20/2014	<0.002	<0.002			
5/22/2014				<0.002	<0.002
5/23/2014			<0.002		
11/8/2014			<0.002	<0.002	
11/9/2014					<0.002
11/12/2014	<0.002	<0.002			
5/22/2015			<0.002	<0.002	<0.002
5/24/2015	<0.002	<0.002			
11/10/2015			<0.002	<0.002	<0.002
11/11/2015		<0.002			
11/12/2015	<0.002				
4/11/2016			<0.002	<0.002	
4/12/2016					<0.002
4/13/2016	<0.002	<0.002			
10/4/2016		<0.002			
10/5/2016			<0.002	<0.002	<0.002
10/7/2016	<0.002				
4/5/2017				<0.002	
4/6/2017	<0.002	<0.002	<0.002		<0.002
10/5/2017		<0.002	<0.002	<0.002	<0.002
10/6/2017	<0.002				
3/20/2018		<0.002	<0.002	<0.002	
3/21/2018					<0.002
3/22/2018	<0.002				
10/2/2018		<0.002	<0.002	<0.002	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Copper (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
10/3/2018	<0.002				<0.002
3/26/2019	<0.002	<0.002	<0.002	<0.002	<0.002
9/11/2019	<0.002	<0.002	0.00084 (J)		
3/18/2020	<0.002	<0.002	<0.002		
3/19/2020				<0.002	<0.002
9/9/2020		<0.002	0.00084 (J)	<0.002	
9/10/2020	<0.002				<0.002
4/1/2021		<0.002	<0.002		
4/5/2021				<0.002	<0.002
4/6/2021	<0.002				
8/11/2021	<0.002	<0.002	<0.002	<0.002	<0.002
2/16/2022	<0.002	<0.002	<0.002	<0.002	<0.002
8/25/2022			<0.002	<0.002	<0.002
8/26/2022	<0.002	<0.002			
2/27/2023	<0.002	<0.002			
2/28/2023			0.0011 (J)	<0.002	<0.002
8/8/2023				<0.002	<0.002
8/9/2023	<0.002	<0.002	<0.002		
2/29/2024			<0.002	<0.002	
3/1/2024	<0.002	<0.002			<0.002
8/6/2024	<0.002		<0.002	<0.002	<0.002
8/8/2024		<0.002			
2/24/2025	<0.002				
2/25/2025		<0.002	<0.002	<0.002	<0.002

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Fluoride (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
4/6/2016	0.017 (J)	0.048 (J)	0.039 (J)		
4/12/2016				0.087 (J)	0.046 (J)
6/15/2016	<0.01	<0.01	<0.01		
6/16/2016				0.04 (JD)	<0.01 (D)
8/10/2016	<0.01	<0.01	<0.01		
8/11/2016				0.092 (J)	<0.01
10/4/2016	<0.01	<0.01		<0.01	<0.01
10/5/2016			<0.01		
11/29/2016		<0.01	<0.01		
11/30/2016	<0.01			0.091 (J)	<0.01
2/7/2017	<0.01	<0.01	<0.01	<0.01	<0.01
4/4/2017	<0.01	<0.01	<0.01		
4/5/2017				<0.01	
4/6/2017					<0.01
6/20/2017	<0.01	<0.01	<0.01	0.082 (J)	<0.01
10/4/2017	<0.01			<0.01	<0.01
10/5/2017		<0.01	<0.01		
3/20/2018	<0.01	<0.01	<0.01	<0.01	<0.01
10/2/2018	<0.01	<0.01	<0.01	0.089 (J)	<0.01
3/26/2019	<0.01	0.041 (J)	0.042 (J)	0.072 (J)	0.046 (J)
9/10/2019	<0.01	0.047 (J)	0.046 (J)	0.077 (J)	0.048 (J)
3/18/2020	0.036 (J)	0.041 (J)	0.071 (J)	0.098 (J)	0.055 (J)
9/9/2020	<0.01	0.034 (J)	0.036 (J)	0.069 (J)	0.033 (J)
4/1/2021	<0.01	0.035 (J)	0.042 (J)	0.081 (J)	0.043 (J)
8/11/2021	0.036 (J)	0.05 (J)	0.053 (J)		
8/12/2021					0.054 (J)
8/18/2021				0.14	
10/18/2021				0.081 (J)	
2/15/2022	0.054 (J)	0.079 (J)	0.083 (J)	0.12	0.072 (J)
5/12/2022				0.048 (J)	
8/24/2022			0.047 (J)	0.075 (J)	
8/25/2022	<0.01	0.047 (J)			
8/26/2022					0.048 (J)
2/27/2023				0.08 (J)	0.055 (J)
2/28/2023	0.077 (J)	0.089 (J)	0.067 (J)		
8/3/2023	<0.01	0.074 (J)	0.068 (J)		
8/9/2023				0.11	0.068 (J)
2/28/2024		<0.01	<0.01		
3/1/2024				<0.01	<0.01
3/4/2024	<0.01				
8/6/2024	<0.01	<0.01	<0.01	0.079 (J)	0.049 (J)
2/25/2025	<0.01	<0.01		<0.01	<0.01
2/26/2025			<0.01		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Fluoride (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
4/12/2016	0.057 (J)	0.121 (J)		0.061 (J)	
4/13/2016					0.061 (J)
4/19/2016			0.024 (J)		
6/20/2016	0.04 (J)	0.04 (J)		<0.01	0.12 (J)
6/22/2016			<0.01		
8/15/2016					<0.01
8/16/2016	<0.01	0.13 (J)	<0.01	<0.01	
10/5/2016	<0.01				
10/6/2016		0.1 (J)	<0.01	<0.01	<0.01
11/30/2016	<0.01	0.13 (J)		<0.01	
12/1/2016			<0.01		<0.01
2/8/2017	<0.01	0.093 (J)			
2/9/2017			<0.01	<0.01	<0.01
4/6/2017	<0.01	0.1 (J)	<0.01	<0.01	
4/7/2017					<0.01
6/21/2017	<0.01		<0.01	<0.01	
6/22/2017		0.11 (J)			<0.01
10/5/2017	<0.01		<0.01		
10/6/2017		0.096 (J)		<0.01	<0.01
3/21/2018	<0.01	0.094 (J)		<0.01	
3/22/2018			<0.01		<0.01
10/3/2018	<0.01	0.1 (J)	<0.01	<0.01	
10/4/2018					<0.01
3/26/2019	0.046 (J)	0.087 (J)		0.058 (J)	
3/27/2019			0.038 (J)		0.04 (J)
9/10/2019	0.058 (J)	0.097 (J)			
9/11/2019			0.045 (J)	0.058 (J)	0.057 (J)
3/18/2020	0.091 (J)		0.055 (J)	0.082 (J)	
3/19/2020		0.038 (J)			<0.01
9/9/2020			0.033 (J)		
9/10/2020	0.063 (J)	0.1		0.052 (J)	0.053 (J)
4/1/2021			0.029 (J)		0.072 (J)
4/2/2021		0.097 (J)			
4/6/2021	0.045 (J)				
6/2/2021				0.038 (J)	
8/11/2021				0.055 (J)	0.058 (J)
8/12/2021	0.084 (J)	0.11	0.045 (J)		
2/15/2022	0.092 (J)	0.13	0.16	0.095 (J)	0.083 (J)
5/12/2022			0.03 (J)		
8/25/2022	0.059 (J)	0.077 (J)	0.047 (J)	0.058 (J)	0.051 (J)
2/27/2023		0.075 (J)		0.072 (J)	0.054 (J)
2/28/2023	0.08 (J)		0.065 (J)		
8/8/2023		0.1	0.066 (J)	0.1	0.084 (J)
8/9/2023	0.076 (J)				
2/29/2024		<0.01	<0.01	<0.01	<0.01
3/4/2024	<0.01				
8/6/2024			<0.01		0.048 (J)
8/7/2024	0.059 (J)	<0.01		0.065 (J)	
2/24/2025				<0.01	<0.01
2/25/2025	<0.01	<0.01	<0.01		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Fluoride (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
4/13/2016		0.083 (J)	0.082 (J)	0.061 (J)	0.01 (J)
4/19/2016	0.135 (J)				
6/21/2016			0.02 (J)	0.03 (J)	<0.01
6/22/2016		0.03 (J)			
8/15/2016		<0.01	<0.01	<0.01	<0.01
10/5/2016			<0.01	<0.01	<0.01
10/6/2016		<0.01			
10/10/2016	0.12 (J)				
12/1/2016	0.12 (J)	<0.01	<0.01	<0.01	<0.01
2/8/2017		<0.01	<0.01	<0.01	<0.01
2/9/2017	0.11 (J)				
4/5/2017					<0.01
4/6/2017		<0.01	<0.01	<0.01	
4/7/2017	0.15 (J)				
6/20/2017				<0.01	<0.01
6/21/2017	0.21	<0.01	<0.01		
8/15/2017	0.1 (J)				
9/1/2017	0.084 (J)				
10/5/2017		0.084 (J)	<0.01	<0.01	<0.01
10/9/2017	0.11 (J)				
3/21/2018		<0.01	<0.01	<0.01	<0.01
3/22/2018	0.091 (J)				
10/2/2018		<0.01	<0.01	<0.01	<0.01
10/4/2018	0.14 (J)				
3/26/2019					0.026 (J)
3/27/2019	0.071 (J)	0.066 (J)	0.077 (J)	0.048 (J)	
9/11/2019	0.071 (J)	0.067 (J)	0.067 (J)	0.054 (J)	0.039 (J)
3/18/2020	0.073 (J)	0.096 (J)	0.088 (J)	0.064 (J)	0.046 (J)
9/9/2020	0.038 (J)	0.067 (J)	0.055 (J)		
9/10/2020				0.052 (J)	<0.01
4/1/2021		0.072 (J)	0.086 (J)	0.042 (J)	<0.01
6/1/2021	0.034 (J)				
8/11/2021				0.051 (J)	0.029 (J)
8/12/2021	0.087 (J)	0.085 (J)			
8/17/2021			0.083 (J)		
2/15/2022	0.096 (J)	0.096 (J)	0.099 (J)		
2/16/2022				<0.01	<0.01
8/25/2022	0.059 (J)	0.064 (J)	0.065 (J)	0.059 (J)	
8/26/2022					0.026 (J)
2/21/2023			0.061 (J)		
2/27/2023	0.097 (J)	0.07 (J)		0.064 (J)	0.032 (J)
8/8/2023	0.053 (J)	0.088 (J)			
8/9/2023			0.083 (J)	0.071 (J)	<0.01
2/29/2024	<0.01			<0.01	<0.01
3/1/2024		<0.01	<0.01		
8/6/2024	<0.01	0.07 (J)	0.064 (J)	<0.01	<0.01
2/24/2025	<0.01	<0.01	<0.01	<0.01	<0.01

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Fluoride (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
4/11/2016			0.047 (J)	0.048 (J)	
4/12/2016					0.056 (J)
4/13/2016	0.039 (J)	0.027 (J)			
6/16/2016			<0.01 (D)	<0.01 (D)	<0.01 (D)
6/21/2016	<0.01	<0.01			
8/11/2016			<0.01	<0.01	<0.01
8/15/2016	<0.01	<0.01			
10/4/2016		<0.01			
10/5/2016			<0.01	<0.01	<0.01
10/7/2016	<0.01				
11/29/2016			<0.01	<0.01	
11/30/2016					<0.01
12/1/2016	<0.01	<0.01			
2/7/2017		<0.01			
2/8/2017			<0.01	<0.01	<0.01
2/9/2017	<0.01				
4/5/2017				<0.01	
4/6/2017	<0.01	<0.01	<0.01		<0.01
6/20/2017		<0.01			
6/21/2017			<0.01	<0.01	<0.01
6/22/2017	<0.01				
10/5/2017		<0.01	<0.01	<0.01	<0.01
10/6/2017	<0.01				
3/20/2018		<0.01	<0.01	<0.01	
3/21/2018					<0.01
3/22/2018	<0.01				
10/2/2018		<0.01	<0.01	<0.01	
10/3/2018	<0.01				<0.01
3/26/2019	0.04 (J)	0.034 (J)	0.046 (J)	0.04 (J)	0.045 (J)
9/11/2019	0.051 (J)	0.045 (J)	0.055 (J)		
9/12/2019				0.032 (J)	0.044 (J)
3/18/2020	0.055 (J)	0.068 (J)	<0.01		
3/19/2020				<0.01	<0.01
9/9/2020		<0.01	0.045 (J)	0.034 (J)	
9/10/2020	0.034 (J)				0.051 (J)
4/1/2021		<0.01	0.041 (J)		
4/6/2021	0.026 (J)				
6/1/2021				0.026 (J)	0.033 (J)
8/11/2021	0.045 (J)	0.045 (J)	0.062 (J)	0.047 (J)	0.051 (J)
2/16/2022	<0.01	<0.01	0.034 (J)	0.028 (J)	<0.01
8/25/2022			0.047 (J)	0.042 (J)	0.05 (J)
8/26/2022	0.055 (J)	0.068 (J)			
2/27/2023	0.055 (J)	0.047 (J)			
2/28/2023			0.12	0.079 (J)	0.089 (J)
8/8/2023				0.067 (J)	0.053 (J)
8/9/2023	0.06 (J)	<0.01	0.066 (J)		
2/29/2024			<0.01	<0.01	
3/1/2024	<0.01	<0.01			<0.01
8/6/2024	<0.01		<0.01	<0.01	<0.01
8/8/2024		<0.01			
2/24/2025	<0.01				
2/25/2025		<0.01	<0.01	<0.01	<0.01

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
5/8/2010			<0.001		
5/9/2010	<0.001	0.0021 (J)			
5/11/2010				<0.001	<0.001
6/16/2010		0.0028 (J)	0.0021 (J)		
6/17/2010				0.0026 (J)	
6/18/2010	<0.001				
6/19/2010					0.003 (J)
7/26/2010			<0.001		
7/27/2010		<0.001		<0.001	<0.001
7/28/2010	<0.001				
9/7/2010		<0.001	<0.001		
9/9/2010	<0.001			<0.001	<0.001
4/28/2011				0.0036 (J)	0.0037 (J)
4/29/2011		0.0032 (J)	0.0024 (J)		
4/30/2011	<0.001				
10/28/2011	<0.001	0.0025 (J)	0.002 (J)		0.003 (J)
10/29/2011				0.0038 (J)	
5/2/2012	<0.001	<0.001	<0.001		
5/3/2012				<0.001	<0.001
11/9/2012	<0.001	0.0024 (J)	<0.001	0.0024 (J)	0.003 (J)
5/8/2013	<0.001	0.0051	0.0034 (J)		
5/9/2013				0.0085	0.0063
11/5/2013	<0.001			0.0042 (J)	0.0043 (J)
11/6/2013		0.0033 (J)	0.0028 (J)		
5/20/2014	<0.001	<0.001	<0.001		
5/22/2014					<0.001
5/23/2014				<0.001	
11/8/2014		<0.001	<0.001		
11/12/2014	<0.001				
11/13/2014				<0.001	0.0021 (J)
5/22/2015	<0.001	0.0036 (J)	0.0032 (J)		
5/23/2015				0.0044 (J)	
5/24/2015					0.0043 (J)
11/9/2015		0.0039 (J)	<0.001		
11/11/2015	<0.001			0.0042 (J)	0.0032 (J)
4/6/2016	<0.001	<0.001	<0.001		
4/12/2016				<0.001	<0.001
6/15/2016	<0.001	<0.001	<0.001		
6/16/2016				<0.001	<0.001
8/10/2016	<0.001	<0.001	<0.001		
8/11/2016				<0.001	<0.001
10/4/2016	<0.001	<0.001		<0.001	<0.001
10/5/2016			<0.001		
11/29/2016		<0.001	<0.001		
11/30/2016	<0.001			<0.001	<0.001
2/7/2017	<0.001	<0.001	<0.001	<0.001	<0.001
4/4/2017	<0.001	<0.001	<0.001		
4/5/2017				<0.001	
4/6/2017					<0.001
6/20/2017	<0.001	<0.001	<0.001	<0.001	<0.001
10/4/2017	<0.001			0.00067 (J)	<0.001
10/5/2017		<0.001	<0.001		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
3/20/2018	<0.001	<0.001	<0.001	<0.001	<0.001
10/2/2018	<0.001	<0.001	<0.001	<0.001	<0.001
3/26/2019	<0.001	<0.001	<0.001	<0.001	<0.001
9/10/2019	<0.001	0.00016 (J)	0.00022 (J)	<0.001	<0.001
3/18/2020	<0.001	<0.001	<0.001	0.00023 (J)	0.00014 (J)
9/9/2020	<0.001	<0.001	<0.001	<0.001	<0.001
4/1/2021	<0.001	<0.001	<0.001	<0.001	<0.001
8/11/2021	<0.001	<0.001	<0.001		
8/12/2021					<0.001
8/18/2021				<0.001	
2/15/2022	<0.001	<0.001	<0.001	<0.001	<0.001
8/24/2022			<0.001	<0.001	
8/25/2022	<0.001	<0.001			
8/26/2022					<0.001
2/27/2023				<0.001	<0.001
2/28/2023	<0.001	<0.001	<0.001		
8/3/2023	<0.001	<0.001	<0.001		
8/9/2023				<0.001	<0.001
2/28/2024		<0.001	<0.001		
3/1/2024				0.00028 (J)	<0.001
3/4/2024	<0.001				
8/6/2024	<0.001	<0.001	<0.001	<0.001	<0.001
2/25/2025	<0.001	<0.001		<0.001	<0.001
2/26/2025			<0.001		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
5/10/2010					<0.001
5/11/2010	0.011 (O)	<0.001	<0.001	<0.001	
6/17/2010	0.0027 (J)	<0.001			
6/18/2010			0.0024 (J)	<0.001	0.0027 (J)
7/27/2010			<0.001	<0.001	
7/28/2010	<0.001	<0.001			<0.001
9/7/2010	<0.001				
9/8/2010		0.002 (J)			
9/9/2010			<0.001	<0.001	0.002 (J)
4/28/2011		0.0042 (J)			
4/29/2011	0.0038 (J)		0.0028 (J)		
4/30/2011				0.0034 (J)	0.0037 (J)
10/28/2011	<0.001		<0.001		
10/29/2011		0.0036 (J)		0.0041 (J)	0.0025 (J)
5/3/2012	<0.001	<0.001			
5/4/2012			<0.001	<0.001	<0.001
11/9/2012	0.0029 (J)				
11/10/2012		0.0023 (J)	<0.001	0.0023 (J)	0.003 (J)
5/9/2013			0.0061	0.0067	0.0064
5/10/2013	0.0061	0.0062			
11/6/2013	0.0025 (J)	0.0043 (J)	0.0034 (J)		
11/7/2013				0.0048 (J)	0.0037 (J)
5/21/2014				<0.001	<0.001
5/22/2014	<0.001	<0.001	<0.001		
11/9/2014	<0.001	<0.001	<0.001	<0.001	
11/12/2014					<0.001
5/22/2015	0.0034 (J)	0.0046 (J)			
5/24/2015			0.0093 (JO)	0.0045 (J)	0.0053 (J)
11/10/2015	0.0021 (J)				
11/11/2015		0.0028 (J)	0.0071 (J)	0.0048 (J)	0.0022 (J)
4/12/2016	<0.001	<0.001		<0.001	
4/13/2016					<0.001
4/19/2016			<0.001		
6/20/2016	<0.001	<0.001		<0.001	<0.001
6/22/2016			<0.001		
8/12/2016	<0.001	<0.001		<0.001	
8/15/2016					<0.001
8/16/2016			<0.001		
10/5/2016	<0.001				
10/6/2016		<0.001	<0.001	<0.001	<0.001
11/30/2016	<0.001	<0.001		<0.001	
12/1/2016			<0.001		<0.001
2/8/2017	<0.001	<0.001			
2/9/2017			<0.001	<0.001	<0.001
4/6/2017	<0.001	<0.001	<0.001	<0.001	
4/7/2017					<0.001
6/21/2017	<0.001		<0.001	<0.001	
6/22/2017		<0.001			<0.001
10/5/2017	<0.001		<0.001		
10/6/2017		<0.001		<0.001	<0.001
3/21/2018	<0.001	<0.001		<0.001	
3/22/2018			<0.001		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
10/3/2018	0.00037 (J)	<0.001	<0.001	<0.001	
10/4/2018					<0.001
3/26/2019	<0.001	<0.001		<0.001	
3/27/2019			<0.001		<0.001
9/10/2019	<0.001	<0.001			
9/11/2019			<0.001	<0.001	<0.001
3/18/2020	<0.001		<0.001	<0.001	
3/19/2020		0.00019 (J)			<0.001
9/9/2020			<0.001		
9/10/2020	<0.001	<0.001		<0.001	0.00017 (J)
4/1/2021			<0.001		<0.001
4/2/2021		<0.001			
4/5/2021				<0.001	
4/6/2021	<0.001				
8/11/2021				<0.001	0.00014 (J)
8/12/2021	0.00014 (J)	<0.001	<0.001		
2/15/2022	<0.001	<0.001	<0.001	<0.001	<0.001
8/25/2022	<0.001	<0.001	<0.001	<0.001	<0.001
2/27/2023		<0.001		<0.001	<0.001
2/28/2023	<0.001		<0.001		
8/8/2023		<0.001	<0.001	<0.001	<0.001
8/9/2023	<0.001				
2/29/2024		<0.001	<0.001	<0.001	<0.001
3/4/2024	<0.001				
8/6/2024			<0.001		<0.001
8/7/2024	<0.001	<0.001		<0.001	
2/24/2025				<0.001	<0.001
2/25/2025	<0.001	<0.001	<0.001		

Time Series

Constituent: Lead (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
5/9/2010					<0.001
5/10/2010	<0.001	<0.001	<0.001	<0.001	
6/16/2010		0.003 (J)	0.002 (J)	<0.001	
6/18/2010					<0.001
6/19/2010	<0.001				
7/27/2010		<0.001		<0.001	<0.001
7/28/2010	<0.001		<0.001		
9/8/2010	0.0023 (J)	<0.001	<0.001	<0.001	<0.001
4/29/2011		0.0039 (J)	0.003 (J)	0.0032 (J)	<0.001
4/30/2011	0.011 (O)				
10/27/2011	0.0055	0.0043 (J)	0.0027 (J)	0.0027 (J)	
10/28/2011					<0.001
5/3/2012		<0.001			<0.001
5/4/2012	0.0029 (J)		<0.001	<0.001	
11/10/2012				0.0025 (J)	<0.001
11/11/2012	0.0052	0.0025 (J)	0.0022 (J)		
5/9/2013		0.0067	0.007	0.0051	<0.001
5/10/2013	0.023 (O)				
11/5/2013			0.0048 (J)		
11/6/2013		0.0069		0.0037 (J)	<0.001
11/7/2013	0.0083				
5/20/2014				<0.001	<0.001
5/21/2014	<0.001	<0.001	<0.001		
11/12/2014		0.002 (J)	0.002 (J)	<0.001	<0.001
11/13/2014	0.0085				
5/23/2015	0.0077 (J)	0.003 (J)	0.0035 (J)		<0.001
5/24/2015				0.0037 (J)	
11/11/2015	0.008 (J)				
11/12/2015		0.0044 (J)	0.0032 (J)	0.0038 (J)	<0.001
4/13/2016		<0.001	<0.001	<0.001	<0.001
4/19/2016	<0.001				
6/21/2016			<0.001	<0.001	<0.001
6/22/2016		<0.001			
8/15/2016		<0.001	<0.001	<0.001	<0.001
10/5/2016			<0.001	<0.001	<0.001
10/6/2016		<0.001			
10/10/2016	<0.001				
12/1/2016	0.00047 (J)	<0.001	<0.001	<0.001	<0.001
2/8/2017		<0.001	<0.001	<0.001	<0.001
2/9/2017	0.0012 (J)				
4/5/2017					<0.001
4/6/2017		<0.001	<0.001	<0.001	
4/7/2017	<0.001				
6/20/2017				<0.001	<0.001
6/21/2017	<0.001	<0.001	<0.001		
8/15/2017	<0.001				
9/1/2017	<0.001				
10/5/2017		<0.001	<0.001	<0.001	<0.001
10/9/2017	<0.001				
3/21/2018		<0.001	<0.001	<0.001	<0.001
3/22/2018	<0.001				
10/2/2018		<0.001	<0.001	<0.001	<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
10/4/2018	<0.001				
3/26/2019					<0.001
3/27/2019	<0.001	<0.001	<0.001	<0.001	
9/11/2019	<0.001	<0.001	<0.001	<0.001	<0.001
3/18/2020	<0.001	<0.001	<0.001	0.0017	<0.001
9/9/2020	<0.001	<0.001	<0.001		
9/10/2020				0.00014 (J)	<0.001
4/1/2021		<0.001	<0.001	<0.001	<0.001
4/5/2021	0.00034 (J)				
8/11/2021				<0.001	<0.001
8/12/2021	<0.001	<0.001			
8/17/2021			0.00044 (J)		
10/18/2021			<0.001		
2/15/2022	<0.001	<0.001	<0.001		
2/16/2022				<0.001	<0.001
8/25/2022	<0.001	<0.001	<0.001	<0.001	
8/26/2022					<0.001
2/21/2023			<0.001		
2/27/2023	<0.001	<0.001		<0.001	<0.001
8/8/2023	<0.001	<0.001			
8/9/2023			<0.001	<0.001	<0.001
2/29/2024	0.00021 (J)			0.0012	<0.001
3/1/2024		<0.001	<0.001		
8/6/2024	<0.001	<0.001	<0.001	<0.001	<0.001
2/24/2025	<0.001	<0.001	<0.001	<0.001	<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
5/9/2010	<0.001	<0.001			
5/10/2010			<0.001		
5/11/2010				<0.001	0.0026 (J)
6/16/2010			0.0023 (J)	0.0022 (J)	
6/17/2010					0.0021 (J)
6/18/2010	0.0021 (J)	<0.001			
7/26/2010			<0.001		
7/27/2010				<0.001	<0.001
7/28/2010		<0.001			
7/29/2010	<0.001				
9/7/2010			<0.001	<0.001	<0.001
9/9/2010	<0.001	<0.001			
4/26/2011	<0.001				
4/29/2011			0.0033 (J)	0.0029 (J)	0.0032 (J)
4/30/2011		<0.001			
10/28/2011	<0.001	<0.001	0.0023 (J)	0.0021 (J)	0.0025 (J)
5/2/2012			<0.001	<0.001	
5/3/2012		<0.001			<0.001
5/4/2012	<0.001				
11/9/2012			<0.001	0.002 (J)	
11/10/2012		<0.001			<0.001
11/11/2012	<0.001				
5/8/2013	0.0036 (J)	0.0024 (J)	0.0052		
5/9/2013				0.0056	0.0056
11/5/2013		0.0028 (J)			
11/6/2013			0.003 (J)	0.0035 (J)	0.0032 (J)
11/7/2013	<0.001				
5/20/2014	<0.001	<0.001			
5/22/2014				<0.001	<0.001
5/23/2014			<0.001		
11/8/2014			<0.001	<0.001	
11/9/2014					<0.001
11/12/2014	<0.001	<0.001			
5/22/2015			0.0023 (J)	0.0047 (J)	0.0044 (J)
5/24/2015	<0.001	<0.001			
11/10/2015			0.0025 (J)	0.0044 (J)	0.0038 (J)
11/11/2015		<0.001			
11/12/2015	<0.001				
4/11/2016			<0.001	<0.001	
4/12/2016					<0.001
4/13/2016	<0.001	<0.001			
6/16/2016			<0.001	<0.001	<0.001
6/21/2016	<0.001	<0.001			
8/11/2016			<0.001	<0.001	<0.001
8/15/2016	<0.001	<0.001			
10/4/2016		<0.001			
10/5/2016			<0.001	<0.001	<0.001
10/7/2016	<0.001				
11/29/2016			<0.001	<0.001	
11/30/2016					<0.001
12/1/2016	<0.001	<0.001			
2/7/2017		<0.001			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
2/8/2017			<0.001	<0.001	<0.001
2/9/2017	<0.001				
4/5/2017				0.0009 (J)	
4/6/2017	<0.001	<0.001	<0.001		<0.001
6/20/2017		<0.001			
6/21/2017			<0.001	<0.001	<0.001
6/22/2017	<0.001				
10/5/2017		<0.001	<0.001	0.0015	<0.001
10/6/2017	0.00061 (J)				
3/20/2018		<0.001	<0.001	<0.001	
3/21/2018					<0.001
3/22/2018	<0.001				
10/2/2018		<0.001	<0.001	<0.001	
10/3/2018	<0.001				<0.001
3/26/2019	<0.001	<0.001	<0.001	<0.001	<0.001
9/11/2019	<0.001	<0.001	<0.001		
9/12/2019				<0.001	<0.001
3/18/2020	<0.001	<0.001	<0.001		
3/19/2020				<0.001	<0.001
9/9/2020		<0.001	<0.001	<0.001	
9/10/2020	<0.001				<0.001
4/1/2021		<0.001	<0.001		
4/5/2021				0.00014 (J)	<0.001
4/6/2021	<0.001				
8/11/2021	<0.001	<0.001	<0.001	<0.001	<0.001
2/16/2022	<0.001	<0.001	<0.001	<0.001	<0.001
8/25/2022			<0.001	<0.001	<0.001
8/26/2022	<0.001	<0.001			
2/27/2023	<0.001	<0.001			
2/28/2023			<0.001	<0.001	<0.001
8/8/2023				<0.001	<0.001
8/9/2023	<0.001	<0.001	<0.001		
2/29/2024			<0.001	<0.001	
3/1/2024	<0.001	<0.001			<0.001
8/6/2024	<0.001		<0.001	<0.001	<0.001
8/8/2024		<0.001			
2/24/2025	<0.001				
2/25/2025		<0.001	<0.001	<0.001	<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Mercury (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
5/8/2010			<0.0002		
5/9/2010	<0.0002	<0.0002			
5/11/2010				<0.0002	<0.0002
6/16/2010		<0.0002	<0.0002		
6/17/2010				<0.0002	
6/18/2010	<0.0002				
6/19/2010					<0.0002
7/26/2010			<0.0002		
7/27/2010		<0.0002		<0.0002	<0.0002
7/28/2010	<0.0002				
9/7/2010		7.4E-05 (J)	7.8E-05 (J)		
9/9/2010	<0.0002			<0.0002	9.3E-05 (J)
4/28/2011				<0.0002	<0.0002
4/29/2011		<0.0002	<0.0002		
4/30/2011	<0.0002				
10/28/2011	<0.0002	<0.0002	<0.0002		<0.0002
10/29/2011				<0.0002	
5/2/2012	<0.0002	<0.0002	<0.0002		
5/3/2012				<0.0002	<0.0002
11/9/2012	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
5/8/2013	7E-05 (J)	8E-05 (J)	<0.0002		
5/9/2013				<0.0002	<0.0002
11/5/2013	<0.0002			7.3E-05 (J)	0.00011 (J)
11/6/2013		0.00014 (J)	0.00011 (J)		
5/20/2014	<0.0002	<0.0002	<0.0002		
5/22/2014					<0.0002
5/23/2014				<0.0002	
11/8/2014		<0.0002	<0.0002		
11/12/2014	<0.0002				
11/13/2014				<0.0002	<0.0002
5/22/2015	7.2E-05 (J)	<0.0002	7.1E-05 (J)		
5/23/2015				<0.0002	
5/24/2015					<0.0002
11/9/2015		<0.0002	<0.0002		
11/11/2015	<0.0002			<0.0002	<0.0002
4/6/2016	<0.0002	<0.0002	<0.0002		
4/12/2016				<0.0002	<0.0002
6/15/2016	<0.0002	<0.0002	<0.0002		
6/16/2016				<0.0002	<0.0002
8/10/2016	9.3E-05 (J)	<0.0002	0.00011 (J)		
8/11/2016				0.0001 (J)	0.00012 (J)
10/4/2016	<0.0002	<0.0002		<0.0002	<0.0002
10/5/2016			<0.0002		
11/29/2016		<0.0002	<0.0002		
11/30/2016	<0.0002			<0.0002	<0.0002
2/7/2017	<0.0002	<0.0002	<0.0002	7E-05 (J)	<0.0002
4/4/2017	<0.0002	<0.0002	<0.0002		
4/5/2017				<0.0002	
4/6/2017					<0.0002
6/20/2017	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
10/4/2017	<0.0002			<0.0002	<0.0002
10/5/2017		<0.0002	<0.0002		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Mercury (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
3/20/2018	<0.0002	<0.0002	0.00014 (J)	0.00011 (J)	0.00012 (J)
10/2/2018	0.000138 (JD)	0.00012 (J)	0.000139 (JD)	0.000136 (JD)	<0.0002
3/26/2019	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
9/10/2019	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
3/18/2020	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
9/9/2020	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
4/1/2021	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
8/11/2021	<0.0002	<0.0002	<0.0002		
8/12/2021					<0.0002
8/18/2021				<0.0002	
2/15/2022	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
8/24/2022			<0.0002	<0.0002	
8/25/2022	<0.0002	<0.0002			
8/26/2022					<0.0002
2/27/2023				<0.0002	<0.0002
2/28/2023	<0.0002	<0.0002	<0.0002		
8/3/2023	<0.0002	<0.0002	<0.0002		
8/9/2023				<0.0002	<0.0002
2/28/2024		<0.0002	<0.0002		
3/1/2024				<0.0002	<0.0002
3/4/2024	<0.0002				
8/6/2024	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
2/25/2025	<0.0002	<0.0002		<0.0002	<0.0002
2/26/2025			<0.0002		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Mercury (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
5/10/2010					<0.0002
5/11/2010	<0.0002	<0.0002	<0.0002	<0.0002	
6/17/2010	<0.0002	<0.0002			
6/18/2010			<0.0002	<0.0002	<0.0002
7/27/2010			<0.0002	<0.0002	
7/28/2010	<0.0002	<0.0002			<0.0002
9/7/2010	0.00012 (J)				
9/8/2010		<0.0002			
9/9/2010			<0.0002	0.00017 (J)	<0.0002
4/28/2011		<0.0002			
4/29/2011	<0.0002		<0.0002		
4/30/2011				<0.0002	<0.0002
10/28/2011	<0.0002		<0.0002		
10/29/2011		<0.0002		<0.0002	7E-05 (J)
5/3/2012	<0.0002	<0.0002			
5/4/2012			<0.0002	<0.0002	<0.0002
11/9/2012	<0.0002				
11/10/2012		<0.0002	<0.0002	<0.0002	<0.0002
5/9/2013			0.00016 (J)	0.00014 (J)	<0.0002
5/10/2013	0.00014 (J)	0.00012			
11/6/2013	0.00014 (J)	<0.0002	<0.0002		
11/7/2013				0.00011 (J)	0.00016 (J)
5/21/2014				<0.0002	<0.0002
5/22/2014	<0.0002	<0.0002	<0.0002		
11/9/2014	<0.0002	<0.0002	<0.0002	<0.0002	
11/12/2014					<0.0002
5/22/2015	<0.0002	<0.0002			
5/24/2015			<0.0002	<0.0002	<0.0002
11/10/2015	<0.0002				
11/11/2015		<0.0002	<0.0002	<0.0002	<0.0002
4/12/2016	<0.0002	<0.0002		<0.0002	
4/13/2016					<0.0002
4/19/2016			<0.0002		
6/20/2016	<0.0002	<0.0002		<0.0002	<0.0002
6/22/2016			<0.0002		
8/12/2016	<0.0002	<0.0002		<0.0002	
8/15/2016					<0.0002
8/16/2016			<0.0002		
10/5/2016	<0.0002				
10/6/2016		<0.0002	<0.0002	<0.0002	<0.0002
11/30/2016	<0.0002	<0.0002		<0.0002	
12/1/2016			<0.0002		<0.0002
2/8/2017	<0.0002	<0.0002			
2/9/2017			<0.0002	<0.0002	<0.0002
4/6/2017	<0.0002	<0.0002	<0.0002	<0.0002	
4/7/2017					<0.0002
6/21/2017	<0.0002		<0.0002	<0.0002	
6/22/2017		<0.0002			<0.0002
10/5/2017	<0.0002		<0.0002		
10/6/2017		<0.0002		<0.0002	<0.0002
3/21/2018	<0.0002	0.00012 (J)		0.00011 (J)	
3/22/2018			9.5E-05 (J)		9.9E-05 (J)

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Mercury (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
10/3/2018	0.000139 (JD)	0.00014 (JD)	0.0001405 (JD)	0.0001385 (JD)	
10/4/2018					0.0001445 (JD)
3/26/2019	<0.0002	<0.0002		<0.0002	
3/27/2019			<0.0002		<0.0002
9/10/2019	<0.0002	<0.0002			
9/11/2019			<0.0002	<0.0002	<0.0002
3/18/2020	<0.0002		<0.0002	<0.0002	
3/19/2020		<0.0002			0.00011 (J)
9/9/2020			<0.0002		
9/10/2020	<0.0002	<0.0002		<0.0002	<0.0002
4/1/2021			<0.0002		<0.0002
4/2/2021		<0.0002			
4/6/2021	<0.0002				
6/2/2021				<0.0002	
8/11/2021				<0.0002	<0.0002
8/12/2021	<0.0002	<0.0002	<0.0002		
2/15/2022	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
8/25/2022	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
2/27/2023		<0.0002		<0.0002	<0.0002
2/28/2023	<0.0002		<0.0002		
8/8/2023		<0.0002	<0.0002	<0.0002	<0.0002
8/9/2023	<0.0002				
2/29/2024		<0.0002	<0.0002	<0.0002	<0.0002
3/4/2024	<0.0002				
8/6/2024			<0.0002		<0.0002
8/7/2024	<0.0002	<0.0002		<0.0002	
2/24/2025				<0.0002	<0.0002
2/25/2025	<0.0002	<0.0002	<0.0002		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Mercury (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
5/9/2010					<0.0002
5/10/2010	<0.0002	<0.0002	<0.0002	<0.0002	
6/16/2010		<0.0002	<0.0002	<0.0002	
6/18/2010					<0.0002
6/19/2010	<0.0002				
7/27/2010		<0.0002		<0.0002	<0.0002
7/28/2010	<0.0002		<0.0002		
9/8/2010	0.00011 (J)	<0.0002	8.8E-05 (J)	<0.0002	<0.0002
4/29/2011		<0.0002	<0.0002	<0.0002	<0.0002
4/30/2011	<0.0002				
10/27/2011	<0.0002	<0.0002	<0.0002	<0.0002	
10/28/2011					<0.0002
5/3/2012		<0.0002			<0.0002
5/4/2012	<0.0002		<0.0002	<0.0002	
11/10/2012				<0.0002	<0.0002
11/11/2012	<0.0002	<0.0002	<0.0002		
5/9/2013		<0.0002	<0.0002	0.00019 (J)	<0.0002
5/10/2013	0.00014 (J)				
11/5/2013			0.00011 (J)		
11/6/2013		8.8E-05 (J)		0.00014 (J)	<0.0002
11/7/2013	0.00019 (J)				
5/20/2014				<0.0002	<0.0002
5/21/2014	<0.0002	<0.0002	<0.0002		
11/12/2014		<0.0002	<0.0002	<0.0002	<0.0002
11/13/2014	<0.0002				
5/23/2015	<0.0002	<0.0002	<0.0002		<0.0002
5/24/2015				<0.0002	
11/11/2015	<0.0002				
11/12/2015		<0.0002	<0.0002	<0.0002	<0.0002
4/13/2016		<0.0002	<0.0002	<0.0002	<0.0002
4/19/2016	<0.0002				
6/21/2016			<0.0002	<0.0002	<0.0002
6/22/2016		<0.0002			
8/15/2016		<0.0002	<0.0002	<0.0002	<0.0002
10/5/2016			<0.0002	<0.0002	<0.0002
10/6/2016		<0.0002			
10/10/2016	0.00011 (J)				
12/1/2016	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
2/8/2017		<0.0002	7.6E-05 (J)	<0.0002	<0.0002
2/9/2017	<0.0002				
4/5/2017					<0.0002
4/6/2017		<0.0002	<0.0002	<0.0002	
4/7/2017	<0.0002				
6/20/2017				<0.0002	<0.0002
6/21/2017	<0.0002	<0.0002	<0.0002		
8/15/2017	<0.0002				
9/1/2017	<0.0002				
10/5/2017		<0.0002	<0.0002	<0.0002	<0.0002
10/9/2017	8.9E-05 (J)				
3/21/2018		<0.0002	<0.0002	<0.0002	<0.0002
3/22/2018	9.7E-05 (J)				
10/2/2018		0.0001405 (JD)	0.000141 (JD)	0.000142 (JD)	0.000138 (JD)

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Mercury (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
10/4/2018	<0.0002				
3/26/2019					<0.0002
3/27/2019	<0.0002	<0.0002	<0.0002	<0.0002	
9/11/2019	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
3/18/2020	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
9/9/2020	<0.0002	<0.0002	<0.0002		
9/10/2020				<0.0002	<0.0002
4/1/2021		<0.0002	<0.0002	<0.0002	<0.0002
6/1/2021	<0.0002				
8/11/2021				<0.0002	<0.0002
8/12/2021	<0.0002	<0.0002			
8/17/2021			<0.0002		
2/15/2022	<0.0002	<0.0002	<0.0002		
2/16/2022				<0.0002	<0.0002
8/25/2022	<0.0002	<0.0002	<0.0002	<0.0002	
8/26/2022					<0.0002
2/21/2023			<0.0002		
2/27/2023	<0.0002	<0.0002		<0.0002	<0.0002
8/8/2023	<0.0002	<0.0002			
8/9/2023			<0.0002	<0.0002	<0.0002
2/29/2024	<0.0002			<0.0002	<0.0002
3/1/2024		<0.0002	<0.0002		
8/6/2024	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
2/24/2025	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Mercury (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
5/9/2010	8.2E-05 (J)	9.1E-05 (J)			
5/10/2010			<0.0002		
5/11/2010				<0.0002	8.5E-05 (J)
6/16/2010			<0.0002	<0.0002	
6/17/2010					<0.0002
6/18/2010	<0.0002	<0.0002			
7/26/2010			<0.0002		
7/27/2010				<0.0002	<0.0002
7/28/2010		<0.0002			
7/29/2010	<0.0002				
9/7/2010			<0.0002	0.00011 (J)	0.0001 (J)
9/9/2010	<0.0002	<0.0002			
4/26/2011	<0.0002				
4/29/2011			<0.0002	<0.0002	<0.0002
4/30/2011		<0.0002			
10/28/2011	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
5/2/2012			<0.0002	<0.0002	
5/3/2012		<0.0002			<0.0002
5/4/2012	<0.0002				
11/9/2012			<0.0002	<0.0002	
11/10/2012		<0.0002			<0.0002
11/11/2012	<0.0002				
5/8/2013	<0.0002	<0.0002	<0.0002		
5/9/2013				<0.0002	<0.0002
11/5/2013		0.00016 (J)			
11/6/2013			<0.0002	<0.0002	<0.0002
11/7/2013	0.0001 (J)				
5/20/2014	<0.0002	<0.0002			
5/22/2014				<0.0002	<0.0002
5/23/2014			<0.0002		
11/8/2014			<0.0002	<0.0002	
11/9/2014					<0.0002
11/12/2014	<0.0002	<0.0002			
5/22/2015			<0.0002	<0.0002	<0.0002
5/24/2015	<0.0002	<0.0002			
11/10/2015			<0.0002	<0.0002	<0.0002
11/11/2015		<0.0002			
11/12/2015	<0.0002				
4/11/2016			<0.0002	<0.0002	
4/12/2016					<0.0002
4/13/2016	<0.0002	<0.0002			
6/16/2016			<0.0002	<0.0002	<0.0002
6/21/2016	<0.0002	<0.0002			
8/11/2016			9.8E-05 (J)	9.5E-05 (J)	0.00012 (J)
8/15/2016	<0.0002	<0.0002			
10/4/2016		<0.0002			
10/5/2016			<0.0002	<0.0002	<0.0002
10/7/2016	0.00011 (J)				
11/29/2016			<0.0002	<0.0002	
11/30/2016					<0.0002
12/1/2016	<0.0002	<0.0002			
2/7/2017		<0.0002			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Mercury (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
2/8/2017			8.9E-05 (J)	7.6E-05 (J)	7.5E-05 (J)
2/9/2017	<0.0002				
4/5/2017				<0.0002	
4/6/2017	<0.0002	<0.0002	<0.0002		<0.0002
6/20/2017		<0.0002			
6/21/2017			<0.0002	<0.0002	<0.0002
6/22/2017	<0.0002				
10/5/2017		<0.0002	<0.0002	<0.0002	<0.0002
10/6/2017	<0.0002				
3/20/2018		<0.0002	<0.0002	0.0002	
3/21/2018					<0.0002
3/22/2018	0.00012 (J)				
10/2/2018		0.000143 (JD)	0.0001385 (JD)	0.0001405 (JD)	
10/3/2018	0.0001425 (JD)				0.0001415 (JD)
3/26/2019	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
9/11/2019	<0.0002	<0.0002	<0.0002		
9/12/2019				<0.0002	<0.0002
3/18/2020	<0.0002	<0.0002	<0.0002		
3/19/2020				<0.0002	<0.0002
9/9/2020		<0.0002	<0.0002	<0.0002	
9/10/2020	<0.0002				<0.0002
4/1/2021		<0.0002	<0.0002		
4/6/2021	<0.0002				
6/1/2021				<0.0002	<0.0002
8/11/2021	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
2/16/2022	<0.0002	<0.0002	<0.0002	<0.0002	0.00015 (J)
8/25/2022			<0.0002	<0.0002	<0.0002
8/26/2022	<0.0002	<0.0002			
2/27/2023	<0.0002	<0.0002			
2/28/2023			<0.0002	<0.0002	<0.0002
8/8/2023				<0.0002	<0.0002
8/9/2023	<0.0002	<0.0002	<0.0002		
2/29/2024			<0.0002	<0.0002	
3/1/2024	<0.0002	<0.0002			<0.0002
8/6/2024	<0.0002		<0.0002	<0.0002	<0.0002
8/8/2024		<0.0002			
2/24/2025	<0.0002				
2/25/2025		<0.0002	<0.0002	<0.0002	<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Nickel (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
5/8/2010			<0.001		
5/9/2010	<0.001	<0.001			
5/11/2010				<0.0025	0.0033 (JO)
6/16/2010		<0.001	<0.001		
6/17/2010				<0.0025	
6/18/2010	<0.001				
6/19/2010					<0.0025
7/26/2010			<0.001		
7/27/2010		<0.001		<0.0025	<0.0025
7/28/2010	<0.001				
9/7/2010		<0.001	<0.001		
9/9/2010	<0.001			<0.0025	<0.0025
4/28/2011				0.0086 (O)	<0.0025
4/29/2011		<0.001	<0.001		
4/30/2011	<0.001				
10/28/2011	<0.001	<0.001	<0.001		<0.0025
10/29/2011				<0.0025	
5/2/2012	<0.001	<0.001	<0.001		
5/3/2012				<0.0025	<0.0025
11/9/2012	<0.001	<0.001	<0.001	<0.0025	<0.0025
5/8/2013	<0.001	<0.001	<0.001		
5/9/2013				<0.0025	<0.0025
11/5/2013	<0.001			<0.0025	<0.0025
11/6/2013		<0.001	<0.001		
5/20/2014	<0.001	<0.001	<0.001		
5/22/2014					<0.0025
5/23/2014				<0.0025	
11/8/2014		<0.001	<0.001		
11/12/2014	<0.001				
11/13/2014				<0.0025	<0.0025
5/22/2015	<0.001	<0.001	<0.001		
5/23/2015				<0.0025	
5/24/2015					<0.0025
11/9/2015		<0.001	<0.001		
11/11/2015	<0.001			<0.0025	<0.0025
4/6/2016	0.00202 (J)	<0.001	<0.001		
4/12/2016				<0.0025	0.00206 (J)
10/4/2016	<0.001	<0.001		<0.0025	0.0023 (J)
10/5/2016			<0.001		
4/4/2017	<0.001	<0.001	<0.001		
4/5/2017				<0.0025	
4/6/2017					<0.0025
10/4/2017	<0.001			<0.0025	0.0021 (J)
10/5/2017		<0.001	<0.001		
3/20/2018	<0.001	0.04 (O)	<0.001	<0.0025	<0.0025
10/2/2018	<0.001	<0.001	<0.001	<0.0025	<0.0025
3/26/2019	<0.001	<0.001	<0.001	<0.0025	<0.0025
9/10/2019	0.00081 (J)	0.00037 (J)	0.0012	0.00065 (J)	0.0022
3/18/2020	0.00043 (J)	<0.001	<0.001	0.00056 (J)	0.0016
9/9/2020	0.00069 (J)	<0.001	0.00048 (J)	0.00047 (J)	0.0016
4/1/2021	0.00049 (J)	<0.001	0.0004 (J)	0.00073 (J)	0.0022
8/11/2021	0.00051 (J)	<0.001	<0.001		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Nickel (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
8/12/2021					0.0028
8/18/2021				0.0017	
2/15/2022	0.00065 (J)	<0.001	<0.001	0.00052 (J)	0.0018
8/24/2022			0.00082 (J)	0.00086 (J)	
8/25/2022	0.001	<0.001			
8/26/2022					0.002
2/27/2023				0.0013	0.0038
2/28/2023	0.00057 (J)	<0.001	<0.001		
8/3/2023	0.00099 (J)	<0.001	<0.001		
8/9/2023				0.0071	0.0017
10/4/2023				0.00085 (J)	
2/28/2024		<0.001	<0.001		
3/1/2024				0.00096 (J)	0.0018
3/4/2024	<0.001				
8/6/2024	0.00085 (J)	<0.001	<0.001	0.00059 (J)	0.0029
11/7/2024					0.002
2/25/2025	0.00072 (J)	<0.001		0.00054 (J)	0.0016
2/26/2025			<0.001		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Nickel (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
5/10/2010					<0.001
5/11/2010	<0.0025	<0.0025	<0.001	0.0034 (J)	
6/17/2010	<0.0025	<0.0025			
6/18/2010			<0.001	0.0046 (J)	<0.001
7/27/2010			<0.001	<0.0025	
7/28/2010	0.019 (O)	<0.0025			<0.001
9/7/2010	0.0093 (O)				
9/8/2010		<0.0025			
9/9/2010			<0.001	<0.0025	<0.001
4/28/2011		<0.0025			
4/29/2011	<0.0025		<0.001		
4/30/2011				<0.0025	<0.001
10/28/2011	<0.0025		<0.001		
10/29/2011		<0.0025		<0.0025	<0.001
5/3/2012	<0.0025	<0.0025			
5/4/2012			<0.001	<0.0025	<0.001
11/9/2012	0.0035 (J)				
11/10/2012		<0.0025	<0.001	0.0053	<0.001
5/9/2013			<0.001	<0.0025	<0.001
5/10/2013	0.0081 (O)	<0.0025			
11/6/2013	<0.0025	<0.0025	<0.001		
11/7/2013				<0.0025	<0.001
5/21/2014				<0.0025	<0.001
5/22/2014	<0.0025	<0.0025	<0.001		
11/9/2014	<0.0025	<0.0025	<0.001	<0.0025	
11/12/2014					<0.001
5/22/2015	<0.0025	<0.0025			
5/24/2015			0.006 (O)	0.0047 (J)	0.0044 (J)
11/10/2015	<0.0025				
11/11/2015		<0.0025	<0.001	<0.0025	<0.001
4/12/2016	<0.0025	<0.0025		<0.0025	
4/13/2016					<0.001
4/19/2016			0.00268 (J)		
10/5/2016	<0.0025				
10/6/2016		0.0021 (J)	<0.001	<0.0025	<0.001
4/6/2017	<0.0025	<0.0025	0.0018 (J)	<0.0025	
4/7/2017					<0.001
10/5/2017	<0.0025		<0.001		
10/6/2017		<0.0025		<0.0025	<0.001
3/21/2018	0.0022 (J)	<0.0025		<0.0025	
3/22/2018			0.0019 (J)		<0.001
10/3/2018	0.0018 (J)	<0.0025	<0.001	<0.0025	
10/4/2018					<0.001
3/26/2019	<0.0025	0.0036		<0.0025	
3/27/2019			<0.001		<0.001
9/10/2019	0.0016	0.00079 (J)			
9/11/2019			0.0007 (J)	0.00099 (J)	0.00046 (J)
3/18/2020	0.00091 (J)		0.00068 (J)	0.00062 (J)	
3/19/2020		0.00073 (J)			<0.001
9/9/2020			0.00039 (J)		
9/10/2020	0.0014	0.0013		0.0009 (J)	0.0007 (J)
4/1/2021			0.00042 (J)		0.00036 (J)

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Nickel (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
4/2/2021		0.0012			
4/5/2021				0.00088 (J)	
4/6/2021	0.0018				
8/11/2021				0.00074 (J)	<0.001
8/12/2021	0.0029	0.00076 (J)	0.00061 (J)		
2/15/2022	0.0013	0.00076 (J)	0.001	0.00089 (J)	<0.001
8/25/2022	0.0024	0.0015	0.00071 (J)	0.0013	0.0015
2/27/2023		0.0012		0.0008 (J)	0.01 (o)
2/28/2023	0.0011		<0.001		
5/2/2023					<0.001
8/8/2023		0.001	<0.001	0.00075 (J)	<0.001
8/9/2023	0.00078 (J)				
2/29/2024		0.0015	0.00049 (J)	0.00098 (J)	<0.001
3/4/2024	0.0014				
8/6/2024			0.00046 (J)		<0.001
8/7/2024	0.0016	0.0013		0.00083 (J)	
2/24/2025				0.00064 (J)	<0.001
2/25/2025	0.0016	0.0019	<0.001		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Nickel (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
5/9/2010					<0.001
5/10/2010	<0.0025	<0.001	<0.0025	<0.0025	
6/16/2010		<0.001	<0.0025	<0.0025	
6/18/2010					<0.001
6/19/2010	<0.0025				
7/27/2010		<0.001		<0.0025	<0.001
7/28/2010	<0.0025		<0.0025		
9/8/2010	<0.0025	<0.001	<0.0025	<0.0025	<0.001
4/29/2011		<0.001	<0.0025	<0.0025	<0.001
4/30/2011	0.008				
10/27/2011	0.0044 (J)	<0.001	<0.0025	<0.0025	
10/28/2011					<0.001
5/3/2012		<0.001			<0.001
5/4/2012	0.0032 (J)		<0.0025	<0.0025	
11/10/2012				<0.0025	<0.001
11/11/2012	0.0069	<0.001	<0.0025		
5/9/2013		<0.001	<0.0025	<0.0025	<0.001
5/10/2013	0.0093				
11/5/2013			<0.0025		
11/6/2013		<0.001		<0.0025	<0.001
11/7/2013	0.0033 (J)				
5/20/2014				<0.0025	<0.001
5/21/2014	<0.0025	<0.001	<0.0025		
11/12/2014		<0.001	<0.0025	<0.0025	<0.001
11/13/2014	0.0049 (J)				
5/23/2015	0.003 (J)	<0.001	<0.0025		<0.001
5/24/2015				<0.0025	
11/11/2015	<0.0025				
11/12/2015		<0.001	<0.0025	<0.0025	<0.001
4/13/2016		<0.001	0.00271 (J)	<0.0025	<0.001
4/19/2016	0.00247 (J)				
10/5/2016			<0.0025	<0.0025	<0.001
10/6/2016		<0.001			
10/10/2016	<0.0025				
4/5/2017					<0.001
4/6/2017		<0.001	<0.0025	<0.0025	
4/7/2017	0.0022 (J)				
10/5/2017		<0.001	<0.0025	<0.0025	<0.001
10/9/2017	<0.0025				
3/21/2018		<0.001	<0.0025	<0.0025	<0.001
3/22/2018	<0.0025				
10/2/2018		<0.001	0.0018 (J)	<0.0025	<0.001
10/4/2018	<0.0025				
3/26/2019					<0.001
3/27/2019	<0.0025	<0.001	<0.0025	<0.0025	
9/11/2019	0.0013	0.00063 (J)	0.0016	0.00066 (J)	0.00084 (J)
3/18/2020	0.0044	<0.001	0.0016	0.0005 (J)	0.0006 (J)
9/9/2020	0.0036	0.00046 (J)	0.0021		
9/10/2020				0.0012	0.00088 (J)
4/1/2021		0.00058 (J)	0.0012	0.00065 (J)	0.00065 (J)
4/5/2021	0.0058				
8/11/2021				0.0006 (J)	0.0008 (J)

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Nickel (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
8/12/2021	0.0035	0.00045 (J)			
8/17/2021			0.0094 (o)		
10/18/2021			0.002		
2/15/2022	0.0055	<0.001	0.0022		
2/16/2022				0.0007 (J)	0.00076 (J)
8/25/2022	0.0053	0.0042 (o)	0.003	0.00081 (J)	
8/26/2022					0.00096 (J)
12/28/2022		0.00068 (J)	0.0017		
2/21/2023			0.0031		
2/27/2023	0.007	0.00091 (J)		0.00085 (J)	0.0011
5/2/2023	0.0062				
8/8/2023	0.0087	0.00066 (J)			
8/9/2023			0.0026	0.00068 (J)	0.00094 (J)
10/4/2023	0.0052				
2/29/2024	0.0055			0.00099 (J)	0.00092 (J)
3/1/2024		0.00086 (J)	0.0048		
5/20/2024			0.0016		
8/6/2024	0.0046	0.00042 (J)	0.0025	0.00086 (J)	0.0009 (J)
2/24/2025	0.0046	<0.001	0.0011	0.00053 (J)	<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Nickel (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
5/9/2010	<0.001	<0.001			
5/10/2010			<0.001		
5/11/2010				<0.001	<0.001
6/16/2010			<0.001	<0.001	
6/17/2010					<0.001
6/18/2010	<0.001	<0.001			
7/26/2010			<0.001		
7/27/2010				<0.001	<0.001
7/28/2010		<0.001			
7/29/2010	<0.001				
9/7/2010			<0.001	<0.001	<0.001
9/9/2010	<0.001	<0.001			
4/26/2011	<0.001				
4/29/2011			<0.001	<0.001	<0.001
4/30/2011		<0.001			
10/28/2011	<0.001	<0.001	<0.001	<0.001	0.003 (J)
5/2/2012			<0.001	<0.001	
5/3/2012		<0.001			<0.001
5/4/2012	<0.001				
11/9/2012			<0.001	<0.001	
11/10/2012		<0.001			<0.001
11/11/2012	<0.001				
5/8/2013	<0.001	<0.001	<0.001		
5/9/2013				<0.001	<0.001
11/5/2013		<0.001			
11/6/2013			<0.001	<0.001	<0.001
11/7/2013	<0.001				
5/20/2014	<0.001	<0.001			
5/22/2014				<0.001	<0.001
5/23/2014			<0.001		
11/8/2014			<0.001	<0.001	
11/9/2014					<0.001
11/12/2014	<0.001	<0.001			
5/22/2015			0.0045 (JO)	0.01 (O)	0.0063 (O)
5/24/2015	<0.001	<0.001			
11/10/2015			<0.001	<0.001	<0.001
11/11/2015		<0.001			
11/12/2015	<0.001				
4/11/2016			<0.001	<0.001	
4/12/2016					<0.001
4/13/2016	<0.001	<0.001			
10/4/2016		<0.001			
10/5/2016			<0.001	<0.001	<0.001
10/7/2016	<0.001				
4/5/2017				<0.001	
4/6/2017	<0.001	<0.001	<0.001		0.002 (J)
10/5/2017		<0.001	<0.001	<0.001	<0.001
10/6/2017	<0.001				
3/20/2018		<0.001	<0.001	<0.001	
3/21/2018					<0.001
3/22/2018	<0.001				
10/2/2018		<0.001	<0.001	<0.001	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Nickel (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
10/3/2018	<0.001				<0.001
3/26/2019	<0.001	<0.001	<0.001	<0.001	<0.001
9/11/2019	0.00039 (J)	<0.001	0.00048 (J)		
9/12/2019				0.0015	0.00097 (J)
3/18/2020	0.00061 (J)	<0.001	0.00034 (J)		
3/19/2020				0.00047 (J)	0.00098 (J)
9/9/2020		<0.001	0.00064 (J)	0.00039 (J)	
9/10/2020	0.00044 (J)				0.00098 (J)
4/1/2021		<0.001	<0.001		
4/5/2021				0.00047 (J)	0.00048 (J)
4/6/2021	0.00053 (J)				
8/11/2021	<0.001	<0.001	<0.001	<0.001	0.00056 (J)
2/16/2022	<0.001	<0.001	<0.001	<0.001	0.00055 (J)
8/25/2022			<0.001	0.0017	0.00074 (J)
8/26/2022	<0.001	<0.001			
2/27/2023	<0.001	<0.001			
2/28/2023			<0.001	0.0016	<0.001
8/8/2023				0.00051 (J)	0.00067 (J)
8/9/2023	0.00043 (J)	<0.001	<0.001		
2/29/2024			<0.001	0.00067 (J)	
3/1/2024	0.00059 (J)	0.0081 (o)			0.00059 (J)
5/7/2024		<0.001			
8/6/2024	0.00046 (J)		<0.001	0.00053 (J)	<0.001
8/8/2024		<0.001			
2/24/2025	<0.001				
2/25/2025		<0.001	<0.001	0.0012	0.00061 (J)

Time Series

Constituent: pH, Field (SU) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
5/8/2010			5.2		
5/9/2010	4.81	5.94			
5/11/2010				6.09	5.89
6/16/2010		6.4	5.93		
6/17/2010				6.19	
6/18/2010	5.6				
6/19/2010					6.14
7/26/2010			6.03		
7/27/2010		6.53		6.41	6.42
7/28/2010	5.92				
9/7/2010		6.06	6.23		
9/9/2010	4.89			6.19	5.79
4/28/2011				6.46	6.74
4/29/2011		6.18	5.68		
4/30/2011	5.27				
10/28/2011	5.45	6.63	5.89		6.62
10/29/2011				6.49	
5/2/2012	5.8	6.25	5.74		
5/3/2012				6.66	6.53
11/9/2012	5.3	6.31	5.75	6.45	6.42
5/8/2013	5.76	6.34	5.53		
5/9/2013				6.58	6.97
11/5/2013	5.08			6.42	6.66
11/6/2013		6.6	5.92		
5/20/2014	5.26 (D)	6.16 (D)	5.635 (D)		
5/22/2014					6.515 (D)
5/23/2014				6.345 (D)	
11/8/2014		6.52	6.04		
11/12/2014	5.7				
11/13/2014				6.67	6.94
5/22/2015	5.52	6.3	5.87		
5/23/2015				6.53	
5/24/2015					7
11/9/2015		5.63	5.97		
11/11/2015	5.63	6.36		6.71	6.55
4/6/2016	5.5	6.46	5.96		
4/12/2016				6.53	6.52
6/15/2016	5.52	6.39	5.96		
6/16/2016				6.49	6.38
8/10/2016	5.5	6.39	5.94		
8/11/2016				6.5	6.38
10/4/2016	5.56	6.4		6.5	6.39
10/5/2016			5.86		
11/29/2016		6.36	5.82		
11/30/2016	5.46			6.48	6.38
2/7/2017	5.28	6.45	6.15	6.38	6.43
4/1/2017	5.48				
4/4/2017	5.48	6.37	6		
4/5/2017				6.36	
4/6/2017					6.23
6/20/2017	5.44	6.4	6.34	6.45	6.36
10/4/2017	5.44			6.5	6.35

Time Series

Constituent: pH, Field (SU) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
10/5/2017		6.42	5.93		
3/20/2018	5.48	6.36	5.97	6.63	6.52
10/2/2018	5.49	6.38	6.03	6.57	6.51
3/26/2019	5.41	6.42	6.12	6.54	6.44
9/10/2019	5.41		6.31	6.51	6.39
3/18/2020	5.42	6.29	6.03	6.53	6.41
9/9/2020	5.71	6.33	6.05	6.57	6.44
4/1/2021	5.31	6.44	6.14	6.52	7.32 (O)
8/11/2021	5.5	6.35	6.14		
8/12/2021					6.41
8/18/2021				6.59	
10/18/2021				6.36	
2/15/2022	5.4	6.46	6.2	6.83	6.61
5/12/2022				6.55	
8/24/2022			6.22	6.42	
8/25/2022	5.4	6.42			
8/26/2022					6.37
2/27/2023				6.56	6.41
2/28/2023	5.4	6.45	6.19		
8/3/2023	5.48	6.24	6.22		
8/9/2023				6.57	6.6
10/4/2023				6.56	
2/28/2024		6.49	6.41		
3/1/2024				6.71	6.5
3/4/2024	5.24				
8/6/2024	5.48	6.35	6.21	6.61	6.7
11/7/2024					6.45
2/25/2025	5.43	6.76		6.77	6.49
2/26/2025			6.65		

Time Series

Constituent: pH, Field (SU) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
5/10/2010					5.95
5/11/2010	5.45	5.79	5.43	5.52	
6/17/2010	6.08	6.45			
6/18/2010			6.12	6.35	6.52
7/27/2010			6.28	6.48	
7/28/2010	6.18	6.53			6.58
9/7/2010	5.37				
9/8/2010		5.69			
9/9/2010			5.68	5.5	5.81
4/28/2011		6.17			
4/29/2011	5.82		5.89		
4/30/2011				6.09	6.25
10/28/2011	5.93		6.19		
10/29/2011		6.36		6.41	6.52
5/3/2012	5.91	6.26			
5/4/2012			6.17	6.2	6.34
11/9/2012	5.93				
11/10/2012		6.27	6.08	6.17	6.31
5/9/2013			5.99	6.13	6.2
5/10/2013	6.16	6.43			
11/6/2013	6.03	6.37	5.78		
11/7/2013				6.06	6.21
5/21/2014				6.045 (D)	6.18 (D)
5/22/2014	5.825 (D)	6.19 (D)	5.86 (D)		
11/9/2014	6.1	6.45	6.14	6.36	
5/22/2015	5.92	6.26			
5/24/2015			5.7	6.17	6.32
11/10/2015	6.02				
11/11/2015		6.3	5.78	6.19	6.35
11/16/2015	6.02				
4/12/2016	5.97	6.44		6.22	
4/13/2016					6.42
4/19/2016			5.55		
6/20/2016	5.93	6.33		6.2	6.4
6/22/2016			5.6		
8/12/2016	5.86	6.29		6.17	
8/15/2016					6.31
8/16/2016	5.86	6.3	5.7		
10/5/2016	5.1 (O)				
10/6/2016		6.21	5.64	6.14	6.27
11/30/2016	5.88	6.26		6.14	
12/1/2016			5.62		6.28
2/8/2017	5.89	6.35			
2/9/2017			5.64	6.18	6.32
4/6/2017	5.84	6.29	5.66	6.17	
4/7/2017					6.28
6/21/2017	5.91		5.68	6.17	
6/22/2017		6.31			6.29
10/5/2017	5.93		5.64		
10/6/2017		5.9		6.19	5.96
3/21/2018	5.96	6.23		6.21	
3/22/2018			5.9		6.34

Time Series

Constituent: pH, Field (SU) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
10/3/2018	5.97	6.25	5.74	6.22	
10/4/2018					6.36
3/26/2019	6.02	6.34		6.25	
3/27/2019			5.78		6.38
9/10/2019	5.99	6.31			
9/11/2019			5.82	6.23	6.35
3/18/2020	5.9		5.81	6.19	
3/19/2020		6.32			6.41
9/9/2020			6.08		
9/10/2020	6.24	6.46		6.43	6.32
4/1/2021			6.01		6.4
4/2/2021		6.35			
4/5/2021				6.36	
4/6/2021	6.01				
6/2/2021				6.09	
8/11/2021				6.14	6.26
8/12/2021	6.12	6.3	5.87		
2/15/2022	5.87	6.37	6.16	6.1	6.22
5/12/2022		6.19	5.99		
8/25/2022	5.99	6.19	5.96	6.13	6.31
12/28/2022		6.2			
2/27/2023		6.17		6.16	6.35
2/28/2023	6		6		
5/2/2023	6.27	6.13			6.38
8/8/2023		6.3	6.16	6.37	6.48
8/9/2023	6.07				
10/4/2023	6.03				
2/29/2024		6.31	6.25	6.37	6.57
3/4/2024	6.11				
5/7/2024					6.3
5/20/2024	5.9	6.08		6.16	
8/6/2024			6		6.25
8/7/2024	5.84	6.12		6.19	
11/6/2024		6.15		6.4	6.51
11/7/2024	6				
2/24/2025				6.5	6.67
2/25/2025	5.93	6.17	6.16		
4/22/2025		6.18 (R)		6.23 (R)	
4/23/2025	5.88 (R)				

Time Series

Constituent: pH, Field (SU) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
5/9/2010					4.25
5/10/2010	6.93	5.99	5.97	5.58	
6/16/2010		5.97	5.82	5.78	
6/18/2010					5.37
6/19/2010	7.08				
7/27/2010		6.69		6.38	5.45
7/28/2010	7.05		6.47		
9/8/2010	5.93	6.15	6.08	5.64	5.58
4/29/2011		6.31	6.3	6.14	4.86
4/30/2011	7.11				
10/27/2011	7.08	6.72	6.47	6.19	
10/28/2011					4.68
5/3/2012		6.74			5.26
5/4/2012	6.39		6.5	6.28	
11/10/2012				6	4.98
11/11/2012	6.24	6.59	6.21		
5/9/2013		6.67	6.51	6.28	5.25
5/10/2013	6.46				
11/5/2013			6.07		
11/6/2013		6.38		5.69	4.22
11/7/2013	6.59				
5/20/2014				6.09 (D)	4.83 (D)
5/21/2014	6.685 (D)	6.355 (D)	6.125 (D)		
11/12/2014		6.81	6.49	6.33	5.3
11/13/2014	6.55				
5/23/2015	6.36	6.42	6.3		5.04
5/24/2015				6.04	
11/11/2015	6.36				
11/12/2015		6.7	6.45	6.31	5.31
4/13/2016		6.59	6.42	6.17	5.22
4/19/2016	6.4				
6/21/2016			6.36	6.19	5.2
6/22/2016		6.49			
6/23/2016	6.35				
8/15/2016		6.61	6.3	6.15	5.12
8/23/2016	6.29				
10/5/2016			6.25	6.1	5.07
10/6/2016		6.55			
10/7/2016					5.07
10/10/2016	6.3 (D)				
12/1/2016	6.37 (D)	6.59	6.32	6.15	5.08
2/8/2017		6.63	6.04	5.9	4.76
2/9/2017	6.39 (D)				
2/27/2017	6.24				
4/5/2017					5.1
4/6/2017		6.58	6.35	6.13	
4/7/2017	6.93				
6/20/2017				6.12	5.13
6/21/2017	7.11	6.56	6.2		
8/15/2017	6.95				
9/1/2017	6.86				
10/5/2017		6.58	6.21	6.11	5.1

Time Series

Constituent: pH, Field (SU) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
10/9/2017	6.75				
3/21/2018		6.76	6.56	6.21	5.33
3/22/2018	7.05				
10/2/2018		6.65	6.35	6.21	5.16
10/4/2018	7.26				
3/26/2019					5.25
3/27/2019	6.69	6.7	6.53	6.22	
9/11/2019	6.72	6.63	6.32	6.17	5.1
3/18/2020	6.42	6.61	6.34	6.17	5.19
9/9/2020	6.3	6.8	6.4		
9/10/2020				6.16	5.1
4/1/2021		6.28	6.35	6.11	5.18
4/5/2021	6.35				
6/1/2021	6.28				
8/11/2021				6.21	5.2
8/12/2021	6.37	6.66			
8/17/2021			6.45		
10/18/2021			6.25		
2/15/2022	6.34	6.61	6.48		
2/16/2022				6.16	5.11
5/12/2022			6.31		
8/25/2022	6.29	6.48	6.2	6.01	
8/26/2022					5.07
12/28/2022		6.62	6.36		
2/21/2023			6.33		
2/27/2023	6.27	6.57		6.19	5.2
5/2/2023	6.23		6.3		
8/8/2023	6.38	6.63			
8/9/2023			6.3	6.24	5.1
10/4/2023	6.45				
2/29/2024	6.52			6.26	5.24
3/1/2024		6.82	6.47		
5/20/2024			6.28		
8/6/2024	6.35	6.47	6.22	6.11	5.26
11/6/2024		6.58			
2/24/2025	6.75	7.14	6.27	6.14	5.18
4/22/2025		6.56 (R)			

Time Series

Constituent: pH, Field (SU) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
5/9/2010	4.93	4.87			
5/10/2010			5.76		
5/11/2010				5.93	6.05
6/16/2010			6.38	6.58	
6/17/2010					6.77
6/18/2010	5.91	5.75			
7/26/2010			6.52		
7/27/2010				6.69	6.82
7/28/2010		5.9			
7/29/2010	6.01				
9/7/2010			5.74	5.87	5.94
9/9/2010	5.1	5.05			
4/26/2011	5.6				
4/29/2011			6.19	6.37	6.33
4/30/2011		5.38			
10/28/2011	5.87	5.59	6.39	6.52	6.73
5/2/2012			6.22	6.24	
5/3/2012		5.77			6.51
5/4/2012	5.82				
11/9/2012			6.3	6.31	
11/10/2012		5.63			6.48
11/11/2012	5.83				
5/8/2013	6.21	6.11	6.07		
5/9/2013				6.01	6.42
11/5/2013		5.23			
11/6/2013			6.45	6.6	6.73
11/7/2013	5.78				
5/20/2014	5.665 (D)	5.37 (D)			
5/22/2014				6.295 (D)	6.345 (D)
5/23/2014			6.09 (D)		
11/8/2014			6.42	6.51	
11/9/2014					6.66
11/12/2014	6.02	5.77			
5/22/2015			6.26	6.35	6.49
5/24/2015	5.81	5.53			
11/10/2015			6.29	6.41	6.53
11/11/2015		5.68			
11/12/2015	5.93				
4/11/2016			6.3	6.36	
4/12/2016					6.53
4/13/2016	5.88	5.58			
6/16/2016			6.34	6.35	6.51
6/21/2016	5.9	5.59			
8/11/2016			6.28	6.37	6.49
8/15/2016	5.86	5.56			
10/4/2016	5.85	5.66			
10/5/2016			6.27	5.78 (O)	6.46
10/7/2016	5.85				
11/29/2016			6.39	6.44	
11/30/2016					6.5
12/1/2016	5.85	5.54			
2/7/2017		5.42			

Time Series

Constituent: pH, Field (SU) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
2/8/2017			6.35	6.4	6.59
2/9/2017	5.92				
4/5/2017				6.35	
4/6/2017	5.85	5.55	6.26		6.47
6/20/2017		5.57			
6/21/2017			6.24	6.36	6.53
6/22/2017	5.9				
10/5/2017		5.55	6.31	6.41	6.51
10/6/2017	5.88				
3/20/2018		5.73	6.34	6.37	
3/21/2018					6.5
3/22/2018	5.88				
10/2/2018		5.68	6.38	6.41	
10/3/2018	5.95				6.48
3/26/2019	5.89	5.63	6.38	6.35	6.52
9/11/2019	5.89	5.59	6.37		
9/12/2019				6.39	6.57
3/18/2020	5.81	5.61	6.32		
3/19/2020				6.27	6.47
9/9/2020		5.88	6.3	6.27	
9/10/2020	5.83				6.49
4/1/2021		5.53	6.37		
4/5/2021				6.37	6.64
4/6/2021	5.95				
6/1/2021				6.18	6.39
8/11/2021	5.92	5.61	6.43	6.35	6.58
10/7/2021				6.79	
2/16/2022	5.79	5.6	6.54	6.47	6.71
5/12/2022			6.39		6.52
8/25/2022			6.45	6.36	6.62
8/26/2022	5.91	5.51			
12/28/2022				6.29	6.56
2/27/2023	5.94	5.62			
2/28/2023			6.36	6.29	6.53
8/8/2023				6.32	6.59
8/9/2023	5.95	5.58	6.41		
2/29/2024			6.51	6.33	
3/1/2024	5.9	5.55			6.73
5/7/2024		5.55			6.5
8/6/2024	5.95		6.3	6.26	6.41
8/8/2024		5.56			
2/24/2025	5.9				
2/25/2025		5.57	6.69	6.59	6.55
4/22/2025				6.21 (R)	

Time Series

Constituent: Selenium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
5/8/2010			<0.005		
5/9/2010	<0.005	<0.005			
5/11/2010				<0.005	<0.005
6/16/2010		<0.005	<0.005		
6/17/2010				<0.005	
6/18/2010	<0.005				
6/19/2010					<0.005
7/26/2010			<0.005		
7/27/2010		<0.005		<0.005	<0.005
7/28/2010	<0.005				
9/7/2010		<0.005	<0.005		
9/9/2010	<0.005			<0.005	<0.005
4/28/2011				<0.005	<0.005
4/29/2011		<0.005	<0.005		
4/30/2011	<0.005				
10/28/2011	<0.005	<0.005	<0.005		<0.005
10/29/2011				<0.005	
5/2/2012	<0.005	<0.005	<0.005		
5/3/2012				<0.005	<0.005
11/9/2012	<0.005	<0.005	<0.005	<0.005	<0.005
5/8/2013	<0.005	<0.005	0.0044 (J)		
5/9/2013				<0.005	<0.005
11/5/2013	<0.005			<0.005	<0.005
11/6/2013		<0.005	<0.005		
5/20/2014	<0.005	<0.005	<0.005		
5/22/2014					<0.005
5/23/2014				<0.005	
11/8/2014		<0.005	<0.005		
11/12/2014	<0.005				
11/13/2014				<0.005	<0.005
5/22/2015	<0.005	<0.005	<0.005		
5/23/2015				0.0053 (J)	
5/24/2015					0.0044 (J)
11/9/2015		0.0043 (J)	<0.005		
11/11/2015	<0.005			<0.005	0.0045 (J)
4/6/2016	<0.005	<0.005	<0.005		
4/12/2016				<0.005	<0.005
6/15/2016	<0.005	<0.005	<0.005		
6/16/2016				<0.005	<0.005
8/10/2016	<0.005	<0.005	<0.005		
8/11/2016				<0.005	<0.005
10/4/2016	<0.005	<0.005		0.00037 (J)	<0.005
10/5/2016			<0.005		
11/29/2016		0.00024 (J)	<0.005		
11/30/2016	<0.005			<0.005	<0.005
2/7/2017	<0.005	<0.005	<0.005	<0.005	<0.005
4/4/2017	0.00067 (J)	0.0017	<0.005		
4/5/2017				<0.005	
4/6/2017					0.0023
6/20/2017	<0.005	<0.005	<0.005	<0.005	0.00024 (J)
10/4/2017	<0.005			<0.005	<0.005
10/5/2017		<0.005	0.00027 (J)		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Selenium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
3/20/2018	<0.005	<0.005	<0.005	0.00037 (J)	0.00059 (J)
10/2/2018	<0.005	<0.005	<0.005	<0.005	<0.005
3/26/2019	<0.005	<0.005	<0.005	<0.005	<0.005
9/10/2019	<0.005	<0.005	<0.005	<0.005	<0.005
3/18/2020	<0.005	<0.005	<0.005	<0.005	<0.005
9/9/2020	<0.005	<0.005	<0.005	<0.005	<0.005
4/1/2021	<0.005	<0.005	<0.005	<0.005	<0.005
8/11/2021	<0.005	<0.005	<0.005		
8/12/2021					<0.005
8/18/2021				<0.005	
2/15/2022	<0.005	<0.005	<0.005	<0.005	<0.005
8/24/2022			<0.005	<0.005	
8/25/2022	<0.005	<0.005			
8/26/2022					<0.005
2/27/2023				<0.005	0.00075 (J)
2/28/2023	<0.005	<0.005	<0.005		
8/3/2023	<0.005	<0.005	<0.005		
8/9/2023				<0.005	<0.005
2/28/2024		<0.005	<0.005		
3/1/2024				<0.005	<0.005
3/4/2024	<0.005				
8/6/2024	<0.005	<0.005	<0.005	<0.005	<0.005
2/25/2025	<0.005	<0.005		<0.005	<0.005
2/26/2025			<0.005		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Selenium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
5/10/2010					<0.005
5/11/2010	<0.005	<0.005	<0.01	<0.005	
6/17/2010	<0.005	<0.005			
6/18/2010			<0.01	<0.005	<0.005
7/27/2010			<0.01	<0.005	
7/28/2010	<0.005	<0.005			<0.005
9/7/2010	<0.005				
9/8/2010		<0.005			
9/9/2010			<0.01	<0.005	<0.005
4/28/2011		<0.005			
4/29/2011	<0.005		<0.01		
4/30/2011				<0.005	<0.005
10/28/2011	<0.005		<0.01		
10/29/2011		<0.005		<0.005	<0.005
5/3/2012	<0.005	<0.005			
5/4/2012			<0.01	<0.005	<0.005
11/9/2012	<0.005				
11/10/2012		<0.005	<0.01	<0.005	<0.005
5/9/2013			<0.01	<0.005	<0.005
5/10/2013	<0.005	<0.005			
11/6/2013	<0.005	<0.005	<0.01		
11/7/2013				<0.005	<0.005
5/21/2014				<0.005	<0.005
5/22/2014	<0.005	<0.005	<0.01		
11/9/2014	<0.005	<0.005	<0.01	<0.005	
11/12/2014					<0.005
5/22/2015	<0.005	<0.005			
5/24/2015			0.013 (J)	<0.005	0.0053 (J)
11/10/2015	<0.005				
11/11/2015		<0.005	0.037	0.007 (J)	0.0049 (J)
4/12/2016	<0.005	<0.005		<0.005	
4/13/2016					<0.005
4/19/2016			0.0587		
6/20/2016	<0.005	<0.005		0.00032 (J)	<0.005
6/22/2016			0.0435		
8/12/2016	0.00036 (J)	<0.005		0.00035 (J)	
8/15/2016					<0.005
8/16/2016			0.029		
10/5/2016	<0.005				
10/6/2016		<0.005	0.027	0.00029 (J)	<0.005
11/30/2016	<0.005	<0.005		0.00026 (J)	
12/1/2016			0.029		<0.005
2/8/2017	<0.005	<0.005			
2/9/2017			0.031	<0.005	<0.005
4/6/2017	<0.005	<0.005	0.043	<0.005	
4/7/2017					<0.005
6/21/2017	<0.005		0.052	0.00031 (J)	
6/22/2017		<0.005			<0.005
10/5/2017	<0.005		0.038		
10/6/2017		<0.005		<0.005	<0.005
3/21/2018	<0.005	0.00029 (J)		0.00038 (J)	
3/22/2018			0.038		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Selenium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
10/3/2018	<0.005	<0.005	0.021	0.00056 (J)	
10/4/2018					<0.005
3/26/2019	<0.005	<0.005		<0.005	
3/27/2019			0.023		<0.005
9/10/2019	<0.005	<0.005			
9/11/2019			0.0079	<0.005	<0.005
3/18/2020	<0.005		0.014	<0.005	
3/19/2020		<0.005			<0.005
9/9/2020			0.0054		
9/10/2020	<0.005	<0.005		<0.005	<0.005
4/1/2021			0.0065		<0.005
4/2/2021		<0.005			
4/5/2021				<0.005	
4/6/2021	<0.005				
8/11/2021				<0.005	<0.005
8/12/2021	<0.005	<0.005	0.0088		
2/15/2022	<0.005	0.0013 (J)	0.0058	<0.005	<0.005
8/25/2022	<0.005	0.0012 (J)	0.0043 (J)	<0.005	<0.005
2/27/2023		0.0039 (J)		<0.005	<0.005
2/28/2023	<0.005		0.0033 (J)		
8/8/2023		0.0041 (J)	0.003 (J)	<0.005	<0.005
8/9/2023	<0.005				
2/29/2024		0.0042 (J)	0.0018 (J)	<0.005	<0.005
3/4/2024	<0.005				
8/6/2024			0.0029 (J)		<0.005
8/7/2024	<0.005	0.0045 (J)		<0.005	
2/24/2025				<0.005	<0.005
2/25/2025	<0.005	0.0076	0.0013 (J)		
4/22/2025		0.0091 (R)			

Time Series

Constituent: Selenium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
5/9/2010					<0.005
5/10/2010	<0.005	<0.005	<0.005	<0.005	
6/16/2010		<0.005	<0.005	<0.005	
6/18/2010					<0.005
6/19/2010	<0.005				
7/27/2010		<0.005		<0.005	<0.005
7/28/2010	<0.005		<0.005		
9/8/2010	<0.005	<0.005	<0.005	<0.005	<0.005
4/29/2011		<0.005	<0.005	<0.005	<0.005
4/30/2011	<0.005				
10/27/2011	<0.005	<0.005	<0.005	<0.005	
10/28/2011					0.004 (J)
5/3/2012		<0.005			<0.005
5/4/2012	<0.005		<0.005	<0.005	
11/10/2012				<0.005	<0.005
11/11/2012	<0.005	<0.005	<0.005		
5/9/2013		<0.005	<0.005	<0.005	<0.005
5/10/2013	<0.005				
11/5/2013			<0.005		
11/6/2013		<0.005		<0.005	<0.005
11/7/2013	<0.005				
5/20/2014				<0.005	<0.005
5/21/2014	<0.005	<0.005	<0.005		
11/12/2014		<0.005	<0.005	<0.005	<0.005
11/13/2014	<0.005				
5/23/2015	0.0045 (J)	<0.005	0.0043 (J)		<0.005
5/24/2015				0.005 (J)	
11/11/2015	0.0043 (J)				
11/12/2015		0.0065 (J)	0.0046 (J)	0.0042 (J)	<0.005
4/13/2016		<0.005	<0.005	<0.005	<0.005
4/19/2016	<0.005				
6/21/2016			<0.005	<0.005	<0.005
6/22/2016		<0.005			
8/15/2016		<0.005	<0.005	<0.005	<0.005
10/5/2016			<0.005	<0.005	<0.005
10/6/2016		<0.005			
10/10/2016	<0.005				
12/1/2016	<0.005	<0.005	<0.005	<0.005	<0.005
2/8/2017		<0.005	<0.005	<0.005	<0.005
2/9/2017	<0.005				
4/5/2017					<0.005
4/6/2017		<0.005	<0.005	0.00031 (J)	
4/7/2017	<0.005				
6/20/2017				<0.005	<0.005
6/21/2017	<0.005	<0.005	<0.005		
8/15/2017	<0.005				
9/1/2017	0.00044 (J)				
10/5/2017		<0.005	<0.005	<0.005	<0.005
10/9/2017	<0.005				
3/21/2018		0.0004 (J)	<0.005	<0.005	<0.005
3/22/2018	0.00032 (J)				
10/2/2018		<0.005	<0.005	<0.005	<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Selenium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
10/4/2018	<0.005				
3/26/2019					<0.005
3/27/2019	<0.005	<0.005	<0.005	<0.005	
9/11/2019	<0.005	<0.005	<0.005	<0.005	<0.005
3/18/2020	<0.005	<0.005	<0.005	<0.005	<0.005
9/9/2020	<0.005	<0.005	<0.005		
9/10/2020				<0.005	<0.005
4/1/2021		<0.005	<0.005	<0.005	<0.005
4/5/2021	<0.005				
8/11/2021				<0.005	<0.005
8/12/2021	<0.005	<0.005			
8/17/2021			<0.005		
2/15/2022	<0.005	<0.005	<0.005		
2/16/2022				<0.005	<0.005
8/25/2022	<0.005	<0.005	<0.005	<0.005	
8/26/2022					<0.005
2/21/2023			<0.005		
2/27/2023	<0.005	<0.005		<0.005	<0.005
8/8/2023	<0.005	<0.005			
8/9/2023			<0.005	<0.005	<0.005
2/29/2024	<0.005			<0.005	<0.005
3/1/2024		<0.005	<0.005		
8/6/2024	<0.005	<0.005	<0.005	<0.005	<0.005
2/24/2025	<0.005	<0.005	<0.005	<0.005	<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Selenium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
5/9/2010	<0.005	<0.005			
5/10/2010			<0.005		
5/11/2010				<0.005	<0.005
6/16/2010			<0.005	<0.005	
6/17/2010					<0.005
6/18/2010	<0.005	<0.005			
7/26/2010			<0.005		
7/27/2010				<0.005	<0.005
7/28/2010		<0.005			
7/29/2010	<0.005				
9/7/2010			<0.005	<0.005	<0.005
9/9/2010	<0.005	<0.005			
4/26/2011	<0.005				
4/29/2011			<0.005	<0.005	<0.005
4/30/2011		<0.005			
10/28/2011	<0.005	<0.005	<0.005	<0.005	<0.005
5/2/2012			<0.005	<0.005	
5/3/2012		<0.005			<0.005
5/4/2012	<0.005				
11/9/2012			<0.005	<0.005	
11/10/2012		<0.005			<0.005
11/11/2012	<0.005				
5/8/2013	<0.005	<0.005	<0.005		
5/9/2013				<0.005	<0.005
11/5/2013		<0.005			
11/6/2013			<0.005	<0.005	<0.005
11/7/2013	<0.005				
5/20/2014	<0.005	<0.005			
5/22/2014				<0.005	<0.005
5/23/2014			<0.005		
11/8/2014			<0.005	<0.005	
11/9/2014					<0.005
11/12/2014	<0.005	<0.005			
5/22/2015			<0.005	<0.005	<0.005
5/24/2015	<0.005	<0.005			
11/10/2015			0.0041 (J)	0.0044 (J)	<0.005
11/11/2015		0.0052 (J)			
11/12/2015	<0.005				
4/11/2016			<0.005	<0.005	
4/12/2016					<0.005
4/13/2016	<0.005	<0.005			
6/16/2016			<0.005	<0.005	<0.005
6/21/2016	<0.005	<0.005			
8/11/2016			<0.005	<0.005	<0.005
8/15/2016	<0.005	<0.005			
10/4/2016		<0.005			
10/5/2016			<0.005	<0.005	<0.005
10/7/2016	<0.005				
11/29/2016			<0.005	<0.005	
11/30/2016					<0.005
12/1/2016	<0.005	0.00025 (J)			
2/7/2017		<0.005			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Selenium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
2/8/2017			<0.005	<0.005	<0.005
2/9/2017	<0.005				
4/5/2017				<0.005	
4/6/2017	<0.005	<0.005	<0.005		<0.005
6/20/2017		<0.005			
6/21/2017			<0.005	<0.005	<0.005
6/22/2017	<0.005				
10/5/2017		<0.005	<0.005	<0.005	<0.005
10/6/2017	<0.005				
3/20/2018		<0.005	<0.005	<0.005	
3/21/2018					<0.005
3/22/2018	<0.005				
10/2/2018		<0.005	<0.005	<0.005	
10/3/2018	<0.005				<0.005
3/26/2019	<0.005	<0.005	<0.005	<0.005	<0.005
9/11/2019	<0.005	<0.005	<0.005		
9/12/2019				<0.005	<0.005
3/18/2020	<0.005	<0.005	<0.005		
3/19/2020				<0.005	<0.005
9/9/2020		<0.005	<0.005	<0.005	
9/10/2020	<0.005				<0.005
4/1/2021		<0.005	<0.005		
4/5/2021				<0.005	<0.005
4/6/2021	<0.005				
8/11/2021	<0.005	<0.005	<0.005	<0.005	<0.005
2/16/2022	<0.005	<0.005	<0.005	<0.005	<0.005
8/25/2022			<0.005	<0.005	<0.005
8/26/2022	<0.005	<0.005			
2/27/2023	<0.005	<0.005			
2/28/2023			<0.005	<0.005	<0.005
8/8/2023				<0.005	<0.005
8/9/2023	<0.005	<0.005	<0.005		
2/29/2024			<0.005	<0.005	
3/1/2024	<0.005	<0.005			<0.005
8/6/2024	<0.005		<0.005	<0.005	<0.005
8/8/2024		<0.005			
2/24/2025	<0.005				
2/25/2025		<0.005	<0.005	<0.005	<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Silver (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
5/8/2010			<0.001		
5/9/2010	<0.001	<0.001			
5/11/2010				<0.001	<0.001
6/16/2010		<0.001	<0.001		
6/17/2010				<0.001	
6/18/2010	<0.001				
6/19/2010					<0.001
7/26/2010			<0.001		
7/27/2010		<0.001		<0.001	<0.001
7/28/2010	<0.001				
9/7/2010		<0.001	<0.001		
9/9/2010	<0.001			<0.001	<0.001
4/28/2011				<0.001	<0.001
4/29/2011		<0.001	<0.001		
4/30/2011	<0.001				
10/28/2011	<0.001	<0.001	<0.001		<0.001
10/29/2011				<0.001	
5/2/2012	<0.001	<0.001	<0.001		
5/3/2012				<0.001	<0.001
11/9/2012	<0.001	<0.001	<0.001	<0.001	<0.001
5/8/2013	<0.001	<0.001	<0.001		
5/9/2013				<0.001	<0.001
11/5/2013	<0.001			<0.001	<0.001
11/6/2013		<0.001	<0.001		
5/20/2014	<0.001	<0.001	<0.001		
5/22/2014					<0.001
5/23/2014				<0.001	
11/8/2014		<0.001	<0.001		
11/12/2014	<0.001				
11/13/2014				<0.001	<0.001
5/22/2015	<0.001	<0.001	<0.001		
5/23/2015				<0.001	
5/24/2015					<0.001
11/9/2015		<0.001	<0.001		
11/11/2015	<0.001			<0.001	<0.001
4/6/2016	<0.001	<0.001	<0.001		
4/12/2016				<0.001	<0.001
10/4/2016	<0.001	<0.001		0.00012 (J)	<0.001
10/5/2016			<0.001		
4/4/2017	<0.001	<0.001	<0.001		
4/5/2017				<0.001	
4/6/2017					<0.001
10/4/2017	<0.001			<0.001	<0.001
10/5/2017		<0.001	<0.001		
3/20/2018	<0.001	<0.001	<0.001	<0.001	<0.001
10/2/2018	<0.001	<0.001	<0.001	<0.001	<0.001
3/26/2019	<0.001	<0.001	<0.001	<0.001	<0.001
9/10/2019	<0.001	<0.001	<0.001	<0.001	<0.001
3/18/2020	<0.001	<0.001	<0.001	<0.001	<0.001
9/9/2020	<0.001	<0.001	<0.001	<0.001	<0.001
4/1/2021	<0.001	<0.001	<0.001	<0.001	<0.001
8/11/2021	<0.001	<0.001	<0.001		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Silver (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
8/12/2021					<0.001
8/18/2021				<0.001	
2/15/2022	<0.001	<0.001	<0.001	<0.001	<0.001
8/24/2022			<0.001	<0.001	
8/25/2022	<0.001	<0.001			
8/26/2022					<0.001
2/27/2023				<0.001	<0.001
2/28/2023	<0.001	<0.001	<0.001		
8/3/2023	<0.001	<0.001	<0.001		
8/9/2023				<0.001	<0.001
2/28/2024		<0.001	<0.001		
3/1/2024				<0.001	<0.001
3/4/2024	<0.001				
8/6/2024	<0.001	<0.001	<0.001	<0.001	<0.001
2/25/2025	<0.001	<0.001		<0.001	<0.001
2/26/2025			<0.001		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Silver (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
5/10/2010					<0.001
5/11/2010	<0.001	<0.001	<0.001	<0.001	
6/17/2010	<0.001	<0.001			
6/18/2010			<0.001	<0.001	<0.001
7/27/2010			<0.001	<0.001	
7/28/2010	<0.001	<0.001			<0.001
9/7/2010	<0.001				
9/8/2010		<0.001			
9/9/2010			<0.001	<0.001	<0.001
4/28/2011		<0.001			
4/29/2011	<0.001		<0.001		
4/30/2011				<0.001	<0.001
10/28/2011	<0.001		<0.001		
10/29/2011		<0.001		<0.001	<0.001
5/3/2012	<0.001	<0.001			
5/4/2012			<0.001	<0.001	<0.001
11/9/2012	<0.001				
11/10/2012		<0.001	<0.001	<0.001	<0.001
5/9/2013			<0.001	<0.001	<0.001
5/10/2013	<0.001	<0.001			
11/6/2013	<0.001	<0.001	<0.001		
11/7/2013				<0.001	<0.001
5/21/2014				<0.001	<0.001
5/22/2014	<0.001	<0.001	<0.001		
11/9/2014	<0.001	<0.001	<0.001	<0.001	
11/12/2014					<0.001
5/22/2015	<0.001	<0.001			
5/24/2015			<0.001	<0.001	<0.001
11/10/2015	<0.001				
11/11/2015		<0.001	<0.001	<0.001	<0.001
4/12/2016	<0.001	<0.001		<0.001	
4/13/2016					<0.001
4/19/2016			<0.001		
10/5/2016	<0.001				
10/6/2016		<0.001	<0.001	0.00012 (J)	<0.001
4/6/2017	<0.001	<0.001	<0.001	<0.001	
4/7/2017					<0.001
10/5/2017	<0.001		<0.001		
10/6/2017		<0.001		<0.001	<0.001
3/21/2018	<0.001	<0.001		<0.001	
3/22/2018			<0.001		<0.001
10/3/2018	<0.001	<0.001	<0.001	<0.001	
10/4/2018					<0.001
3/26/2019	<0.001	<0.001		<0.001	
3/27/2019			<0.001		<0.001
9/10/2019	<0.001	<0.001			
9/11/2019			<0.001	<0.001	<0.001
3/18/2020	<0.001		<0.001	<0.001	
3/19/2020		<0.001			<0.001
9/9/2020			<0.001		
9/10/2020	<0.001	<0.001		<0.001	<0.001
4/1/2021			<0.001		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Silver (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
4/2/2021		<0.001			
4/5/2021				<0.001	
4/6/2021	<0.001				
8/11/2021				<0.001	<0.001
8/12/2021	<0.001	<0.001	<0.001		
2/15/2022	<0.001	<0.001	<0.001	<0.001	<0.001
8/25/2022	<0.001	<0.001	<0.001	<0.001	<0.001
2/27/2023		<0.001		<0.001	<0.001
2/28/2023	<0.001		<0.001		
8/8/2023		<0.001	<0.001	<0.001	<0.001
8/9/2023	<0.001				
2/29/2024		<0.001	<0.001	<0.001	<0.001
3/4/2024	<0.001				
8/6/2024			<0.001		<0.001
8/7/2024	<0.001	<0.001		<0.001	
2/24/2025				<0.001	<0.001
2/25/2025	<0.001	<0.001	<0.001		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Silver (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
5/9/2010					<0.001
5/10/2010	<0.001	<0.001	<0.001	<0.001	
6/16/2010		<0.001	<0.001	<0.001	
6/18/2010					<0.001
6/19/2010	<0.001				
7/27/2010		<0.001		<0.001	<0.001
7/28/2010	<0.001		<0.001		
9/8/2010	<0.001	<0.001	<0.001	<0.001	<0.001
4/29/2011		<0.001	<0.001	<0.001	<0.001
4/30/2011	<0.001				
10/27/2011	<0.001	<0.001	<0.001	<0.001	
10/28/2011					<0.001
5/3/2012		<0.001			<0.001
5/4/2012	<0.001		<0.001	<0.001	
11/10/2012				<0.001	<0.001
11/11/2012	<0.001	<0.001	<0.001		
5/9/2013		<0.001	<0.001	<0.001	<0.001
5/10/2013	<0.001				
11/5/2013			<0.001		
11/6/2013		<0.001		<0.001	<0.001
11/7/2013	<0.001				
5/20/2014				<0.001	<0.001
5/21/2014	<0.001	<0.001	<0.001		
11/12/2014		<0.001	<0.001	<0.001	<0.001
11/13/2014	<0.001				
5/23/2015	<0.001	<0.001	<0.001		<0.001
5/24/2015				<0.001	
11/11/2015	<0.001				
11/12/2015		<0.001	<0.001	<0.001	<0.001
4/13/2016		<0.001	<0.001	<0.001	<0.001
4/19/2016	<0.001				
10/5/2016			<0.001	<0.001	<0.001
10/6/2016		<0.001			
10/10/2016	<0.001				
4/5/2017					<0.001
4/6/2017		<0.001	<0.001	<0.001	
4/7/2017	<0.001				
10/5/2017		<0.001	<0.001	<0.001	<0.001
10/9/2017	<0.001				
3/21/2018		<0.001	<0.001	<0.001	<0.001
3/22/2018	<0.001				
10/2/2018		<0.001	<0.001	<0.001	<0.001
10/4/2018	<0.001				
3/26/2019					<0.001
3/27/2019	<0.001	<0.001	<0.001	<0.001	
9/11/2019	<0.001	<0.001	<0.001	<0.001	<0.001
3/18/2020	<0.001	<0.001	<0.001	<0.001	<0.001
9/9/2020	<0.001	<0.001	<0.001		
9/10/2020				<0.001	<0.001
4/1/2021		<0.001	<0.001	<0.001	<0.001
4/5/2021	<0.001				
8/11/2021				<0.001	<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Silver (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
8/12/2021	<0.001	<0.001			
8/17/2021			<0.001		
2/15/2022	<0.001	<0.001	<0.001		
2/16/2022				<0.001	<0.001
8/25/2022	<0.001	<0.001	<0.001	<0.001	
8/26/2022					<0.001
2/21/2023			<0.001		
2/27/2023	<0.001	<0.001		<0.001	<0.001
8/8/2023	<0.001	<0.001			
8/9/2023			<0.001	<0.001	<0.001
2/29/2024	<0.001			<0.001	<0.001
3/1/2024		<0.001	<0.001		
8/6/2024	<0.001	<0.001	<0.001	<0.001	<0.001
2/24/2025	<0.001	<0.001	<0.001	<0.001	<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Silver (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
5/9/2010	<0.001	<0.001			
5/10/2010			<0.001		
5/11/2010				<0.001	<0.001
6/16/2010			<0.001	<0.001	
6/17/2010					<0.001
6/18/2010	<0.001	<0.001			
7/26/2010			<0.001		
7/27/2010				<0.001	<0.001
7/28/2010		<0.001			
7/29/2010	<0.001				
9/7/2010			<0.001	<0.001	<0.001
9/9/2010	<0.001	<0.001			
4/26/2011	<0.001				
4/29/2011			<0.001	<0.001	<0.001
4/30/2011		<0.001			
10/28/2011	<0.001	<0.001	<0.001	<0.001	<0.001
5/2/2012			<0.001	<0.001	
5/3/2012		<0.001			<0.001
5/4/2012	<0.001				
11/9/2012			<0.001	<0.001	
11/10/2012		<0.001			<0.001
11/11/2012	<0.001				
5/8/2013	<0.001	<0.001	<0.001		
5/9/2013				<0.001	<0.001
11/5/2013		<0.001			
11/6/2013			<0.001	<0.001	<0.001
11/7/2013	<0.001				
5/20/2014	<0.001	<0.001			
5/22/2014				<0.001	<0.001
5/23/2014			<0.001		
11/8/2014			<0.001	<0.001	
11/9/2014					<0.001
11/12/2014	<0.001	<0.001			
5/22/2015			<0.001	<0.001	<0.001
5/24/2015	<0.001	<0.001			
11/10/2015			<0.001	<0.001	<0.001
11/11/2015		<0.001			
11/12/2015	<0.001				
4/11/2016			<0.001	<0.001	
4/12/2016					<0.001
4/13/2016	<0.001	<0.001			
10/4/2016		<0.001			
10/5/2016			<0.001	<0.001	<0.001
10/7/2016	<0.001				
4/5/2017				<0.001	
4/6/2017	<0.001	<0.001	<0.001		<0.001
10/5/2017		<0.001	<0.001	<0.001	<0.001
10/6/2017	0.00031 (J)				
3/20/2018		<0.001	<0.001	<0.001	
3/21/2018					<0.001
3/22/2018	<0.001				
10/2/2018		<0.001	<0.001	<0.001	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Silver (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
10/3/2018	<0.001				<0.001
3/26/2019	<0.001	<0.001	<0.001	<0.001	<0.001
9/11/2019	<0.001	<0.001	<0.001		
9/12/2019				<0.001	<0.001
3/18/2020	<0.001	<0.001	<0.001		
3/19/2020				<0.001	<0.001
9/9/2020		<0.001	<0.001	<0.001	
9/10/2020	<0.001				<0.001
4/1/2021		<0.001	<0.001		
4/5/2021				<0.001	<0.001
4/6/2021	<0.001				
8/11/2021	<0.001	<0.001	<0.001	<0.001	<0.001
2/16/2022	<0.001	<0.001	<0.001	<0.001	<0.001
8/25/2022			<0.001	<0.001	<0.001
8/26/2022	<0.001	<0.001			
2/27/2023	<0.001	<0.001			
2/28/2023			<0.001	<0.001	<0.001
8/8/2023				<0.001	<0.001
8/9/2023	<0.001	<0.001	<0.001		
2/29/2024			<0.001	<0.001	
3/1/2024	<0.001	<0.001			<0.001
8/6/2024	<0.001		<0.001	<0.001	<0.001
8/8/2024		<0.001			
2/24/2025	<0.001				
2/25/2025		<0.001	<0.001	<0.001	<0.001

Time Series

Constituent: Sulfate (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
4/6/2016	0.799 (J)	<1	<1		
4/12/2016				0.617 (J)	0.56 (J)
6/15/2016	0.32 (J)	0.22 (J)	0.18 (J)		
6/16/2016				0.72 (J)	0.69 (J)
8/10/2016	<1	<1	<1		
8/11/2016				<1	<1
10/4/2016	<1	<1		<1	<1
10/5/2016			<1		
11/29/2016		<1	<1		
11/30/2016	<1			<1	<1
2/7/2017	0.8 (J)	<1	<1	0.92 (J)	<1
4/4/2017	<1	<1	<1		
4/5/2017				1	
4/6/2017					<1
6/20/2017	<1	<1	<1	0.76 (J)	<1
10/4/2017	<1			<1	<1
10/5/2017		<1	<1		
3/20/2018	1.2	<1	<1	0.95 (J)	<1
10/2/2018	<1	<1	<1	<1	<1
3/26/2019	2.1	<1	0.58 (J)	0.53 (J)	0.99 (J)
9/10/2019	0.65 (J)	<1	0.44 (J)	0.69 (J)	0.63 (J)
3/18/2020	3.1	0.67 (J)	0.51 (J)	0.84 (J)	0.59 (J)
9/9/2020	1.6	<1	<1	0.77 (J)	0.59 (J)
4/1/2021	2.7	<1	<1	<1	1.1
8/11/2021	1.3	<1	<1		
8/12/2021					<1
8/18/2021				0.79 (J)	
2/15/2022	2.6	<1	<1	1.5	0.79 (J)
8/24/2022			<1	<1	
8/25/2022	1.9	<1			
8/26/2022					1.1
2/27/2023				1.6	1.6
2/28/2023	3.5	1.4	1.3		
8/3/2023	1.7	0.4 (J)	<1		
8/9/2023				0.46 (J)	0.51 (J)
2/28/2024		<1	<1		
3/1/2024				0.79 (J)	1.2
3/4/2024	2.8				
8/6/2024	1.3	<1	<1	<1	0.43 (J)
2/25/2025	3.6	<1		0.48 (J)	0.4 (J)
2/26/2025			<1		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Sulfate (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
4/12/2016	0.419 (J)	3.56		7.55	
4/13/2016					<1
4/19/2016			575 (O)		
6/20/2016	0.6 (J)	2.4		14	0.36 (J)
6/22/2016			470		
8/15/2016					<1
8/16/2016	<1	1.7	360	12	
10/5/2016	<1				
10/6/2016		1.2	300	13	<1
11/30/2016	1.1	1.2		14	
12/1/2016			340		<1
2/8/2017	<1	4.6			
2/9/2017			350	9.5	<1
4/6/2017	<1	4.1	380	9.7	
4/7/2017					<1
6/21/2017	<1		490	13	
6/22/2017		3.4			<1
10/5/2017	<1		380		
10/6/2017		3		7.3	<1
3/21/2018	<1	4.9		9.5	
3/22/2018			400		<1
10/3/2018	<1	2.9	270	10	
10/4/2018					<1
3/26/2019	0.47 (J)	3.2		6.3	
3/27/2019			260		0.51 (J)
9/10/2019	0.7 (J)	1.7			
9/11/2019			130	12	0.52 (J)
3/18/2020	0.6 (J)		170	5.6	
3/19/2020		4.6			0.54 (J)
9/9/2020			110		
9/10/2020	<1	1.6		9.4	<1
4/1/2021			100		<1
4/2/2021		4.6			
4/6/2021	<1				
6/2/2021				13	
8/11/2021				11	<1
8/12/2021	<1	3.5	140		
2/15/2022	0.91 (J)	20	100	13	<1
5/12/2022		33			
8/25/2022	0.99 (J)	19	100	12	<1
12/28/2022		32			
2/27/2023		56		13	1.4
2/28/2023	4.7		87		
5/2/2023	4.2				
8/8/2023		53	79	6.5	<1
8/9/2023	3.6				
10/4/2023	3.1				
2/29/2024		84	75	25	1.5
3/4/2024	10				
5/20/2024	0.64 (J)			18	
8/6/2024			73		1.4
8/7/2024	15	73		13	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Sulfate (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
11/7/2024	18				
2/24/2025				30	3.5
2/25/2025	20	150	58		
4/22/2025		180 (R)		38 (R)	
4/23/2025	18 (R)				

Time Series

Constituent: Sulfate (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
4/13/2016		8.66	0.51 (J)	<1	<1
4/19/2016	32.7				
6/21/2016			0.58 (J)	0.16 (J)	0.2 (J)
6/22/2016		6.3			
8/15/2016		8	<1	<1	<1
10/5/2016			<1	<1	<1
10/6/2016		10			
10/10/2016	33				
12/1/2016	31	15	<1	<1	<1
2/8/2017		13	1	<1	<1
2/9/2017	34				
4/5/2017					<1
4/6/2017		14	0.81 (J)	<1	
4/7/2017	37				
6/20/2017				<1	<1
6/21/2017	35	11	1.1		
8/15/2017	42				
9/1/2017	40				
10/5/2017		10	1.1	<1	<1
10/9/2017	40				
3/21/2018		12	1.1	<1	<1
3/22/2018	39				
10/2/2018		8.2	1.2	<1	<1
10/4/2018	30				
3/26/2019					0.49 (J)
3/27/2019	18	6.8	1.6	<1	
9/11/2019	32	9.6	1.8	0.63 (J)	0.5 (J)
3/18/2020	16	6.9	2.4	<1	1.3
9/9/2020	11	8.4	2.6		
9/10/2020				<1	<1
4/1/2021		9.7	2.7	<1	<1
6/1/2021	17				
8/11/2021				<1	<1
8/12/2021	27	9.7			
8/17/2021			1.2		
2/15/2022	11	7.2	3.5		
2/16/2022				<1	<1
5/12/2022			2.7		
8/25/2022	22	19	3.7	<1	
8/26/2022					0.77 (J)
2/21/2023			4.7		
2/27/2023	12	13		0.88 (J)	1.2
5/2/2023			4.3		
8/8/2023	7.8	13			
8/9/2023			2.3	<1	<1
2/29/2024	18			<1	<1
3/1/2024		17	4.7		
5/20/2024			3.9		
8/6/2024	21	22	4.4	<1	<1
11/6/2024		30			
2/24/2025	21	19	4.3	<1	<1

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Sulfate (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
4/11/2016			<1	<1	
4/12/2016					<1
4/13/2016	0.646 (J)	<1			
6/16/2016			0.19 (J)	0.23 (J)	0.32 (J)
6/21/2016	0.57 (J)	0.16 (J)			
8/11/2016			<1	<1	<1
8/15/2016	<1	<1			
10/4/2016		<1			
10/5/2016			<1	<1	<1
10/7/2016	<1				
11/29/2016			<1	<1	
11/30/2016					<1
12/1/2016	<1	<1			
2/7/2017		<1			
2/8/2017			<1	<1	<1
2/9/2017	<1				
4/5/2017				<1	
4/6/2017	<1	<1	<1		<1
6/20/2017		<1			
6/21/2017			<1	<1	<1
6/22/2017	<1				
10/5/2017		<1	<1	<1	<1
10/6/2017	<1				
3/20/2018		<1	<1	<1	
3/21/2018					<1
3/22/2018	<1				
10/2/2018		<1	<1	<1	
10/3/2018	<1				<1
3/26/2019	1.3	0.64 (J)	0.39 (J)	<1	0.45 (J)
9/11/2019	0.81 (J)	0.5 (J)	0.61 (J)		
9/12/2019				<1	<1
3/18/2020	25 (O)	<1	0.62 (J)		
3/19/2020				0.64 (J)	0.71 (J)
9/9/2020		<1	<1	1.2	
9/10/2020	1.3				<1
4/1/2021		<1	<1		
4/6/2021	0.9 (J)				
6/1/2021				1.9	1.4
8/11/2021	0.89 (J)	<1	<1	<1	<1
2/16/2022	<1	<1	<1	<1	<1
8/25/2022			<1	<1	<1
8/26/2022	1.3	0.79 (J)			
2/27/2023	1.6	1.2			
2/28/2023			1.2	1.2	1.3
8/8/2023				<1	<1
8/9/2023	1.3	<1	<1		
2/29/2024			1.8	<1	
3/1/2024	1.2	<1			0.68 (J)
8/6/2024	<1		<1	<1	<1
8/8/2024		<1			
2/24/2025	0.41 (J)				
2/25/2025		<1	<1	<1	<1

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: TDS (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
4/6/2016	38	84	61		
4/12/2016				147	93
6/15/2016	<10	139	113		
6/16/2016				150	130
8/10/2016	56	80	74		
8/11/2016				110	92
10/4/2016	48	62		140	120
10/5/2016			44		
11/29/2016		110	58		
11/30/2016	46			130	130
2/7/2017	18	70	4 (J)	130	36
4/4/2017	32	120	78		
4/5/2017				130	
4/6/2017					150
6/20/2017	38	76	50	120	92
10/4/2017	42			130	120
10/5/2017		110	64		
3/20/2018	20	110	90	110	120
10/2/2018	48	110	90	140	140
3/26/2019	45	100	82	150	130
9/10/2019	42	75	51	130	140
3/18/2020	43	93	75	130	140
9/9/2020	<10	66	64	120	110
4/1/2021	55	100	68	120	120
8/11/2021	55	100	94		
8/12/2021					130
8/18/2021				150	
2/15/2022	42	99	79	120	120
8/24/2022			110	160	
8/25/2022	86	130			
8/26/2022					180
2/27/2023				160	140
2/28/2023	50	110	94		
8/3/2023	53	110	85		
8/9/2023				140	120
2/28/2024		100	85		
3/1/2024				150	140
3/4/2024	41				
8/6/2024	53	110	86	140	130
2/25/2025	52	110		150	130
2/26/2025			81		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: TDS (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
4/12/2016	92	80		138	
4/13/2016					130
4/19/2016			1290		
6/20/2016	78	111		154	116
6/22/2016			1060		
8/15/2016					92
8/16/2016	76	100	880	140	
10/5/2016	64				
10/6/2016		110	820	150	110
11/30/2016	82	110		160	
12/1/2016			900		140
2/8/2017	92	120			
2/9/2017			940	160	120
4/6/2017	88	130	1100	140	
4/7/2017					120
6/21/2017	88		1200	150	
6/22/2017		110			100
10/5/2017	86		950		
10/6/2017		120		160	140
3/21/2018	98	160		170	
3/22/2018			1000		130
10/3/2018	60	120	620	120	
10/4/2018					110
3/26/2019	86	130		130	
3/27/2019			580		120
9/10/2019	66	93			
9/11/2019			310	120	100
3/18/2020	72		430	140	
3/19/2020		130			98
9/9/2020			270		
9/10/2020	59	130		140	120
4/1/2021			260		110
4/2/2021		150			
4/6/2021	81				
6/2/2021				140	
8/11/2021				160	130
8/12/2021	89	130	370		
2/15/2022	53	140	290	140	140
8/25/2022	110	170	290	170	150
2/27/2023		240		150	140
2/28/2023	72		240		
5/2/2023		290			
8/8/2023		220	230	110	130
8/9/2023	88				
2/29/2024		260	190	160	130
3/4/2024	99				
8/6/2024			210		130
8/7/2024	100	250		150	
2/24/2025				160	150
2/25/2025	130	350	200		
4/22/2025		470 (R)			

Time Series

Constituent: TDS (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
4/13/2016		135	103	99	<5
4/19/2016	179				
6/21/2016			214 (O)	293 (O)	110
6/22/2016		199			
8/15/2016		120	130	90	<5
10/5/2016			84	70	<5
10/6/2016		140			
10/10/2016	110 (O)				
12/1/2016	170	160	130	120	16
2/8/2017		130	130	86	12
2/9/2017	180				
4/5/2017					18
4/6/2017		140	130	130	
4/7/2017	200				
6/20/2017				86	<5
6/21/2017	190	150	120		
8/15/2017	190				
9/1/2017	160				
10/5/2017		170	140	94	28
10/9/2017	230				
3/21/2018		160	120	100	28
3/22/2018	220				
10/2/2018		34	150	120	38
10/17/2018	170				
3/26/2019					29
3/27/2019	300	140	140	100	
9/11/2019	210	130	110	94	14
3/18/2020	300	130	140	100	26
9/9/2020	360	150	160		
9/10/2020				95	13
4/1/2021		120	140	90	17
6/1/2021	340				
8/11/2021				120	18
8/12/2021	240	150			
8/17/2021			160		
2/15/2022	330	140	150		
2/16/2022				79	16
8/25/2022	270	180	170	130	
8/26/2022					29
2/21/2023			150		
2/27/2023	340	170		120	39
8/8/2023	910 (o)	150			
8/9/2023			140	98	27
10/4/2023	240				
2/29/2024	270			110	32
3/1/2024		160	150		
8/6/2024	230	170	140	100	28
2/24/2025	260	180	150	110	31

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: TDS (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
4/11/2016			89	99	
4/12/2016					104
4/13/2016	60	56			
6/16/2016			88	102	111
6/21/2016	195 (O)	68			
8/11/2016			52	38	70
8/15/2016	42	46			
10/4/2016		60			
10/5/2016			76	26	92
10/7/2016	24				
11/29/2016			72	82	
11/30/2016					92
12/1/2016	68	70			
2/7/2017		40			
2/8/2017			74	78	98
2/9/2017	56				
4/5/2017				100	
4/6/2017	68	74	84		92
6/20/2017		34			
6/21/2017			88	100	100
6/22/2017	56				
10/5/2017		98	110	100	130
10/6/2017	90				
3/20/2018		42	92	100	
3/21/2018					100
3/22/2018	76				
10/2/2018		40	100	130	
10/3/2018	22				130
3/26/2019	59	60	94	100	110
9/11/2019	33	26	77		
9/12/2019				70	84
3/18/2020	100	57	92		
3/19/2020				110	120
9/9/2020		54	77	120	
9/10/2020	60				110
4/1/2021		43	62		
4/6/2021	55				
6/1/2021				130	120
8/11/2021	75	71	98	120	110
2/16/2022	55	46	70	110	110
8/25/2022			130	150	140
8/26/2022	84	91			
2/27/2023	87	70			
2/28/2023			100	130	120
8/8/2023				130	130
8/9/2023	74	64	95		
2/29/2024			96	130	
3/1/2024	74	63			130
8/6/2024	78		95	130	120
8/8/2024		65			
2/24/2025	86				
2/25/2025		66	99	140	110

Time Series

Constituent: Thallium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
5/8/2010			<0.001		
5/9/2010	<0.001	<0.001			
5/11/2010				<0.001	<0.001
6/16/2010		<0.001	<0.001		
6/17/2010				<0.001	
6/18/2010	<0.001				
6/19/2010					<0.001
7/26/2010			<0.001		
7/27/2010		<0.001		<0.001	<0.001
7/28/2010	<0.001				
9/7/2010		<0.001	<0.001		
9/9/2010	<0.001			<0.001	<0.001
4/28/2011				<0.001	<0.001
4/29/2011		<0.001	<0.001		
4/30/2011	<0.001				
10/28/2011	<0.001	<0.001	<0.001		<0.001
10/29/2011				<0.001	
5/2/2012	<0.001	<0.001	<0.001		
5/3/2012				<0.001	<0.001
11/9/2012	<0.001	<0.001	<0.001	<0.001	<0.001
5/8/2013	<0.001	0.0003 (J)	<0.001		
5/9/2013				<0.001	<0.001
11/5/2013	<0.001			<0.001	<0.001
11/6/2013		<0.001	<0.001		
5/20/2014	<0.001	<0.001	<0.001		
5/22/2014					<0.001
5/23/2014				<0.001	
11/8/2014		<0.001	<0.001		
11/12/2014	<0.001				
11/13/2014				<0.001	<0.001
5/22/2015	<0.001	<0.001	<0.001		
5/23/2015				<0.001	
5/24/2015					<0.001
11/9/2015		<0.001	<0.001		
11/11/2015	<0.001			<0.001	<0.001
4/6/2016	<0.001	<0.001	<0.001		
4/12/2016				<0.001	<0.001
6/15/2016	<0.001	<0.001	<0.001		
6/16/2016				<0.001	<0.001
8/10/2016	<0.001	<0.001	<0.001		
8/11/2016				<0.001	<0.001
10/4/2016	<0.001	<0.001		<0.001	<0.001
10/5/2016			<0.001		
11/29/2016		<0.001	<0.001		
11/30/2016	<0.001			<0.001	<0.001
2/7/2017	<0.001	<0.001	<0.001	<0.001	<0.001
4/4/2017	<0.001	<0.001	<0.001		
4/5/2017				<0.001	
4/6/2017					<0.001
6/20/2017	<0.001	<0.001	<0.001	<0.001	<0.001
10/4/2017	<0.001			<0.001	<0.001
10/5/2017		<0.001	<0.001		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Thallium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
3/20/2018	<0.001	<0.001	<0.001	<0.001	<0.001
10/2/2018	<0.001	<0.001	<0.001	<0.001	<0.001
3/26/2019	<0.001	<0.001	<0.001	<0.001	<0.001
9/10/2019	<0.001	0.00021 (J)	0.00023 (J)	<0.001	<0.001
3/18/2020	<0.001	<0.001	<0.001	0.00049 (J)	0.00025 (J)
9/9/2020	0.00025 (J)	<0.001	<0.001	<0.001	<0.001
4/1/2021	<0.001	<0.001	<0.001	0.00027 (J)	<0.001
8/11/2021	<0.001	<0.001	<0.001		
8/12/2021					<0.001
8/18/2021				<0.001	
2/15/2022	<0.001	<0.001	<0.001	<0.001	<0.001
8/24/2022			<0.001	<0.001	
8/25/2022	<0.001	<0.001			
8/26/2022					<0.001
2/27/2023				<0.001	<0.001
2/28/2023	<0.001	<0.001	<0.001		
8/3/2023	<0.001	<0.001	<0.001		
8/9/2023				<0.001	<0.001
2/28/2024		<0.001	<0.001		
3/1/2024				<0.001	<0.001
3/4/2024	<0.001				
8/6/2024	<0.001	<0.001	<0.001	<0.001	<0.001
2/25/2025	<0.001	<0.001		<0.001	<0.001
2/26/2025			<0.001		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Thallium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
5/10/2010					<0.001
5/11/2010	<0.001	<0.001	<0.001	<0.001	
6/17/2010	<0.001	<0.001			
6/18/2010			<0.001	<0.001	<0.001
7/27/2010			<0.001	<0.001	
7/28/2010	<0.001	<0.001			<0.001
9/7/2010	<0.001				
9/8/2010		<0.001			
9/9/2010			<0.001	<0.001	<0.001
4/28/2011		<0.001			
4/29/2011	<0.001		<0.001		
4/30/2011				<0.001	<0.001
10/28/2011	<0.001		<0.001		
10/29/2011		<0.001		<0.001	0.00027 (J)
5/3/2012	<0.001	<0.001			
5/4/2012			<0.001	<0.001	<0.001
11/9/2012	<0.001				
11/10/2012		<0.001	<0.001	<0.001	<0.001
5/9/2013			<0.001	<0.001	<0.001
5/10/2013	<0.001	<0.001			
11/6/2013	<0.001	<0.001	<0.001		
11/7/2013				<0.001	0.00026 (J)
5/21/2014				<0.001	<0.001
5/22/2014	<0.001	<0.001	<0.001		
11/9/2014	<0.001	<0.001	<0.001	<0.001	
11/12/2014					<0.001
5/22/2015	<0.001	<0.001			
5/24/2015			<0.001	<0.001	<0.001
11/10/2015	<0.001				
11/11/2015		<0.001	<0.001	<0.001	<0.001
4/12/2016	<0.001	<0.001		<0.001	
4/13/2016					<0.001
4/19/2016			<0.001		
6/20/2016	<0.001	<0.001		<0.001	<0.001
6/22/2016			<0.001		
8/12/2016	<0.001	<0.001		<0.001	
8/15/2016					<0.001
8/16/2016			<0.001		
10/5/2016	<0.001				
10/6/2016		<0.001	<0.001	<0.001	<0.001
11/30/2016	<0.001	<0.001		<0.001	
12/1/2016			<0.001		<0.001
2/8/2017	<0.001	<0.001			
2/9/2017			<0.001	<0.001	<0.001
4/6/2017	<0.001	<0.001	<0.001	<0.001	
4/7/2017					<0.001
6/21/2017	<0.001		<0.001	<0.001	
6/22/2017		<0.001			<0.001
10/5/2017	<0.001		<0.001		
10/6/2017		<0.001		<0.001	<0.001
3/21/2018	<0.001	<0.001		<0.001	
3/22/2018			<0.001		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Thallium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
10/3/2018	<0.001	<0.001	<0.001	<0.001	
10/4/2018					<0.001
3/26/2019	<0.001	<0.001		<0.001	
3/27/2019			<0.001		<0.001
9/10/2019	<0.001	<0.001			
9/11/2019			<0.001	<0.001	<0.001
3/18/2020	<0.001		<0.001	<0.001	
3/19/2020		0.00036 (J)			<0.001
9/9/2020			<0.001		
9/10/2020	<0.001	<0.001		<0.001	0.00019 (J)
4/1/2021			<0.001		<0.001
4/2/2021		<0.001			
4/5/2021				0.0003 (J)	
4/6/2021	<0.001				
8/11/2021				0.0002 (J)	0.00043 (J)
8/12/2021	<0.001	<0.001	0.00037 (J)		
2/15/2022	<0.001	<0.001	<0.001	<0.001	<0.001
8/25/2022	<0.001	<0.001	<0.001	<0.001	<0.001
2/27/2023		<0.001		<0.001	<0.001
2/28/2023	<0.001		<0.001		
8/8/2023		<0.001	<0.001	<0.001	<0.001
8/9/2023	<0.001				
2/29/2024		<0.001	<0.001	<0.001	<0.001
3/4/2024	<0.001				
8/6/2024			<0.001		<0.001
8/7/2024	<0.001	<0.001		<0.001	
2/24/2025				<0.001	<0.001
2/25/2025	<0.001	<0.001	<0.001		

Time Series

Constituent: Thallium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
5/9/2010					<0.001
5/10/2010	<0.001	<0.001	<0.001	<0.001	
6/16/2010		<0.001	<0.001	<0.001	
6/18/2010					<0.001
6/19/2010	<0.001				
7/27/2010		<0.001		<0.001	<0.001
7/28/2010	<0.001		<0.001		
9/8/2010	<0.001	<0.001	<0.001	<0.001	<0.001
4/29/2011		<0.001	<0.001	<0.001	<0.001
4/30/2011	<0.001				
10/27/2011	<0.001	<0.001	<0.001	<0.001	
10/28/2011					<0.001
5/3/2012		<0.001			<0.001
5/4/2012	<0.001		<0.001	<0.001	
11/10/2012				<0.001	<0.001
11/11/2012	<0.001	<0.001	<0.001		
5/9/2013		<0.001	<0.001	<0.001	<0.001
5/10/2013	<0.001				
11/5/2013			<0.001		
11/6/2013		<0.001		<0.001	<0.001
11/7/2013	<0.001				
5/20/2014				<0.001	<0.001
5/21/2014	<0.001	<0.001	<0.001		
11/12/2014		<0.001	<0.001	<0.001	<0.001
11/13/2014	<0.001				
5/23/2015	<0.001	<0.001	<0.001		<0.001
5/24/2015				<0.001	
11/11/2015	<0.001				
11/12/2015		<0.001	<0.001	<0.001	<0.001
4/13/2016		<0.001	<0.001	<0.001	<0.001
4/19/2016	<0.001				
6/21/2016			<0.001	<0.001	<0.001
6/22/2016		<0.001			
8/15/2016		<0.001	<0.001	<0.001	<0.001
10/5/2016			<0.001	<0.001	<0.001
10/6/2016		<0.001			
10/10/2016	<0.001				
12/1/2016	<0.001	<0.001	<0.001	<0.001	<0.001
2/8/2017		<0.001	<0.001	<0.001	<0.001
2/9/2017	<0.001				
4/5/2017					<0.001
4/6/2017		<0.001	<0.001	<0.001	
4/7/2017	<0.001				
6/20/2017				<0.001	<0.001
6/21/2017	<0.001	<0.001	<0.001		
8/15/2017	<0.001				
9/1/2017	<0.001				
10/5/2017		<0.001	<0.001	<0.001	<0.001
10/9/2017	<0.001				
3/21/2018		<0.001	<0.001	<0.001	<0.001
3/22/2018	<0.001				
10/2/2018		<0.001	<0.001	<0.001	<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Thallium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
10/4/2018	<0.001				
3/26/2019					<0.001
3/27/2019	<0.001	<0.001	<0.001	<0.001	
9/11/2019	<0.001	<0.001	<0.001	<0.001	<0.001
3/18/2020	<0.001	<0.001	<0.001	<0.001	<0.001
9/9/2020	<0.001	<0.001	<0.001		
9/10/2020				<0.001	<0.001
4/1/2021		<0.001	<0.001	<0.001	<0.001
4/5/2021	0.00081 (J)				
8/11/2021				<0.001	<0.001
8/12/2021	0.00043 (J)	0.00016 (J)			
8/17/2021			<0.001		
2/15/2022	<0.001	<0.001	<0.001		
2/16/2022				<0.001	<0.001
8/25/2022	<0.001	<0.001	<0.001	<0.001	
8/26/2022					<0.001
2/21/2023			<0.001		
2/27/2023	<0.001	<0.001		<0.001	<0.001
8/8/2023	<0.001	<0.001			
8/9/2023			<0.001	<0.001	<0.001
2/29/2024	<0.001			<0.001	<0.001
3/1/2024		<0.001	<0.001		
8/6/2024	<0.001	<0.001	<0.001	<0.001	<0.001
2/24/2025	<0.001	<0.001	<0.001	<0.001	<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Thallium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
5/9/2010	<0.001	<0.001			
5/10/2010			<0.001		
5/11/2010				<0.001	<0.001
6/16/2010			<0.001	<0.001	
6/17/2010					<0.001
6/18/2010	<0.001	<0.001			
7/26/2010			<0.001		
7/27/2010				<0.001	<0.001
7/28/2010		<0.001			
7/29/2010	<0.001				
9/7/2010			<0.001	<0.001	<0.001
9/9/2010	<0.001	<0.001			
4/26/2011	<0.001				
4/29/2011			<0.001	<0.001	<0.001
4/30/2011		<0.001			
10/28/2011	<0.001	<0.001	<0.001	<0.001	<0.001
5/2/2012			<0.001	<0.001	
5/3/2012		<0.001			<0.001
5/4/2012	<0.001				
11/9/2012			<0.001	<0.001	
11/10/2012		<0.001			<0.001
11/11/2012	<0.001				
5/8/2013	<0.001	<0.001	<0.001		
5/9/2013				<0.001	<0.001
11/5/2013		<0.001			
11/6/2013			<0.001	<0.001	<0.001
11/7/2013	<0.001				
5/20/2014	<0.001	<0.001			
5/22/2014				<0.001	<0.001
5/23/2014			<0.001		
11/8/2014			<0.001	<0.001	
11/9/2014					<0.001
11/12/2014	<0.001	<0.001			
5/22/2015			<0.001	<0.001	<0.001
5/24/2015	<0.001	<0.001			
11/10/2015			<0.001	<0.001	<0.001
11/11/2015		<0.001			
11/12/2015	<0.001				
4/11/2016			<0.001	<0.001	
4/12/2016					<0.001
4/13/2016	<0.001	<0.001			
6/16/2016			<0.001	<0.001	<0.001
6/21/2016	<0.001	<0.001			
8/11/2016			<0.001	<0.001	<0.001
8/15/2016	<0.001	<0.001			
10/4/2016		<0.001			
10/5/2016			<0.001	<0.001	<0.001
10/7/2016	<0.001				
11/29/2016			<0.001	<0.001	
11/30/2016					<0.001
12/1/2016	<0.001	<0.001			
2/7/2017		<0.001			

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Thallium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
2/8/2017			<0.001	<0.001	<0.001
2/9/2017	<0.001				
4/5/2017				<0.001	
4/6/2017	<0.001	<0.001	<0.001		<0.001
6/20/2017		<0.001			
6/21/2017			<0.001	<0.001	<0.001
6/22/2017	<0.001				
10/5/2017		<0.001	<0.001	<0.001	<0.001
10/6/2017	<0.001				
3/20/2018		<0.001	<0.001	<0.001	
3/21/2018					<0.001
3/22/2018	<0.001				
10/2/2018		<0.001	<0.001	<0.001	
10/3/2018	<0.001				<0.001
3/26/2019	<0.001	<0.001	<0.001	<0.001	<0.001
9/11/2019	<0.001	<0.001	<0.001		
9/12/2019				<0.001	<0.001
3/18/2020	<0.001	<0.001	<0.001		
3/19/2020				<0.001	<0.001
9/9/2020		<0.001	<0.001	<0.001	
9/10/2020	<0.001				<0.001
4/1/2021		<0.001	<0.001		
4/5/2021				0.00032 (J)	<0.001
4/6/2021	<0.001				
8/11/2021	<0.001	<0.001	<0.001	<0.001	<0.001
2/16/2022	<0.001	<0.001	<0.001	<0.001	<0.001
8/25/2022			<0.001	<0.001	<0.001
8/26/2022	<0.001	<0.001			
2/27/2023	<0.001	<0.001			
2/28/2023			<0.001	<0.001	<0.001
8/8/2023				<0.001	<0.001
8/9/2023	<0.001	<0.001	<0.001		
2/29/2024			<0.001	<0.001	
3/1/2024	<0.001	<0.001			<0.001
8/6/2024	<0.001		<0.001	<0.001	<0.001
8/8/2024		<0.001			
2/24/2025	<0.001				
2/25/2025		<0.001	<0.001	<0.001	<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Vanadium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
5/8/2010			0.0024 (J)		
5/9/2010	<0.002	0.0049 (J)			
5/11/2010				0.012	0.0078 (J)
6/16/2010		0.0054 (J)	0.002 (J)		
6/17/2010				0.0082 (J)	
6/18/2010	<0.002				
6/19/2010					<0.01
7/26/2010			<0.01		
7/27/2010		0.0055 (J)		0.0096 (J)	0.0096 (J)
7/28/2010	<0.002				
9/7/2010		0.005 (J)	0.0026 (J)		
9/9/2010	<0.002			0.0098 (J)	0.0095 (J)
4/28/2011				0.0085 (J)	0.01
4/29/2011		0.005 (J)	0.0036 (J)		
4/30/2011	<0.002				
10/28/2011	<0.002	0.0081 (J)	<0.01		0.014
10/29/2011				0.011	
5/2/2012	<0.002	0.0059 (J)	0.003 (J)		
5/3/2012				0.013	0.013
11/9/2012	<0.002	0.0062 (J)	0.0081 (J)	0.013	0.012
5/8/2013	<0.002	0.0079 (J)	<0.01		
5/9/2013				0.012	0.012
11/5/2013	<0.002			0.015	0.014
11/6/2013		0.0068 (J)	0.0032 (J)		
5/20/2014	<0.002	0.0074 (J)	0.0036 (J)		
5/22/2014					0.013
5/23/2014				0.015	
11/8/2014		0.0097 (J)	0.0065 (J)		
11/12/2014	0.0035 (J)				
11/13/2014				0.02	0.016
5/22/2015	<0.002	0.0085 (J)	<0.01		
5/23/2015				0.018	
5/24/2015					0.014
11/9/2015		<0.01	0.0047 (J)		
11/11/2015	<0.002			0.018	0.014
4/6/2016	<0.002	0.00726 (J)	0.00424 (J)		
4/12/2016				0.0173	0.0155
10/4/2016	0.0031	0.013		0.021	0.017
10/5/2016			0.0049		
4/4/2017	<0.002	0.0046	0.0048		
4/5/2017				0.017	
4/6/2017					0.015
10/4/2017	0.0021 (J)			0.02	0.015
10/5/2017		0.0071	0.0024 (J)		
3/20/2018	<0.002	0.0067	0.0041	0.016	0.014
10/2/2018	<0.002	0.0069	0.004	0.017	0.015
3/26/2019	<0.002	0.007	0.0051	0.017	0.016
9/10/2019	0.0022	0.01	0.0091	0.02	0.018
3/18/2020	0.0011	0.0078	0.0051	0.02	0.016
9/9/2020	<0.002	0.0072	0.0053	0.018	0.014
4/1/2021	<0.002	0.0078	0.005	0.019	0.014
8/11/2021	<0.002	0.0082	0.0055		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Vanadium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
8/12/2021					0.016
8/18/2021				0.018	
2/15/2022	<0.002	0.0077	0.0052	0.018	0.016
8/24/2022			0.0051	0.017	
8/25/2022	<0.002	0.0079			
8/26/2022					0.015
2/27/2023				0.019	0.016
2/28/2023	0.0011	0.0087	0.0057		
8/3/2023	<0.002	0.0086	0.0041		
8/9/2023				0.019	0.016
2/28/2024		0.0087	0.0056		
3/1/2024				0.018	0.015
3/4/2024	0.00066 (J)				
8/6/2024	<0.002	0.0082	0.0055	0.019	0.016
2/25/2025	<0.002	0.0069		0.017	0.013
2/26/2025			0.011		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Vanadium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
5/10/2010					0.011
5/11/2010	0.0046 (J)	0.0068 (J)	0.0038 (J)	0.0055 (J)	
6/17/2010	0.0046 (J)	0.0079 (J)			
6/18/2010			0.0044 (J)	0.0071 (J)	0.017
7/27/2010			0.0054 (J)	0.0085 (J)	
7/28/2010	0.019 (O)	0.0077 (J)			0.012
9/7/2010	0.0072 (J)				
9/8/2010		0.0077 (J)			
9/9/2010			0.0053 (J)	0.0088 (J)	0.013
4/28/2011		0.0099 (J)			
4/29/2011	0.0052 (J)		0.0039 (J)		
4/30/2011				0.0094 (J)	0.012
10/28/2011	0.0059 (J)		<0.0025		
10/29/2011		0.006 (J)		0.009 (J)	0.013
5/3/2012	0.0049 (J)	0.0084 (J)			
5/4/2012			<0.0025	0.0084 (J)	0.012
11/9/2012	0.007 (J)				
11/10/2012		0.0061 (J)	0.0035 (J)	0.0089 (J)	0.012
5/9/2013			0.004 (J)	0.0071 (J)	0.013
5/10/2013	0.0094 (J)	0.009 (J)			
11/6/2013	0.0059 (J)	0.0089 (J)	0.0034 (J)		
11/7/2013				0.0094 (J)	0.014
5/21/2014				0.0082 (J)	0.013
5/22/2014	0.0057 (J)	0.0084 (J)	0.0047 (J)		
11/9/2014	0.0069 (J)	0.0076 (J)	0.0067 (J)	0.013	
11/12/2014					0.015
5/22/2015	0.006 (J)	0.011			
5/24/2015			0.0033 (J)	0.009 (J)	0.015
11/10/2015	0.011				
11/11/2015		0.0034 (J)	<0.0025	0.0052 (J)	0.0055 (J)
4/12/2016	0.00503 (J)	0.00654 (J)		0.00896 (J)	
4/13/2016					0.0127
4/19/2016			<0.0025		
10/5/2016	0.0072				
10/6/2016		0.0086	<0.0025	0.009	0.012
4/6/2017	0.0056	0.0073	0.0018 (J)	0.0089	
4/7/2017					0.013
10/5/2017	0.0061		<0.0025		
10/6/2017		0.0087		0.011	0.015
3/21/2018	0.0097	0.0058		0.0077	
3/22/2018			0.0018 (J)		0.012
10/3/2018	0.0053	0.006	0.0018 (J)	0.0081	
10/4/2018					0.012
3/26/2019	0.0076	0.011		0.012	
3/27/2019			0.002 (J)		0.013
9/10/2019	0.0078	0.0086			
9/11/2019			0.0047	0.012	0.015
3/18/2020	0.0051		0.002	0.0099	
3/19/2020		0.0065			0.014
9/9/2020			0.002		
9/10/2020	0.0061	0.0068		0.0094	0.014
4/1/2021			0.0027		0.014

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Vanadium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
4/2/2021		0.0081			
4/5/2021				0.0091	
4/6/2021	0.0075				
8/11/2021				0.0099	0.013
8/12/2021	0.0087	0.007	0.0021		
2/15/2022	0.0064	0.0059	0.0026	0.0094	0.013
8/25/2022	0.0072	0.0059	0.0026	0.011	0.014
2/27/2023		0.0056		0.0097	0.014
2/28/2023	0.0066		0.003		
8/8/2023		0.0056	0.0018 (J)	0.0094	0.012
8/9/2023	0.0057				
2/29/2024		0.0049	0.0029	0.0093	0.013
3/4/2024	0.0051				
8/6/2024			0.0023		0.013
8/7/2024	0.0054	0.0038		0.0091	
2/24/2025				0.011	0.013
2/25/2025	0.0042	0.0041	0.0023		

Time Series

Constituent: Vanadium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
5/9/2010					<0.002
5/10/2010	0.013	0.0097 (J)	0.011	0.009 (J)	
6/16/2010		0.01	0.01	0.0089 (J)	
6/18/2010					<0.002
6/19/2010	0.0075 (J)				
7/27/2010		0.012		0.0089 (J)	<0.002
7/28/2010	0.01		0.011		
9/8/2010	0.038	0.013	0.011	0.009 (J)	<0.002
4/29/2011		0.0097 (J)	0.01	0.0082 (J)	<0.002
4/30/2011	0.053 (O)				
10/27/2011	0.016	0.015	0.014	0.009 (J)	
10/28/2011					<0.002
5/3/2012		0.017			<0.002
5/4/2012	0.018		0.0096 (J)	0.0091 (J)	
11/10/2012				0.0096 (J)	<0.002
11/11/2012	0.025	0.017	0.011		
5/9/2013		0.014	0.011	0.01	<0.002
5/10/2013	0.09 (O)				
11/5/2013			0.013		
11/6/2013		0.019		0.01	<0.002
11/7/2013	0.02				
5/20/2014				0.011	<0.002
5/21/2014	0.016	0.016	0.012		
11/12/2014		0.022	0.016	0.012	0.0032 (J)
11/13/2014	0.065 (O)				
5/23/2015	0.032	0.016	0.011		<0.002
5/24/2015				0.012	
11/11/2015	0.033				
11/12/2015		0.015	0.0053 (J)	<0.01	<0.002
4/13/2016		0.0144	0.0124	0.00976 (J)	<0.002
4/19/2016	0.0233				
10/5/2016			0.013	0.013	<0.002
10/6/2016		0.02			
10/10/2016	0.019				
4/5/2017					<0.002
4/6/2017		0.016	0.013	0.011	
4/7/2017	0.0044				
10/5/2017		0.024	0.015	0.013	0.0022 (J)
10/9/2017	0.0047				
3/21/2018		0.018	0.012	0.0098	<0.002
3/22/2018	0.0043				
10/2/2018		0.021	0.012	0.01	<0.002
10/4/2018	<0.002				
3/26/2019					0.0029
3/27/2019	0.003	0.019	0.012	0.012	
9/11/2019	0.0042	0.025	0.017	0.015	0.0052
3/18/2020	0.0031	0.012	0.013	0.011	<0.002
9/9/2020	<0.002	0.022	0.012		
9/10/2020				0.01	<0.002
4/1/2021		0.0095	0.013	0.011	<0.002
4/5/2021	0.0023				
8/11/2021				0.011	<0.002

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Vanadium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
8/12/2021	<0.002	0.02			
8/17/2021			0.026		
10/18/2021			0.013		
2/15/2022	0.00079 (J)	0.017	0.012		
2/16/2022				0.0099	<0.002
8/25/2022	0.0023	0.025	0.011	0.0099	
8/26/2022					<0.002
2/21/2023			0.012		
2/27/2023	0.0019	0.018		0.012	0.0014
8/8/2023	<0.002	0.019			
8/9/2023			0.013	0.0099	<0.002
2/29/2024	<0.002			0.011	<0.002
3/1/2024		0.016	0.013		
8/6/2024	<0.002	0.02	0.01	0.0089	<0.002
2/24/2025	0.002	0.01	0.013	0.011	0.00072 (J)

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Vanadium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
5/9/2010	<0.002	<0.002			
5/10/2010			0.0052 (J)		
5/11/2010				0.0064 (J)	0.014
6/16/2010			0.0059 (J)	0.0061 (J)	
6/17/2010					0.014
6/18/2010	<0.002	<0.002			
7/26/2010			0.0052 (J)		
7/27/2010				0.006 (J)	0.016
7/28/2010		<0.002			
7/29/2010	<0.002				
9/7/2010			0.0056 (J)	0.0066 (J)	0.017
9/9/2010	<0.002	<0.002			
4/26/2011	<0.002				
4/29/2011			0.005 (J)	0.0066 (J)	0.015
4/30/2011		<0.002			
10/28/2011	<0.002	<0.002	0.0048 (J)	0.0057 (J)	0.016
5/2/2012			0.0057 (J)	0.006 (J)	
5/3/2012		<0.002			0.016
5/4/2012	<0.002				
11/9/2012			0.0057 (J)	0.0073 (J)	
11/10/2012		<0.002			0.018
11/11/2012	<0.002				
5/8/2013	0.0039 (J)	<0.002	0.0069 (J)		
5/9/2013				0.0069 (J)	0.019
11/5/2013		<0.002			
11/6/2013			0.0052 (J)	0.0077 (J)	0.019
11/7/2013	<0.002				
5/20/2014	<0.002	<0.002			
5/22/2014				0.0075 (J)	0.018
5/23/2014			0.0081 (J)		
11/8/2014			0.01	0.0081 (J)	
11/9/2014					0.02
11/12/2014	0.004 (J)	<0.002			
5/22/2015			0.0052 (J)	0.01	0.016
5/24/2015	<0.002	<0.002			
11/10/2015			<0.01	0.0033 (J)	0.01
11/11/2015		<0.002			
11/12/2015	<0.002				
4/11/2016			0.00604 (J)	0.00756 (J)	
4/12/2016					0.019
4/13/2016	<0.002	<0.002			
10/4/2016		0.0026			
10/5/2016			0.0075	0.0084	0.016
10/7/2016	<0.002				
4/5/2017				0.0086	
4/6/2017	<0.002	<0.002	0.0065		0.02
10/5/2017		0.0024 (J)	0.0052	0.0062	0.02
10/6/2017	0.0032				
3/20/2018		<0.002	0.0064	0.0072	
3/21/2018					0.021
3/22/2018	<0.002				
10/2/2018		<0.002	0.0064	0.0073	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Vanadium (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
10/3/2018	<0.002				0.017
3/26/2019	0.0041	0.0034	0.0094	0.0094	0.018
9/11/2019	0.0062	0.0062	0.011		
9/12/2019				0.0083	0.02
3/18/2020	0.001	<0.002	0.0075		
3/19/2020				0.008	0.019
9/9/2020		<0.002	0.007	0.0071	
9/10/2020	0.0011				0.018
4/1/2021		0.0013	0.0081		
4/5/2021				0.0068	0.017
4/6/2021	0.0028				
8/11/2021	0.0013	0.0012	0.008	0.0076	0.019
2/16/2022	0.0011	0.00091 (J)	0.0066	0.0068	0.018
8/25/2022			0.007	0.0068	0.018
8/26/2022	0.0016	0.0017			
2/27/2023	0.0021	0.002			
2/28/2023			0.0072	0.0078	0.019
8/8/2023				0.007	0.018
8/9/2023	0.0016 (J)	0.00079 (J)	0.0061		
2/29/2024			0.0069	0.0078	
3/1/2024	0.0011 (J)	<0.002			0.019
8/6/2024	<0.002		0.0066	0.0075	0.017
8/8/2024		<0.002			
2/24/2025	0.0022				
2/25/2025		<0.002	0.006	0.0067	0.016

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Zinc (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
5/8/2010			<0.005		
5/9/2010	<0.005	<0.005			
5/11/2010				<0.005	<0.005
6/16/2010		<0.005	<0.005		
6/17/2010				<0.005	
6/18/2010	<0.005				
6/19/2010					<0.005
7/26/2010			<0.005		
7/27/2010		<0.005		<0.005	<0.005
7/28/2010	<0.005				
9/7/2010		<0.005	<0.005		
9/9/2010	<0.005			<0.005	<0.005
4/28/2011				<0.005	<0.005
4/29/2011		<0.005	<0.005		
4/30/2011	<0.005				
10/28/2011	<0.005	<0.005	<0.005		<0.005
10/29/2011				<0.005	
5/2/2012	<0.005	<0.005	<0.005		
5/3/2012				<0.005	<0.005
11/9/2012	<0.005	<0.005	<0.005	<0.005	<0.005
5/8/2013	<0.005	<0.005	<0.005		
5/9/2013				<0.005	<0.005
11/5/2013	<0.005			<0.005	<0.005
11/6/2013		<0.005	<0.005		
5/20/2014	<0.005	<0.005	<0.005		
5/22/2014					<0.005
5/23/2014				<0.005	
11/8/2014		<0.005	<0.005		
11/12/2014	<0.005				
11/13/2014				<0.005	<0.005
5/22/2015	<0.005	<0.005	<0.005		
5/23/2015				<0.005	
5/24/2015					<0.005
11/9/2015		<0.005	<0.005		
11/11/2015	<0.005			<0.005	<0.005
4/6/2016	<0.005	<0.005	0.00274 (J)		
4/12/2016				<0.005	<0.005
10/4/2016	<0.005	<0.005		<0.005	<0.005
10/5/2016			0.0073 (J)		
4/4/2017	<0.005	<0.005	<0.005		
4/5/2017				<0.005	
4/6/2017					<0.005
10/4/2017	<0.005			<0.005	<0.005
10/5/2017		<0.005	<0.005		
3/20/2018	<0.005	<0.005	<0.005	<0.005	<0.005
10/2/2018	<0.005	<0.005	<0.005	<0.005	<0.005
3/26/2019	<0.005	<0.005	<0.005	<0.005	<0.005
9/10/2019	0.006	0.0047 (J)	0.0084	0.0038 (J)	0.004 (J)
3/18/2020	<0.005	<0.005	<0.005	<0.005	<0.005
9/9/2020	<0.005	<0.005	<0.005	<0.005	<0.005
4/1/2021	<0.005	<0.005	<0.005	<0.005	0.01
8/11/2021	<0.005	<0.005	<0.005		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Zinc (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-1	GWC-2
8/12/2021					<0.005
8/18/2021				<0.005	
2/15/2022	<0.005	<0.005	<0.005	<0.005	<0.005
8/24/2022			<0.005	0.0039 (J)	
8/25/2022	<0.005	<0.005			
8/26/2022					<0.005
2/27/2023				<0.005	<0.005
2/28/2023	<0.005	<0.005	<0.005		
8/3/2023	<0.005	0.0035 (J)	<0.005		
8/9/2023				<0.005	0.0046 (J)
2/28/2024		<0.005	<0.005		
3/1/2024				0.004 (J)	<0.005
3/4/2024	<0.005				
8/6/2024	<0.005	<0.005	<0.005	<0.005	<0.005
2/25/2025	0.0034 (J)	<0.005		<0.005	<0.005
2/26/2025			<0.005		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Zinc (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
5/10/2010					<0.005
5/11/2010	0.018 (JO)	<0.005	<0.005	<0.005	
6/17/2010	<0.005	<0.005			
6/18/2010			<0.005	<0.005	<0.005
7/27/2010			<0.005	<0.005	
7/28/2010	0.016 (JO)	<0.005			<0.005
9/7/2010	<0.005				
9/8/2010		<0.005			
9/9/2010			<0.005	<0.005	<0.005
4/28/2011		<0.005			
4/29/2011	<0.005		<0.005		
4/30/2011				<0.005	<0.005
10/28/2011	<0.005		<0.005		
10/29/2011		<0.005		<0.005	<0.005
5/3/2012	<0.005	<0.005			
5/4/2012			<0.005	<0.005	<0.005
11/9/2012	<0.005				
11/10/2012		<0.005	<0.005	<0.005	<0.005
5/9/2013			<0.005	<0.005	<0.005
5/10/2013	<0.005	<0.005			
11/6/2013	<0.005	<0.005	<0.005		
11/7/2013				<0.005	<0.005
5/21/2014				<0.005	<0.005
5/22/2014	<0.005	<0.005	<0.005		
11/9/2014	<0.005	<0.005	<0.005	<0.005	
11/12/2014					<0.005
5/22/2015	<0.005	<0.005			
5/24/2015			<0.005	<0.005	<0.005
11/10/2015	<0.005				
11/11/2015		<0.005	0.0089 (J)	<0.005	<0.005
4/12/2016	<0.005	0.00203 (J)		<0.005	
4/13/2016					<0.005
4/19/2016			0.0133 (O)		
10/5/2016	0.01 (JO)				
10/6/2016		<0.005	<0.005	<0.005	<0.005
4/6/2017	<0.005	<0.005	0.0087 (J)	<0.005	
4/7/2017					<0.005
10/5/2017	<0.005		0.0078 (J)		
10/6/2017		<0.005		<0.005	<0.005
3/21/2018	<0.005	<0.005		<0.005	
3/22/2018			0.0086 (J)		<0.005
10/3/2018	<0.005	<0.005	<0.005	<0.005	
10/4/2018					<0.005
3/26/2019	<0.005	<0.005		<0.005	
3/27/2019			<0.005		<0.005
9/10/2019	0.0069	0.006			
9/11/2019			0.0074	0.0062	0.0074
3/18/2020	<0.005		0.0045 (J)	<0.005	
3/19/2020		<0.005			<0.005
9/9/2020			<0.005		
9/10/2020	<0.005	<0.005		<0.005	<0.005
4/1/2021			<0.005		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Zinc (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-4	GWC-5	GWC-6	GWC-7
4/2/2021		<0.005			
4/5/2021				<0.005	
4/6/2021	<0.005				
8/11/2021				<0.005	<0.005
8/12/2021	0.0035 (J)	<0.005	0.0034 (J)		
2/15/2022	<0.005	<0.005	0.0034 (J)	<0.005	0.0037 (J)
8/25/2022	<0.005	<0.005	<0.005	<0.005	<0.005
2/27/2023		<0.005		<0.005	<0.005
2/28/2023	<0.005		<0.005		
8/8/2023		<0.005	<0.005	<0.005	<0.005
8/9/2023	<0.005				
2/29/2024		<0.005	<0.005	<0.005	<0.005
3/4/2024	<0.005				
8/6/2024			<0.005		<0.005
8/7/2024	0.0028 (J)	<0.005		<0.005	
2/24/2025				<0.005	<0.005
2/25/2025	<0.005	<0.005	<0.005		

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Zinc (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
5/9/2010					<0.005
5/10/2010	<0.005	<0.005	<0.005	<0.005	
6/16/2010		<0.005	<0.005	<0.005	
6/18/2010					<0.005
6/19/2010	0.0081 (J)				
7/27/2010		<0.005		<0.005	<0.005
7/28/2010	0.017 (J)		<0.005		
9/8/2010	0.085	<0.005	<0.005	<0.005	<0.005
4/29/2011		<0.005	<0.005	<0.005	<0.005
4/30/2011	0.13 (O)				
10/27/2011	0.03	<0.005	<0.005	<0.005	
10/28/2011					<0.005
5/3/2012		<0.005			<0.005
5/4/2012	0.029		<0.005	<0.005	
11/10/2012				<0.005	<0.005
11/11/2012	0.046	<0.005	<0.005		
5/9/2013		<0.005	<0.005	<0.005	<0.005
5/10/2013	0.23 (O)				
11/5/2013			<0.005		
11/6/2013		<0.005		<0.005	<0.005
11/7/2013	0.028				
5/20/2014				<0.005	<0.005
5/21/2014	0.015 (J)	<0.005	<0.005		
11/12/2014		<0.005	<0.005	<0.005	<0.005
11/13/2014	0.13 (O)				
5/23/2015	0.059	<0.005	<0.005		<0.005
5/24/2015				<0.005	
11/11/2015	0.079				
11/12/2015		<0.005	<0.005	<0.005	<0.005
4/13/2016		<0.005	<0.005	0.00241 (J)	0.00409 (J)
4/19/2016	0.0218				
10/5/2016			<0.005	<0.005	<0.005
10/6/2016		<0.005			
10/10/2016	0.013 (J)				
4/5/2017					<0.005
4/6/2017		<0.005	<0.005	<0.005	
4/7/2017	<0.005				
10/5/2017		<0.005	<0.005	<0.005	<0.005
10/9/2017	<0.005				
3/21/2018		<0.005	<0.005	0.007 (J)	<0.005
3/22/2018	<0.005				
10/2/2018		<0.005	<0.005	0.022 (O)	<0.005
10/4/2018	<0.005				
3/26/2019					<0.005
3/27/2019	<0.005	<0.005	<0.005	<0.005	
9/11/2019	0.0052	0.0037 (J)	0.004 (J)	0.0072	0.0065
3/18/2020	<0.005	<0.005	<0.005	<0.005	0.005
9/9/2020	<0.005	<0.005	<0.005		
9/10/2020				0.018	0.0037 (J)
4/1/2021		<0.005	<0.005	0.0034 (J)	<0.005
4/5/2021	<0.005				
8/11/2021				<0.005	<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Zinc (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-9	GWC-10	GWC-11	GWC-12
8/12/2021	<0.005	<0.005			
8/17/2021			0.013		
10/18/2021			<0.005		
2/15/2022	<0.005	<0.005	<0.005		
2/16/2022				0.0034 (J)	0.0032 (J)
8/25/2022	<0.005	<0.005	<0.005	<0.005	
8/26/2022					<0.005
2/21/2023			<0.005		
2/27/2023	0.016	<0.005		<0.005	<0.005
8/8/2023	<0.005	<0.005			
8/9/2023			<0.005	<0.005	<0.005
2/29/2024	<0.005			0.0036 (J)	<0.005
3/1/2024		<0.005	<0.005		
8/6/2024	<0.005	<0.005	<0.005	0.0033 (J)	0.0028 (J)
2/24/2025	<0.005	<0.005	0.0097	0.0031 (J)	0.0029 (J)

Time Series

Constituent: Zinc (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
5/9/2010	<0.005	<0.005			
5/10/2010			<0.005		
5/11/2010				<0.005	<0.005
6/16/2010			<0.005	<0.005	
6/17/2010					<0.005
6/18/2010	<0.005	<0.005			
7/26/2010			<0.005		
7/27/2010				<0.005	<0.005
7/28/2010		<0.005			
7/29/2010	<0.005				
9/7/2010			<0.005	<0.005	<0.005
9/9/2010	<0.005	<0.005			
4/26/2011	<0.005				
4/29/2011			<0.005	<0.005	<0.005
4/30/2011		<0.005			
10/28/2011	<0.005	<0.005	<0.005	<0.005	<0.005
5/2/2012			<0.005	<0.005	
5/3/2012		<0.005			<0.005
5/4/2012	<0.005				
11/9/2012			<0.005	<0.005	
11/10/2012		<0.005			<0.005
11/11/2012	<0.005				
5/8/2013	<0.005	<0.005	<0.005		
5/9/2013				<0.005	<0.005
11/5/2013		<0.005			
11/6/2013			<0.005	<0.005	<0.005
11/7/2013	<0.005				
5/20/2014	<0.005	<0.005			
5/22/2014				<0.005	<0.005
5/23/2014			<0.005		
11/8/2014			<0.005	<0.005	
11/9/2014					<0.005
11/12/2014	<0.005	<0.005			
5/22/2015			<0.005	<0.005	<0.005
5/24/2015	<0.005	<0.005			
11/10/2015			<0.005	<0.005	<0.005
11/11/2015		<0.005			
11/12/2015	<0.005				
4/11/2016			<0.005	<0.005	
4/12/2016					<0.005
4/13/2016	0.00289 (J)	<0.005			
10/4/2016		<0.005			
10/5/2016			<0.005	0.0085 (JO)	<0.005
10/7/2016	<0.005				
4/5/2017				<0.005	
4/6/2017	<0.005	<0.005	<0.005		<0.005
10/5/2017		<0.005	<0.005	<0.005	<0.005
10/6/2017	0.0071 (J)				
3/20/2018		<0.005	<0.005	<0.005	
3/21/2018					<0.005
3/22/2018	<0.005				
10/2/2018		<0.005	<0.005	<0.005	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Zinc (mg/L) Analysis Run 6/18/2025 3:51 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

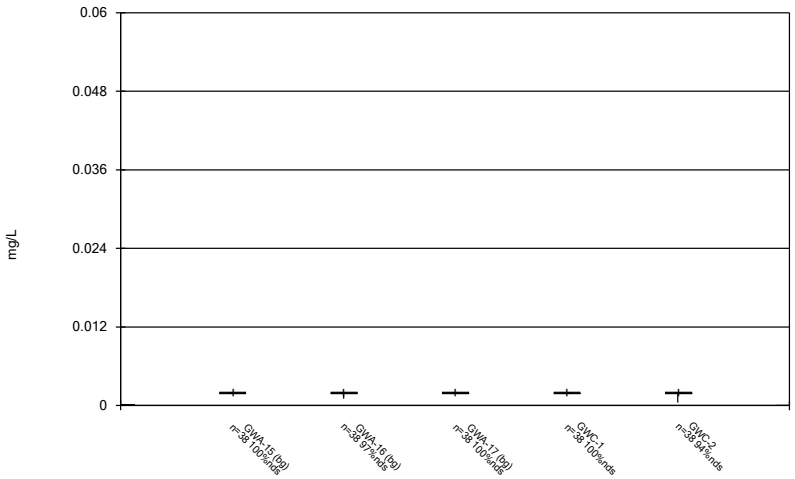
	GWC-13	GWC-14	GWC-18	GWC-19	GWC-20
10/3/2018	<0.005				<0.005
3/26/2019	<0.005	<0.005	<0.005	<0.005	<0.005
9/11/2019	0.0085	0.0038 (J)	0.0077		
9/12/2019				0.0059	0.0065
3/18/2020	0.0052	<0.005	<0.005		
3/19/2020				<0.005	<0.005
9/9/2020		<0.005	<0.005	<0.005	
9/10/2020	0.0038 (J)				<0.005
4/1/2021		<0.005	<0.005		
4/5/2021				<0.005	<0.005
4/6/2021	0.004 (J)				
8/11/2021	<0.005	<0.005	<0.005	<0.005	<0.005
2/16/2022	0.004 (J)	<0.005	<0.005	<0.005	<0.005
8/25/2022			<0.005	<0.005	0.0063
8/26/2022	<0.005	<0.005			
2/27/2023	<0.005	<0.005			
2/28/2023			<0.005	<0.005	<0.005
8/8/2023				<0.005	<0.005
8/9/2023	0.0031 (J)	<0.005	<0.005		
2/29/2024			0.0032 (J)	<0.005	
3/1/2024	<0.005	0.024			<0.005
5/7/2024		<0.005			
8/6/2024	0.003 (J)		<0.005	<0.005	<0.005
8/8/2024		<0.005			
2/24/2025	0.0036 (J)				
2/25/2025		<0.005	0.003 (J)	<0.005	<0.005

ND substitution: RL or RL/2 if <15% NDs.

FIGURE B.

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Box & Whiskers Plot

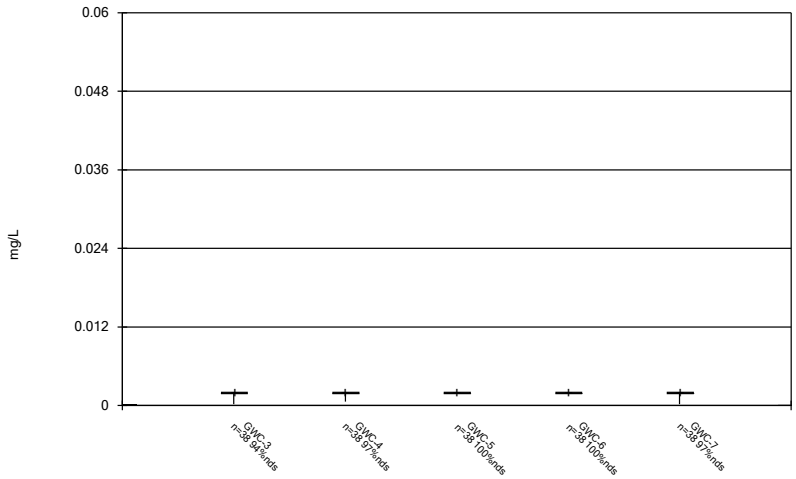


Constituent: Antimony Analysis Run 6/18/2025 3:53 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Box & Whiskers Plot

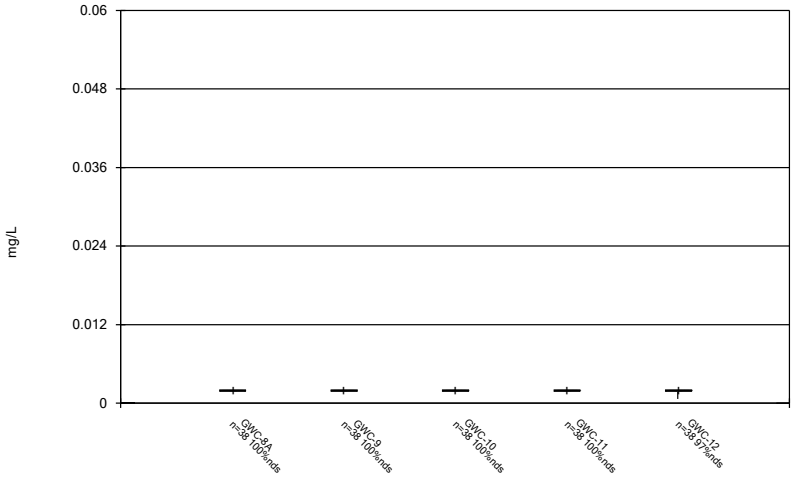


Constituent: Antimony Analysis Run 6/18/2025 3:53 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Box & Whiskers Plot

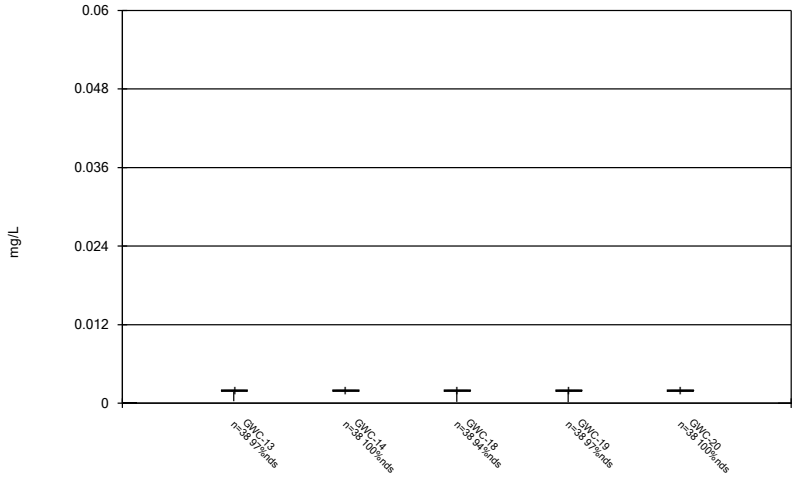


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Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot

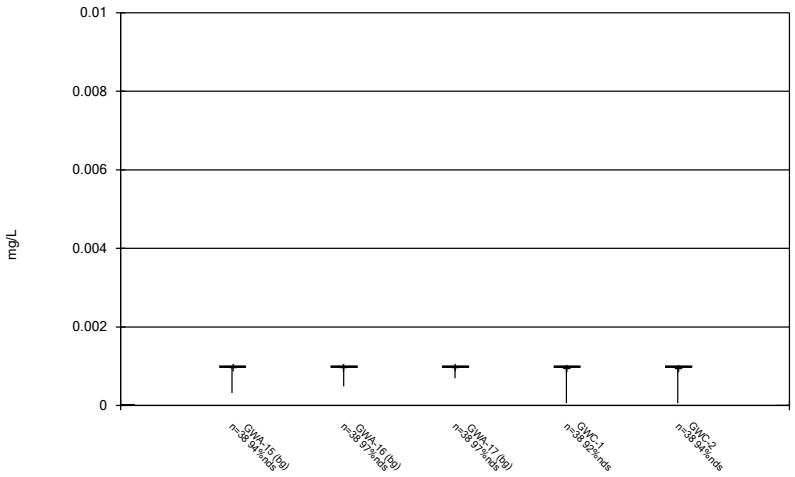


Constituent: Antimony Analysis Run 6/18/2025 3:53 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Box & Whiskers Plot

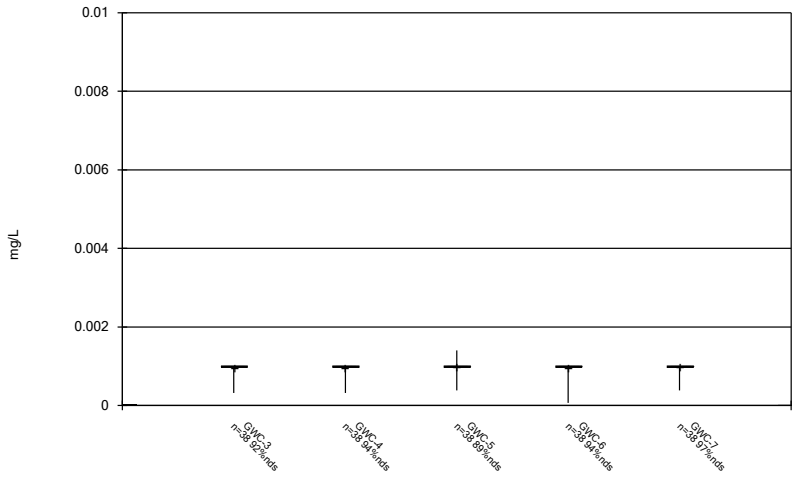


Constituent: Arsenic Analysis Run 6/18/2025 3:53 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Box & Whiskers Plot

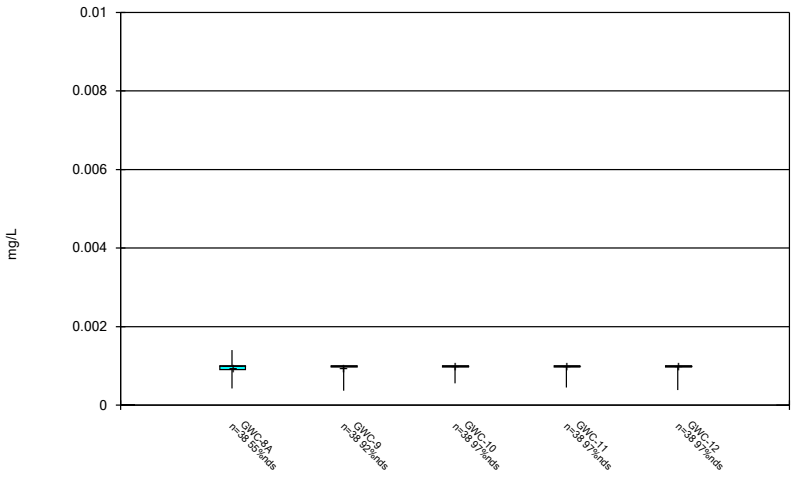


Constituent: Arsenic Analysis Run 6/18/2025 3:53 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Box & Whiskers Plot

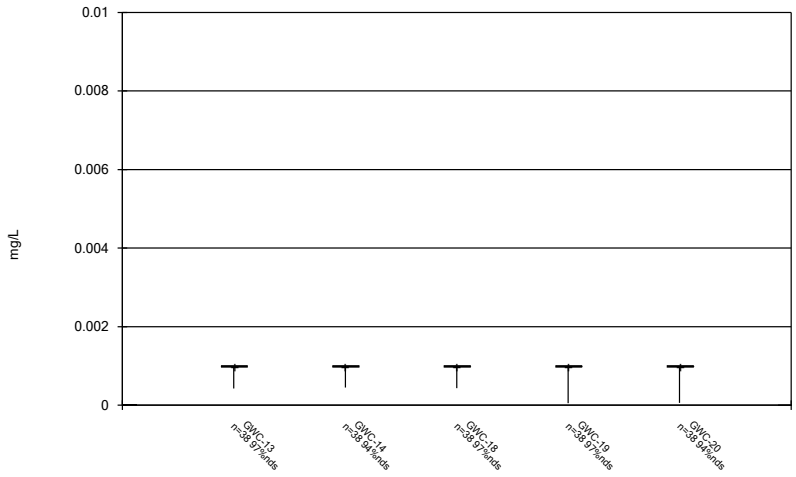


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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Box & Whiskers Plot

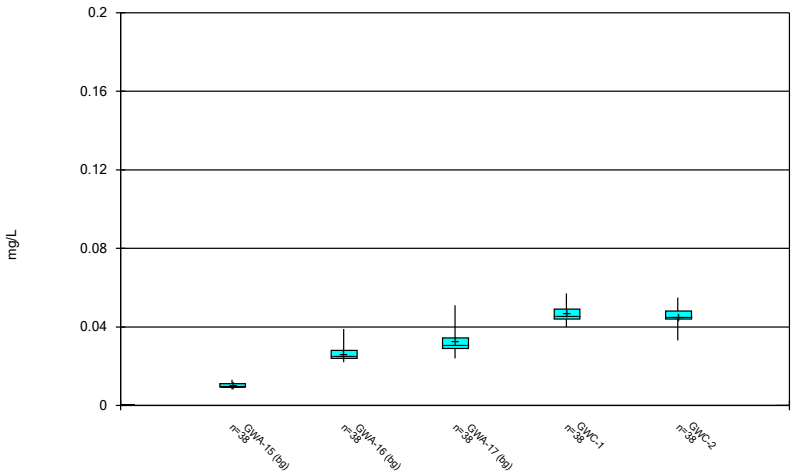


Constituent: Arsenic Analysis Run 6/18/2025 3:53 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Box & Whiskers Plot

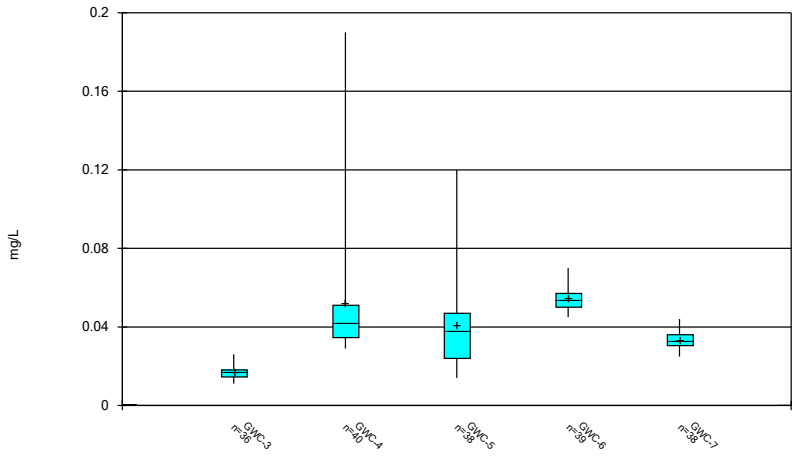


Constituent: Barium Analysis Run 6/18/2025 3:53 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Box & Whiskers Plot

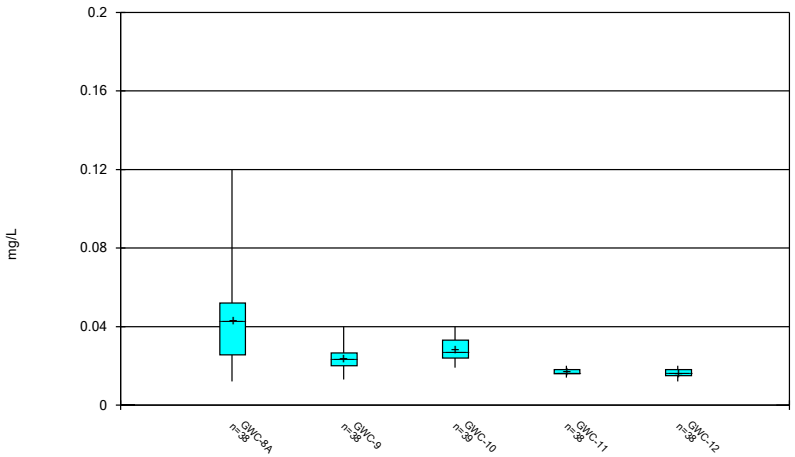


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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Box & Whiskers Plot

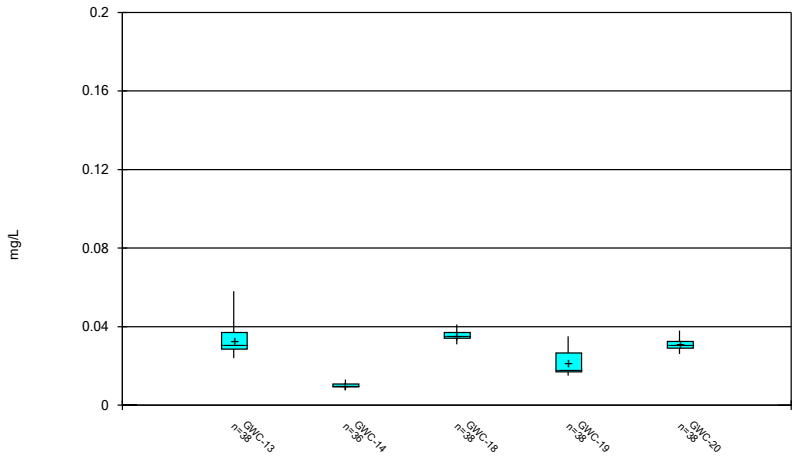


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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Box & Whiskers Plot

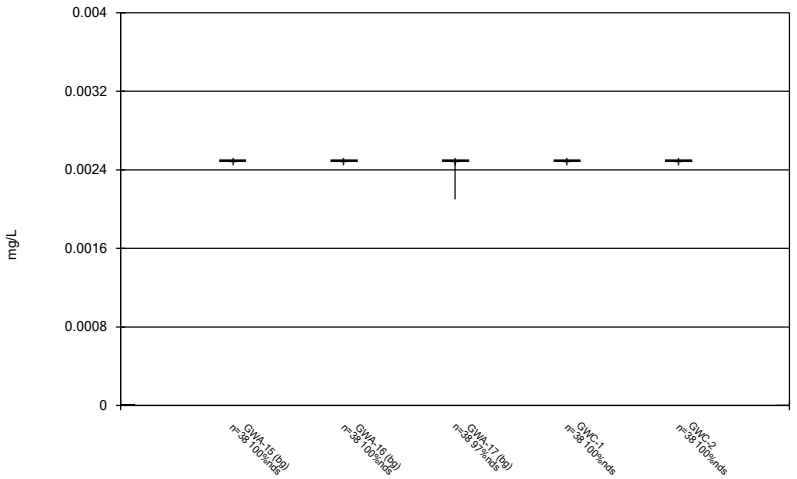


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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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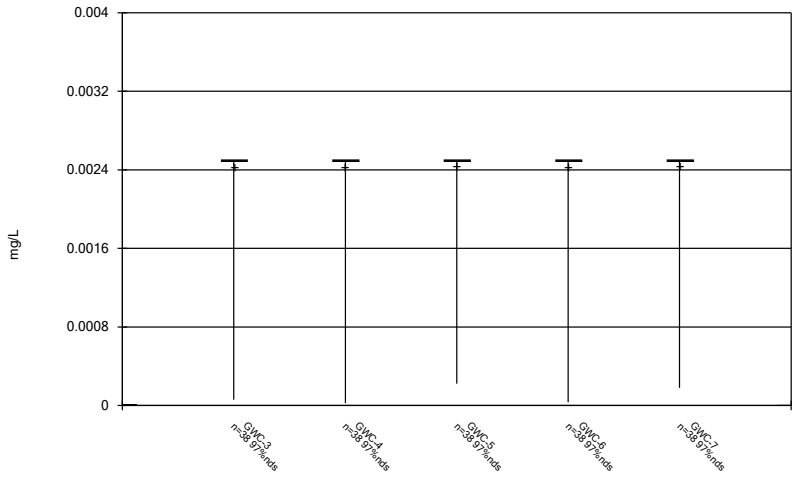
Box & Whiskers Plot



Constituent: Beryllium Analysis Run 6/18/2025 3:53 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

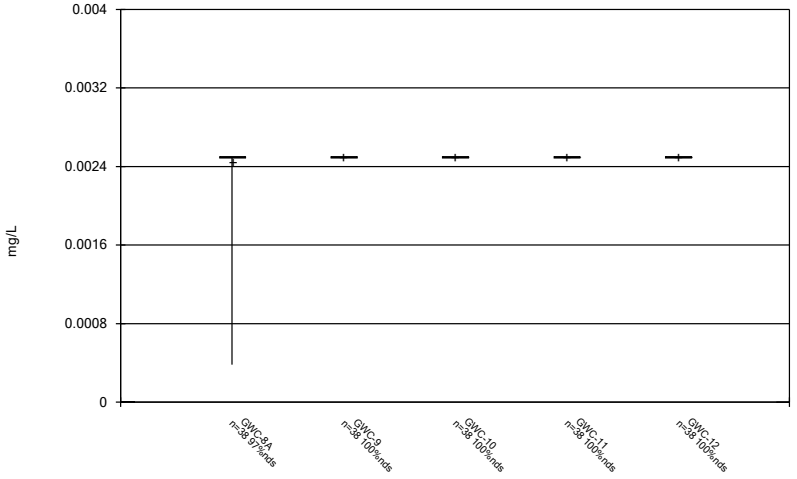
Box & Whiskers Plot



Constituent: Beryllium Analysis Run 6/18/2025 3:53 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

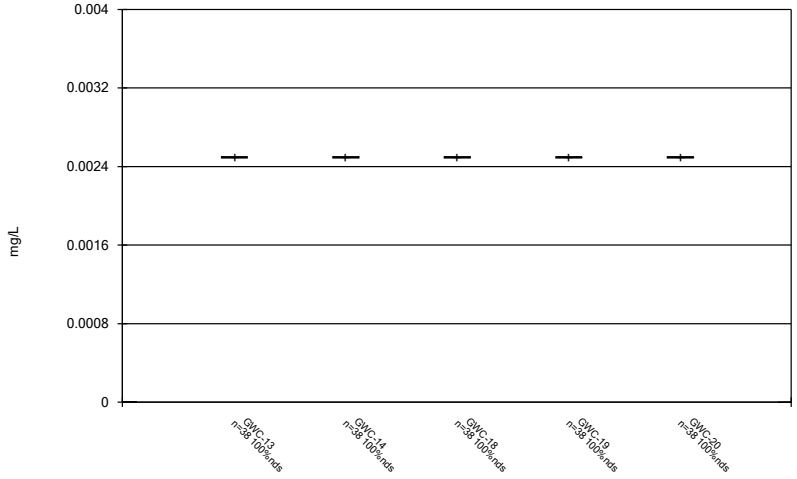
Box & Whiskers Plot



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Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

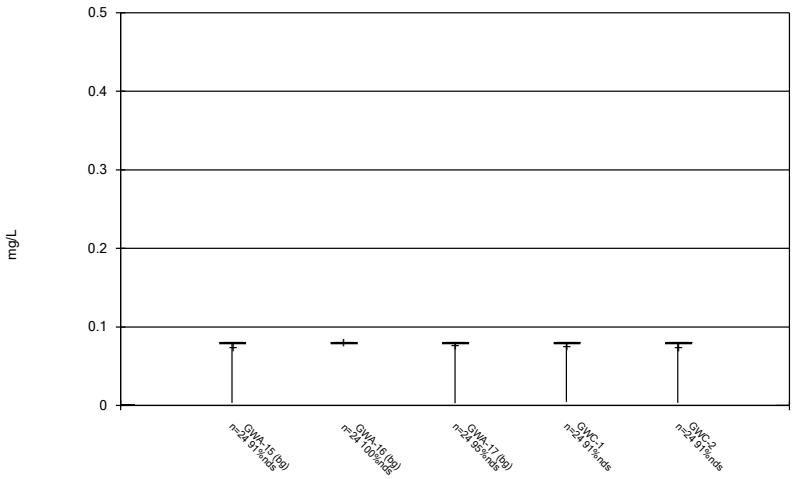
Box & Whiskers Plot



Constituent: Beryllium Analysis Run 6/18/2025 3:53 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Box & Whiskers Plot

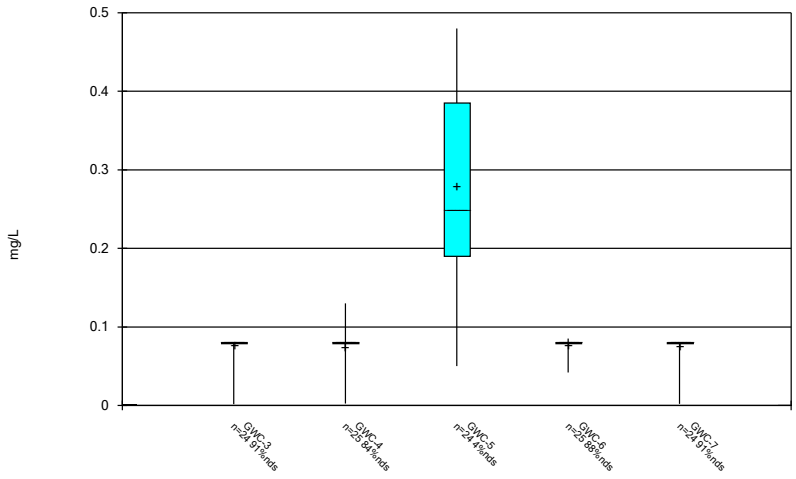


Constituent: Boron Analysis Run 6/18/2025 3:53 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Box & Whiskers Plot

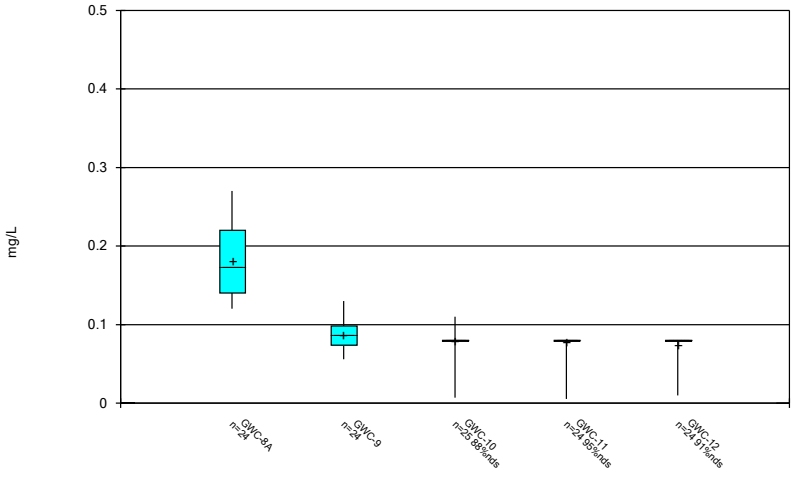


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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Box & Whiskers Plot

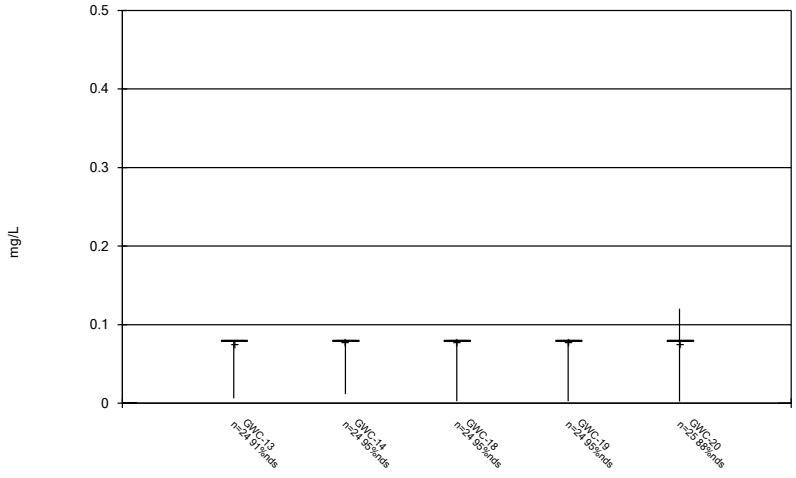


Constituent: Boron Analysis Run 6/18/2025 3:53 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Box & Whiskers Plot

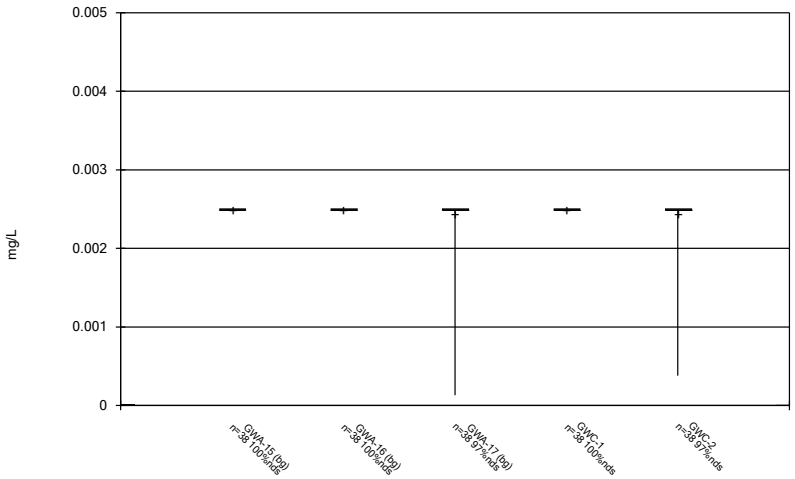


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Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

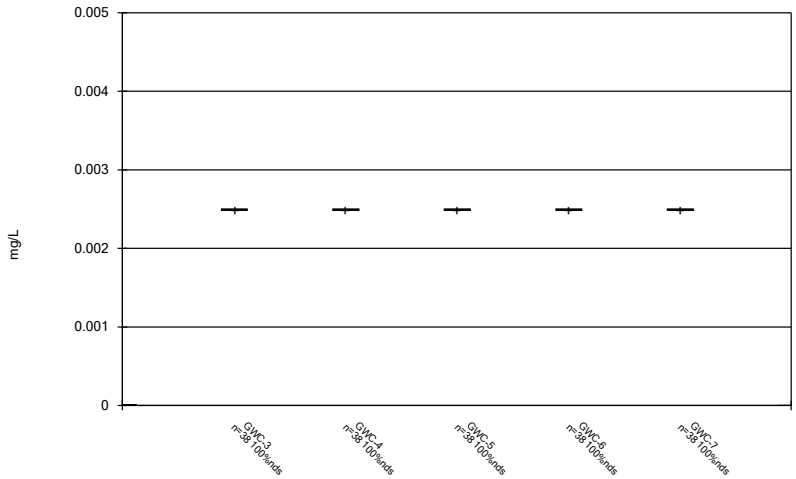
Box & Whiskers Plot



Constituent: Cadmium Analysis Run 6/18/2025 3:53 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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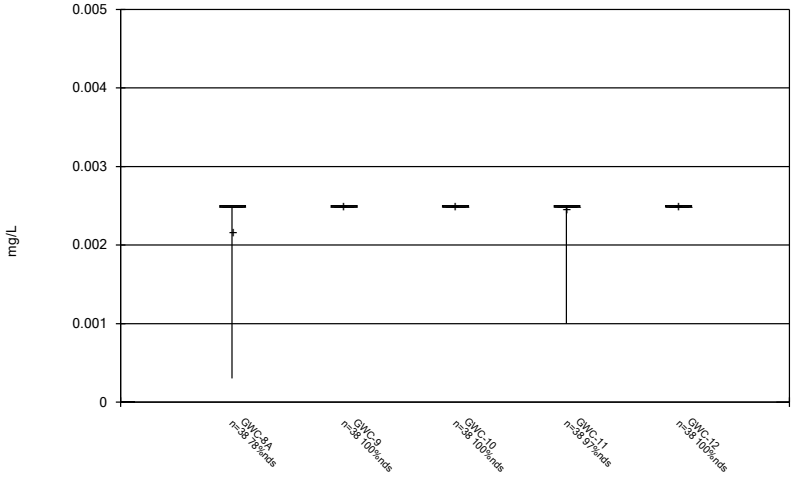
Box & Whiskers Plot



Constituent: Cadmium Analysis Run 6/18/2025 3:53 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

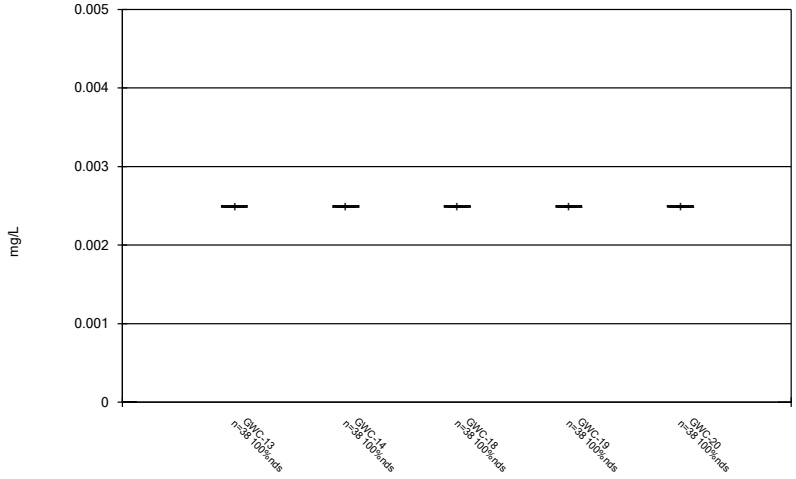
Box & Whiskers Plot



Constituent: Cadmium Analysis Run 6/18/2025 3:53 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

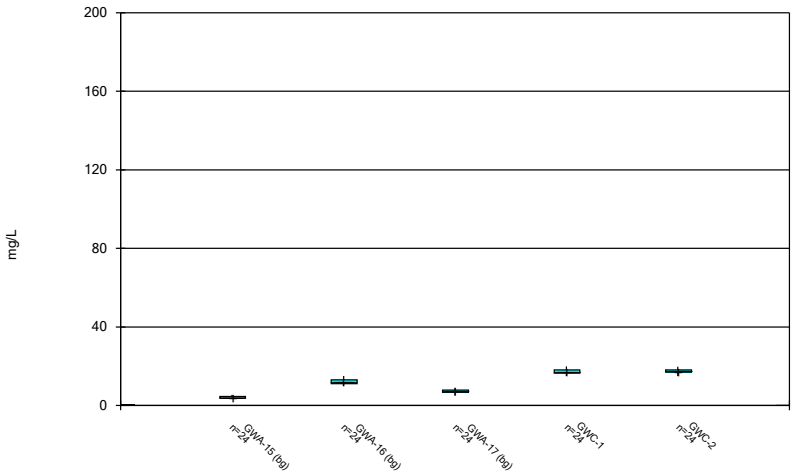
Box & Whiskers Plot



Constituent: Cadmium Analysis Run 6/18/2025 3:53 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot

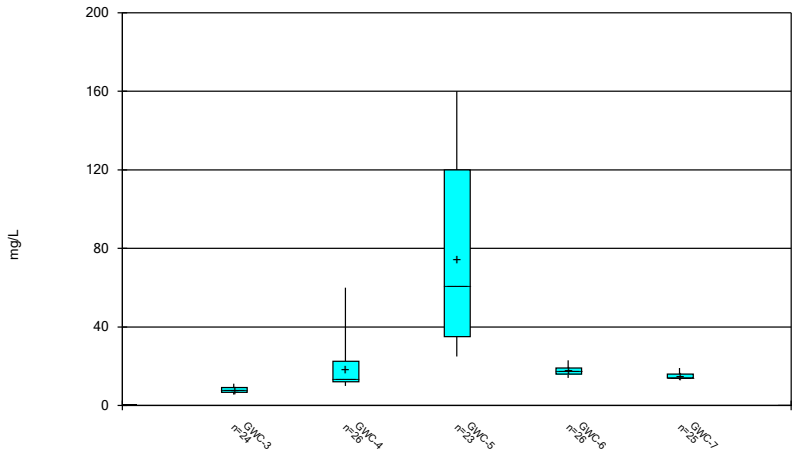


Constituent: Calcium Analysis Run 6/18/2025 3:53 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot

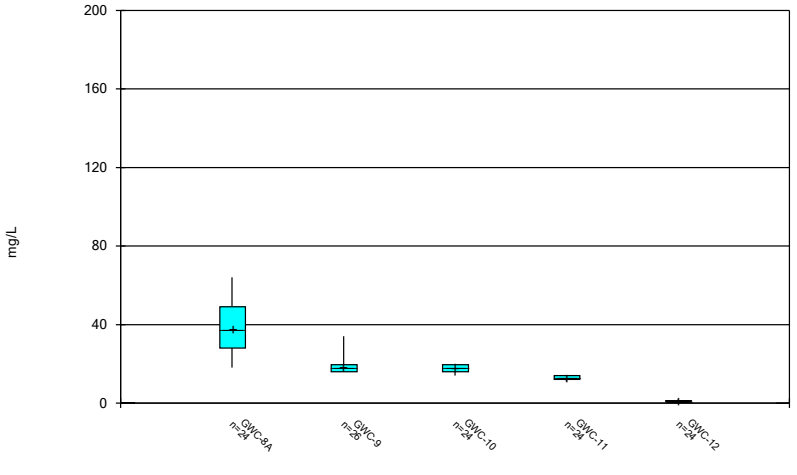


Constituent: Calcium Analysis Run 6/18/2025 3:53 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot

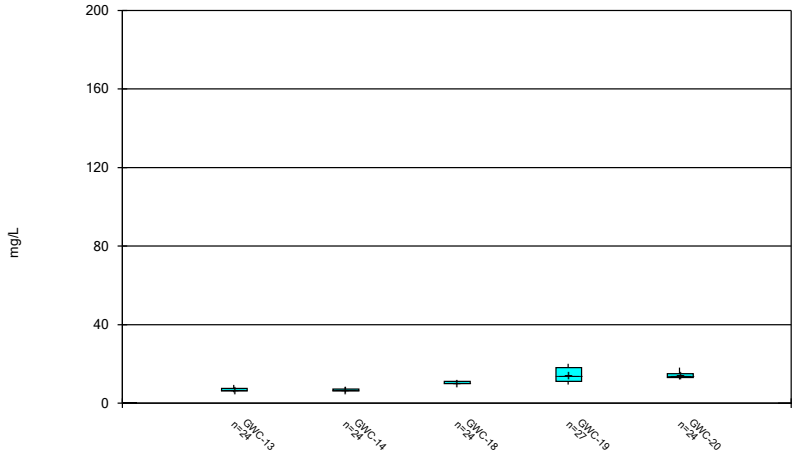


Constituent: Calcium Analysis Run 6/18/2025 3:53 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot

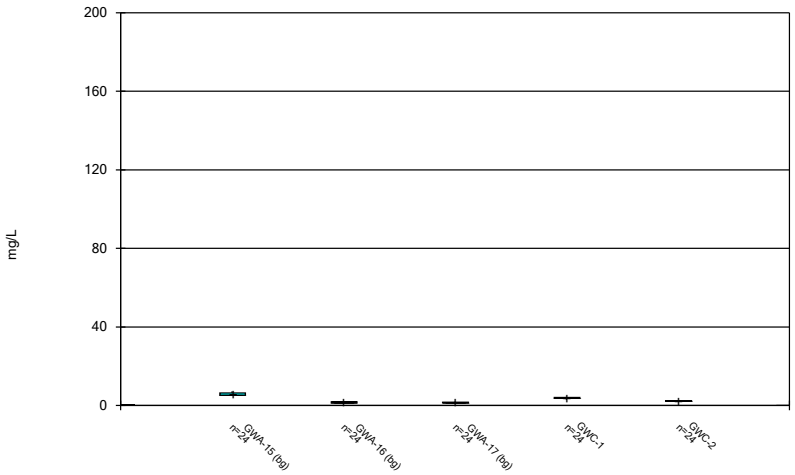


Constituent: Calcium Analysis Run 6/18/2025 3:53 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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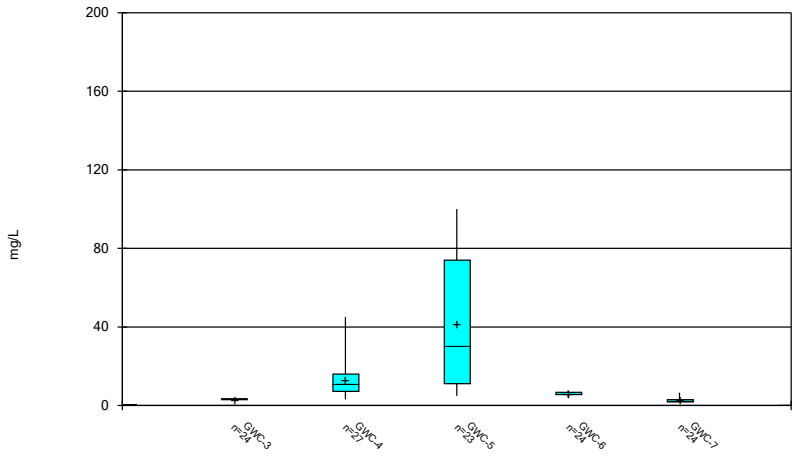
Box & Whiskers Plot



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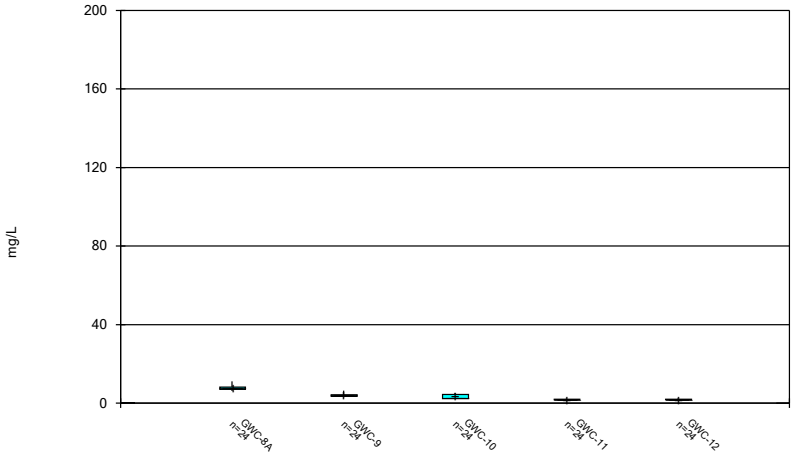
Box & Whiskers Plot



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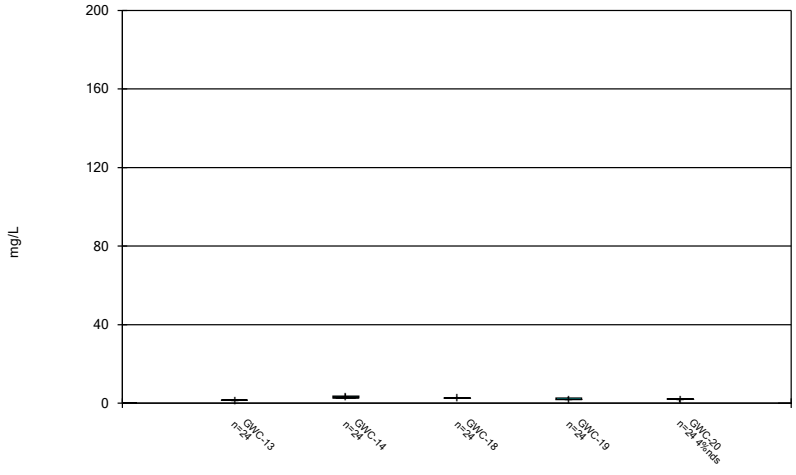
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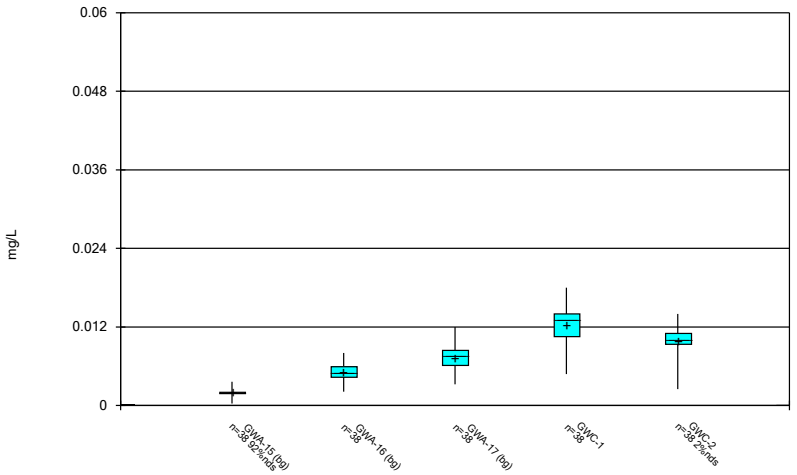
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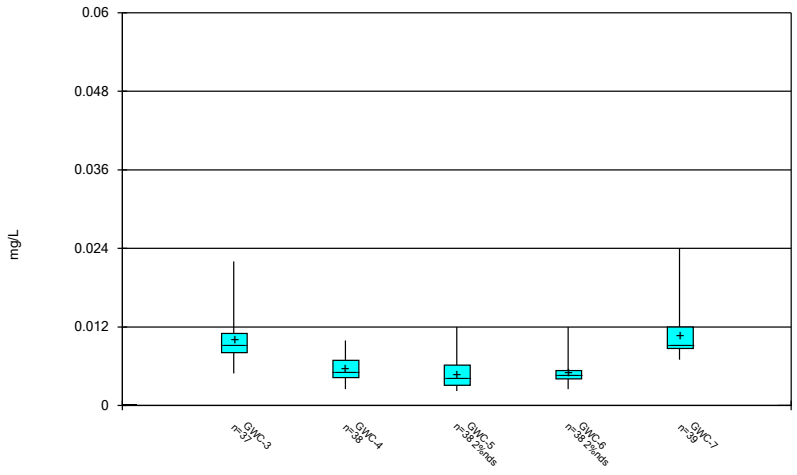
Box & Whiskers Plot



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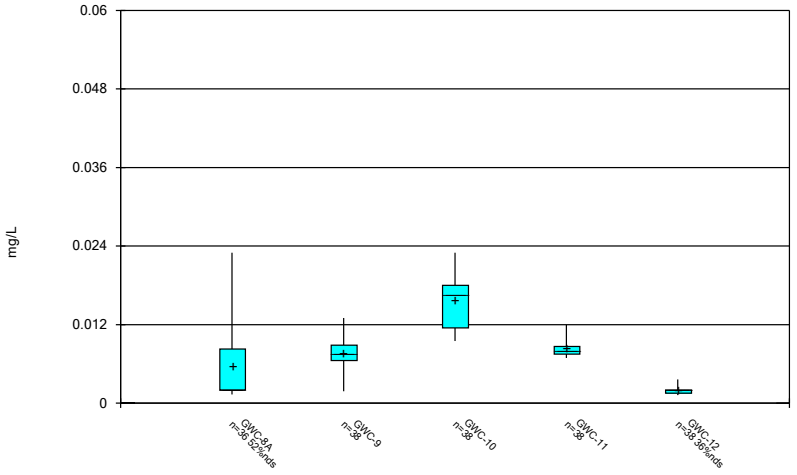
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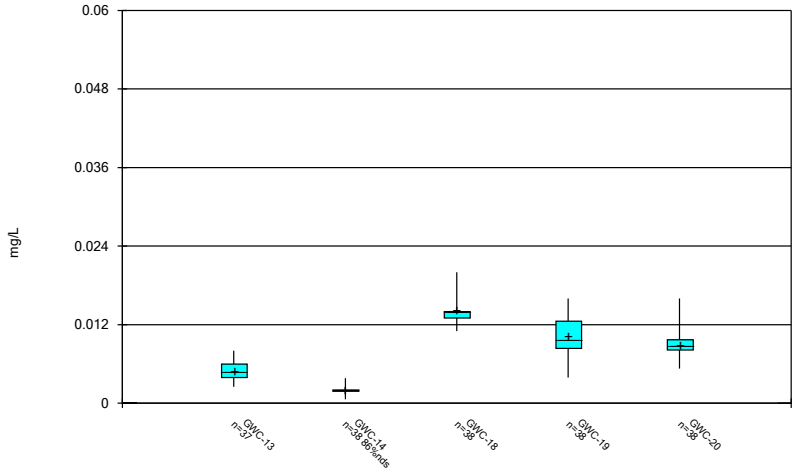
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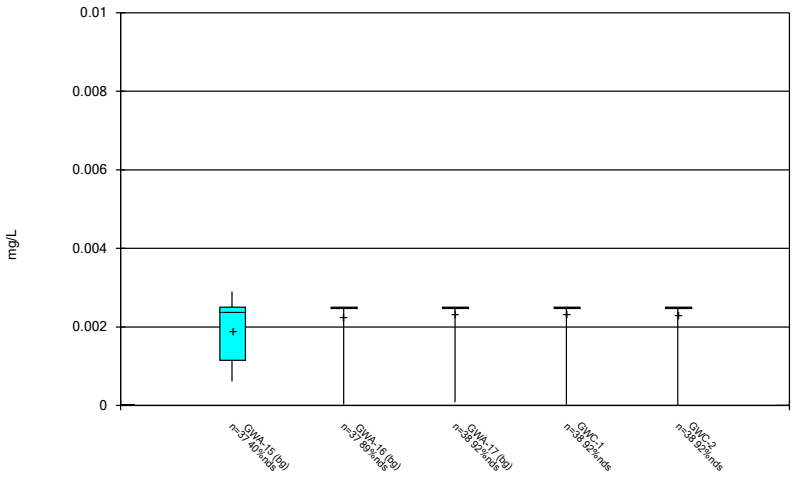
Box & Whiskers Plot



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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Box & Whiskers Plot

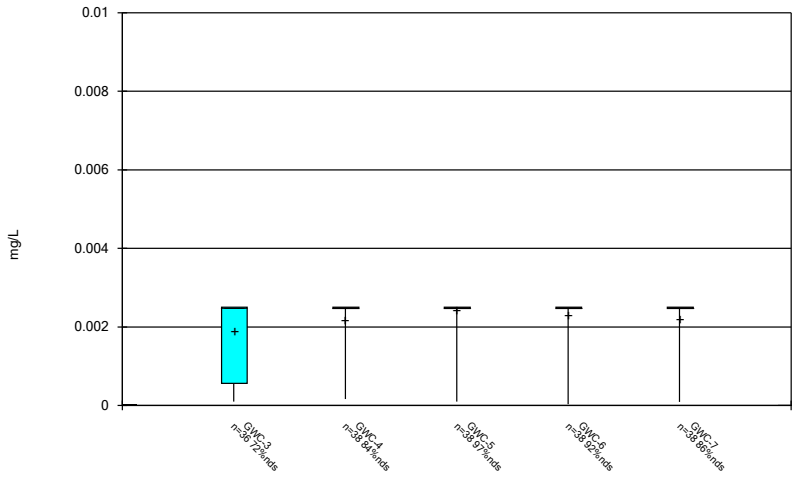


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Box & Whiskers Plot

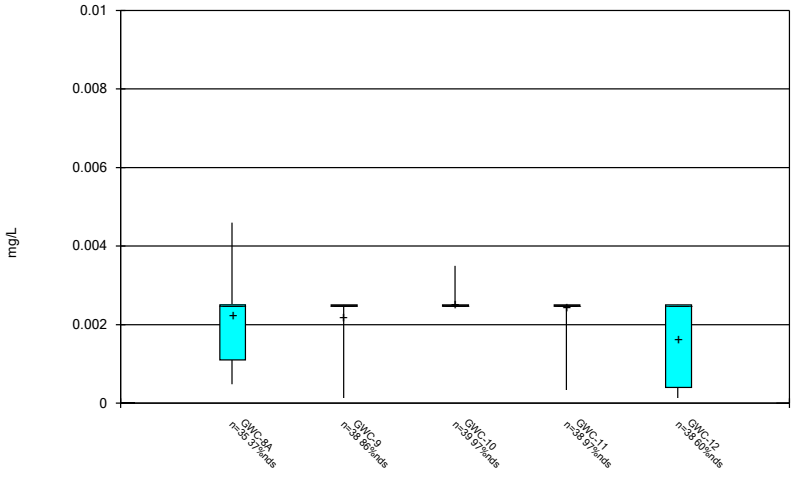


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Box & Whiskers Plot

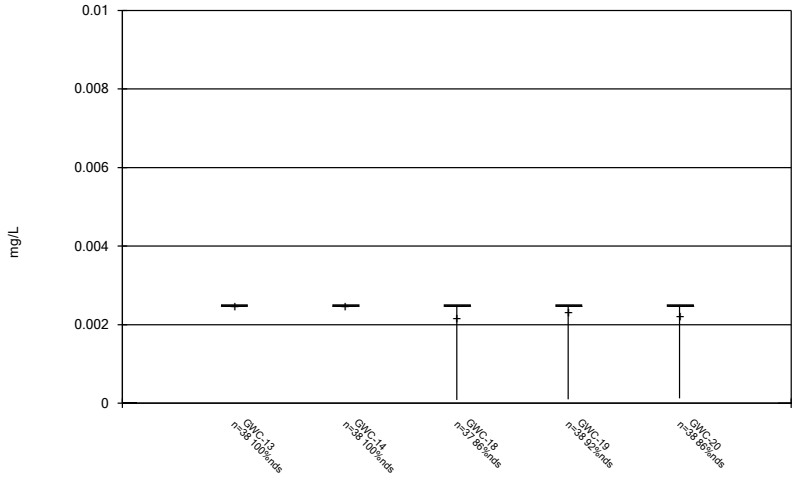


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Box & Whiskers Plot

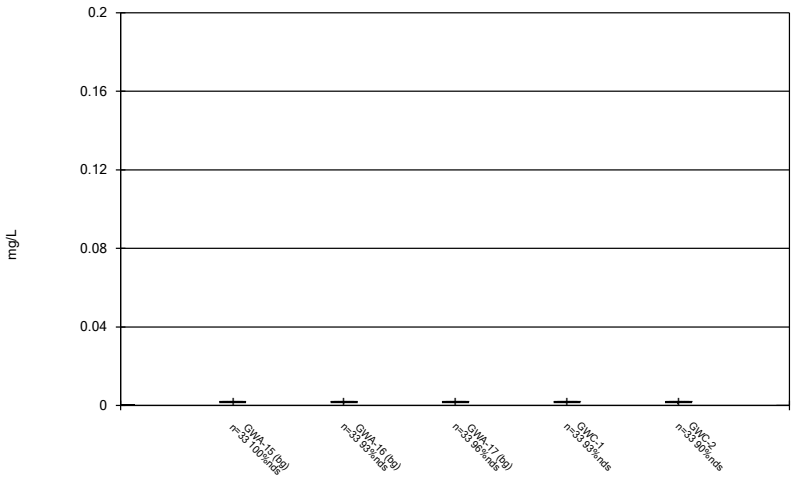


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Box & Whiskers Plot

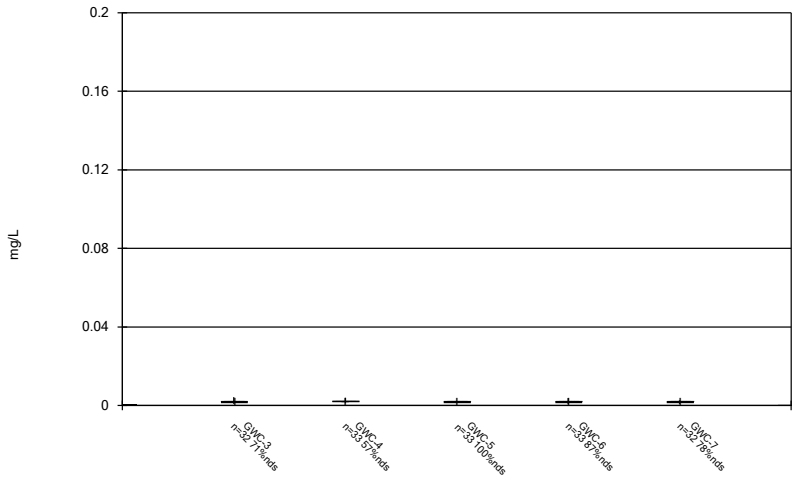


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Box & Whiskers Plot

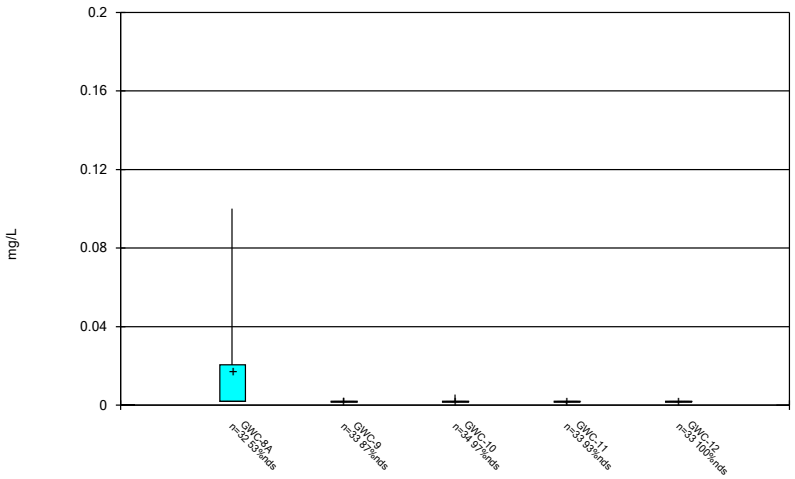


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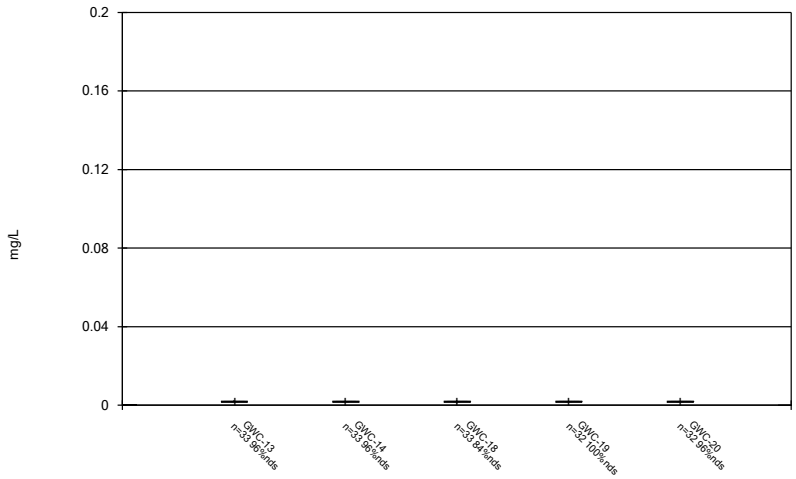


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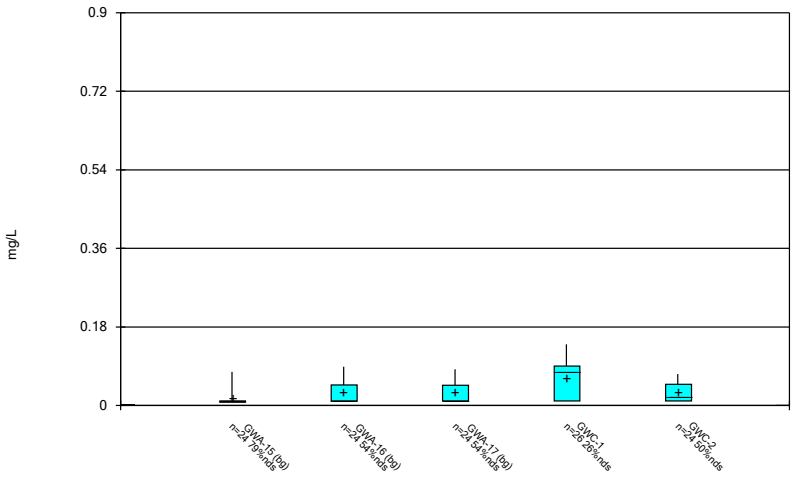


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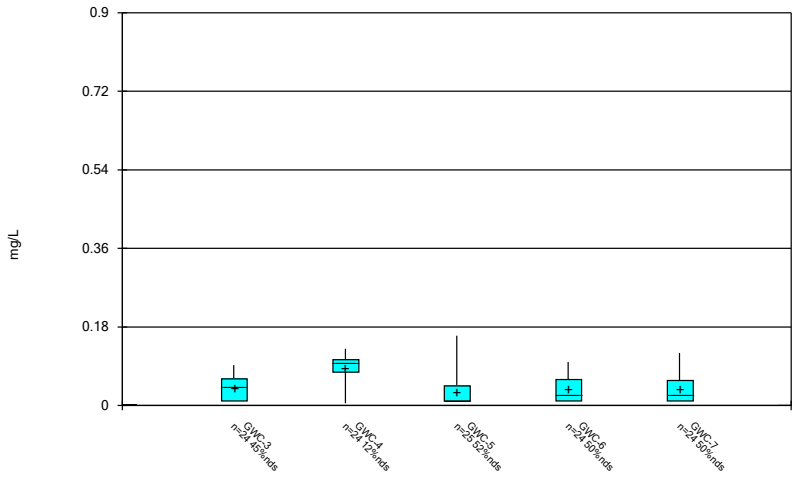


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Box & Whiskers Plot

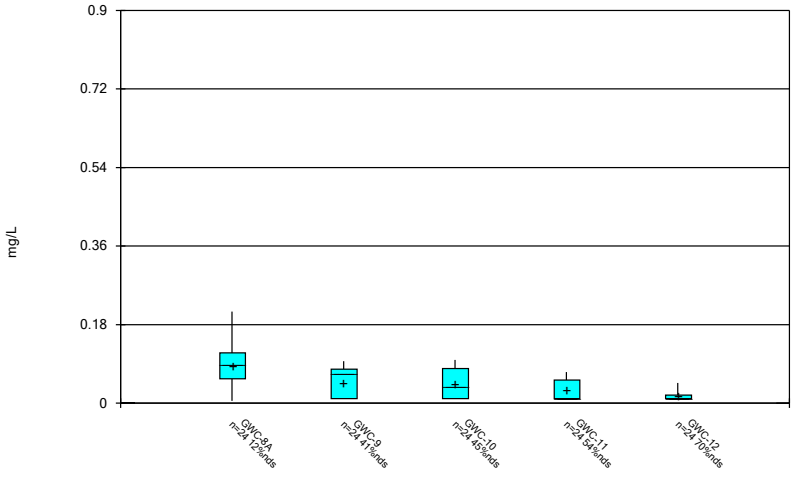


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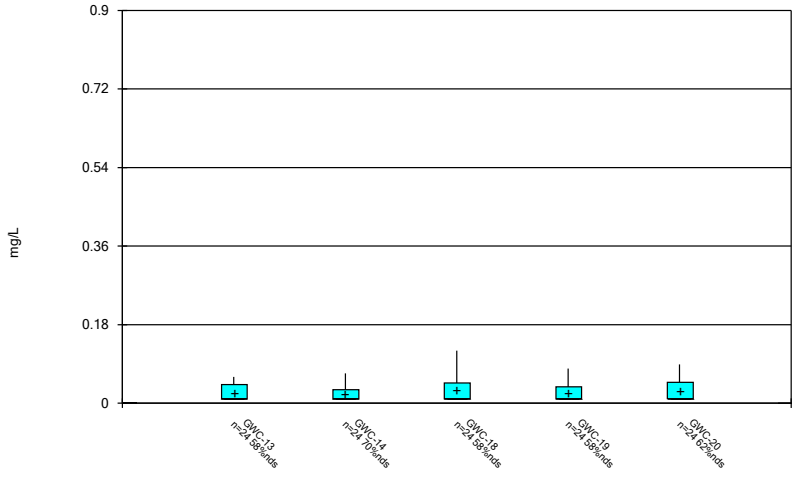


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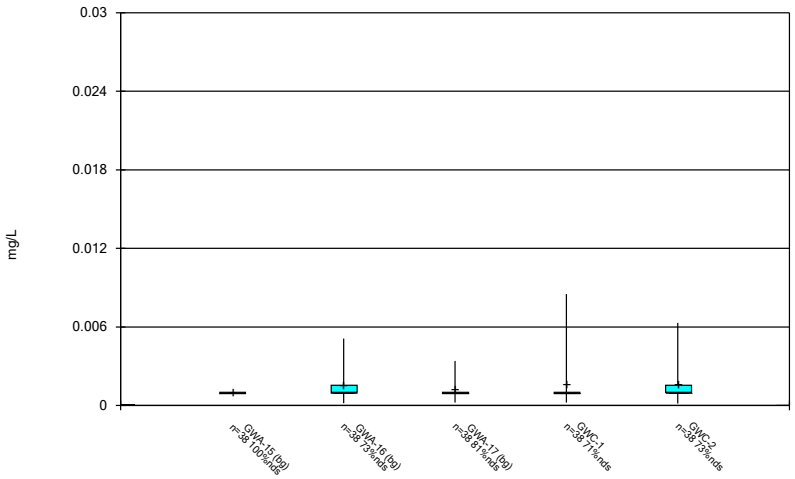


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Box & Whiskers Plot

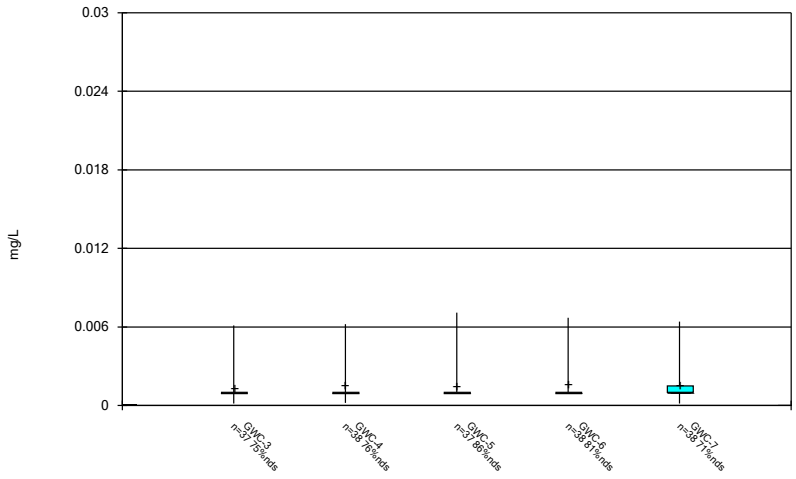


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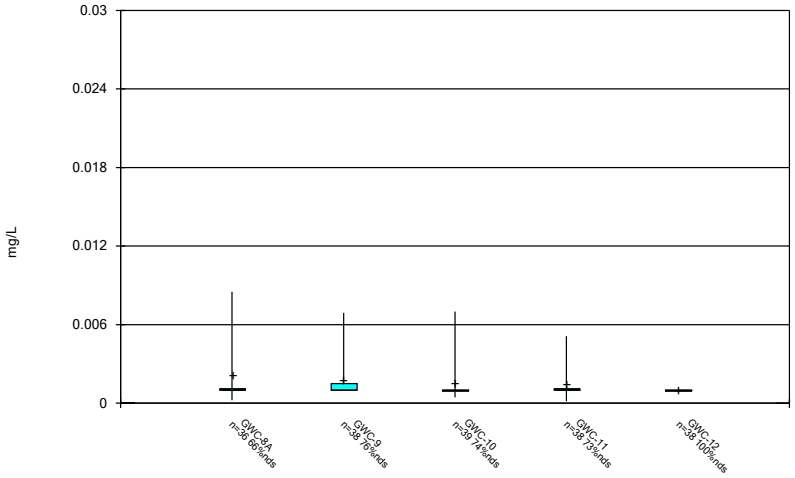


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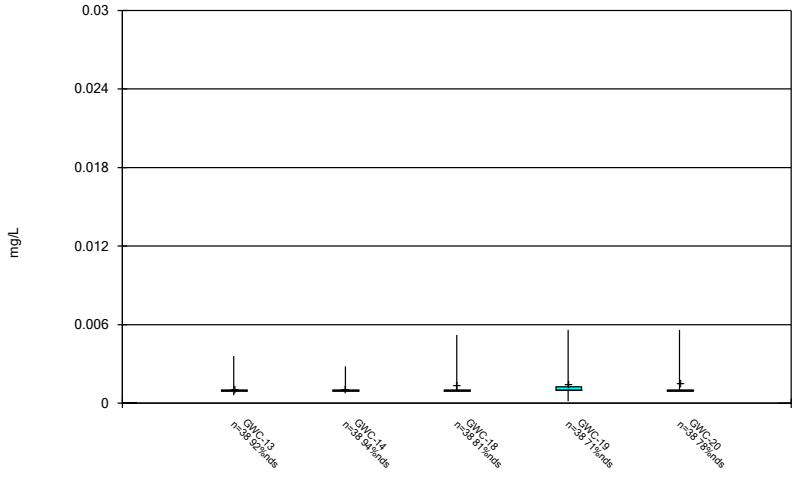


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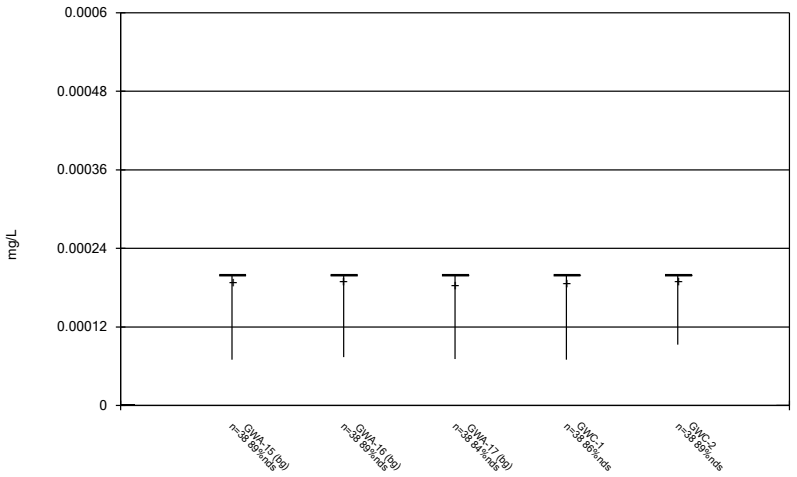


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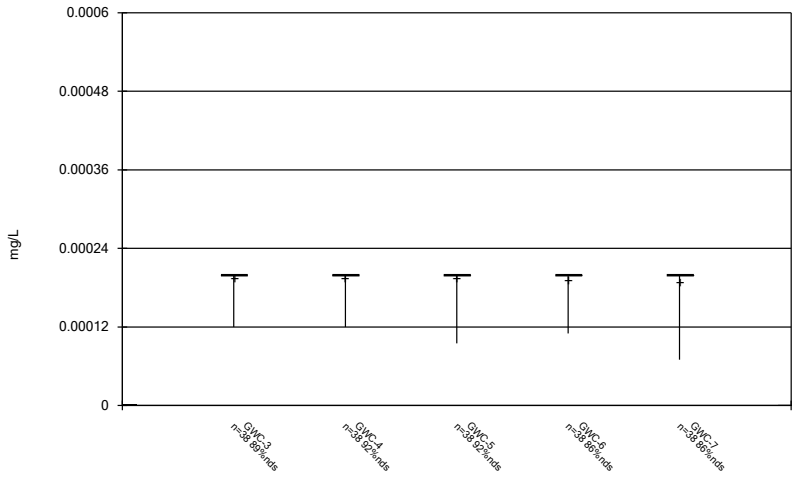


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Box & Whiskers Plot

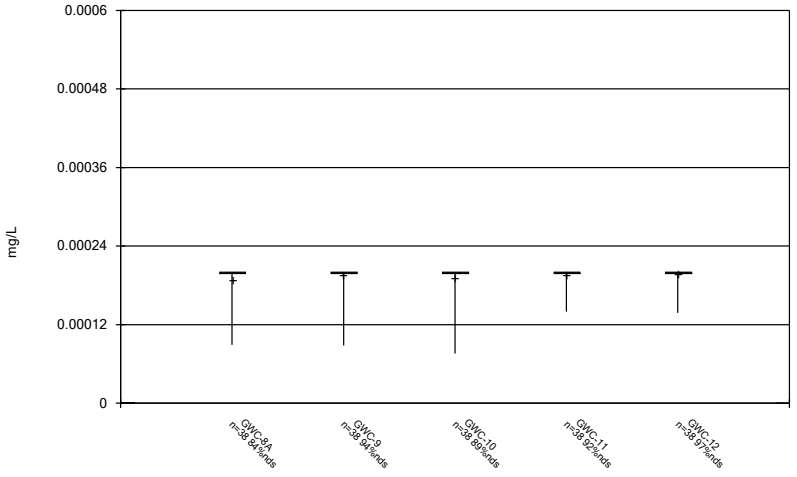


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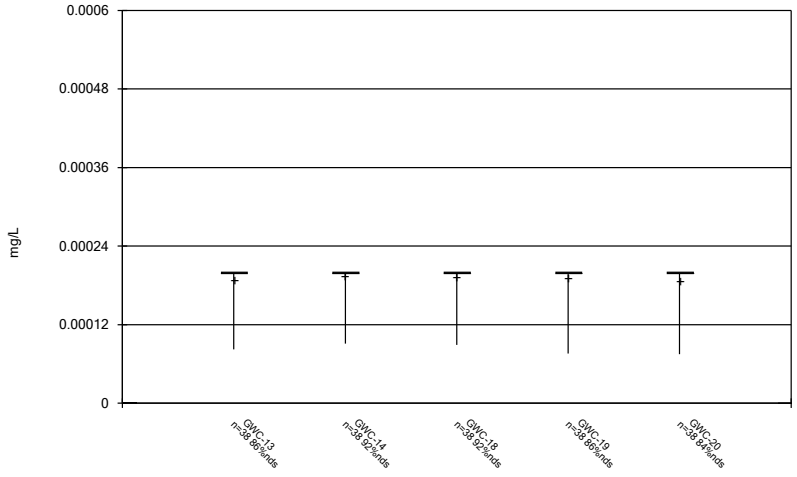


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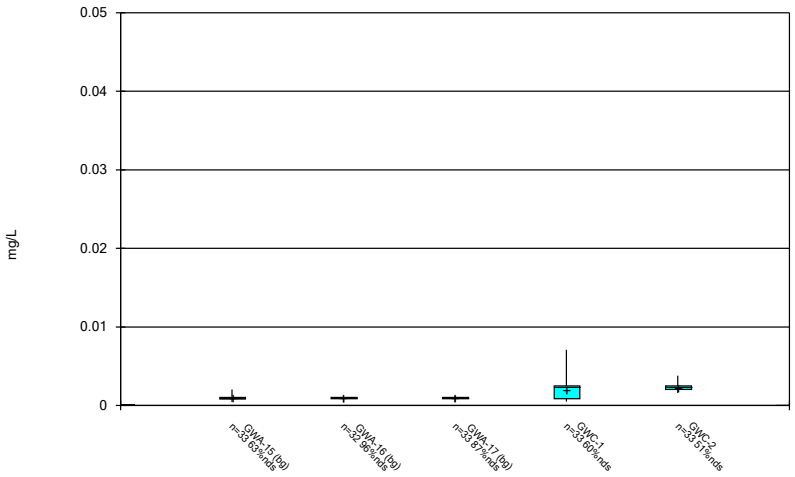


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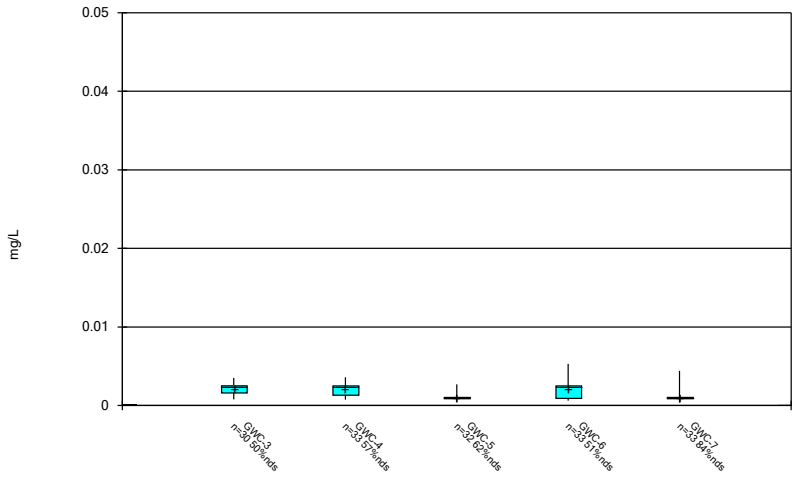


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Box & Whiskers Plot

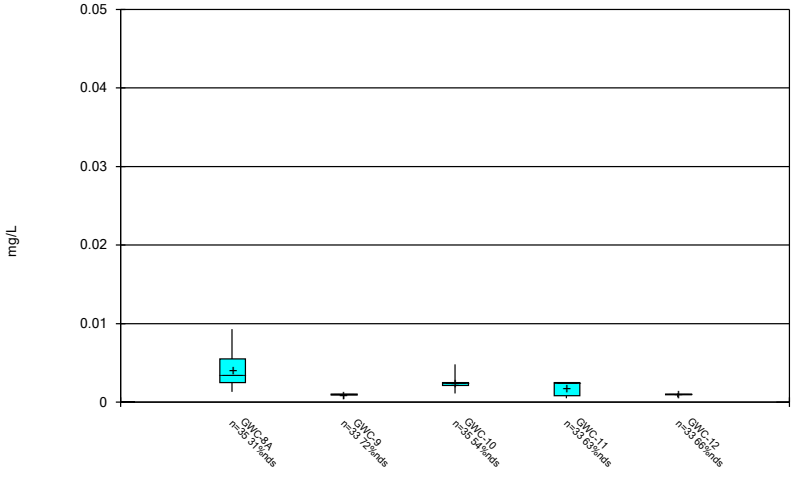


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Box & Whiskers Plot

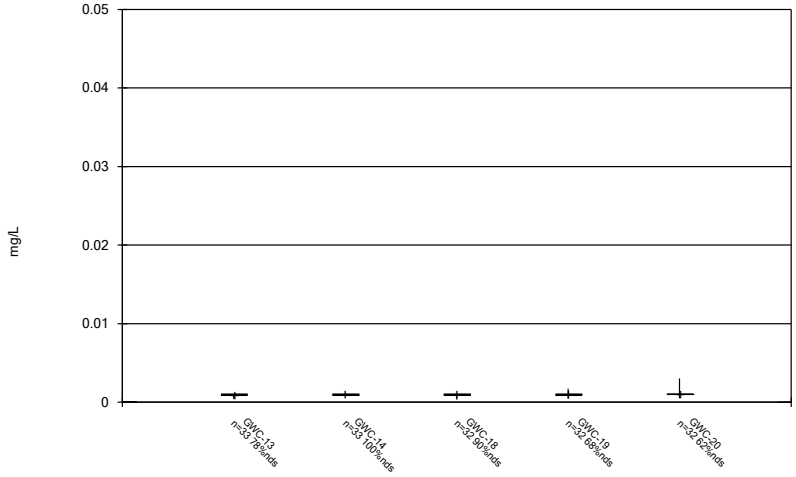


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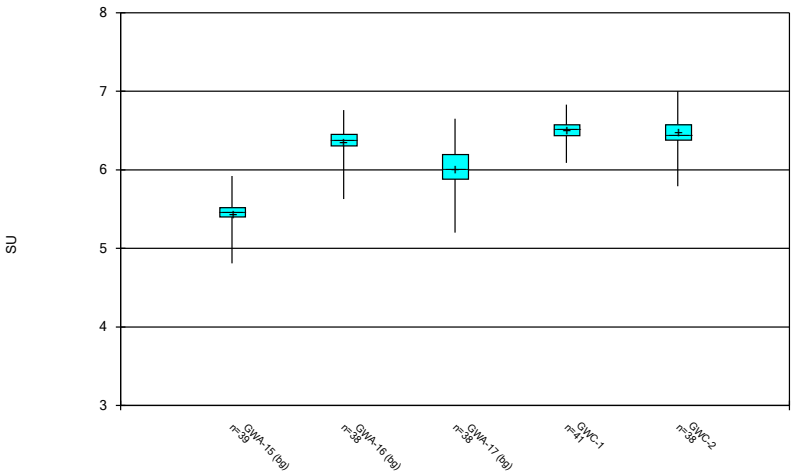


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Box & Whiskers Plot

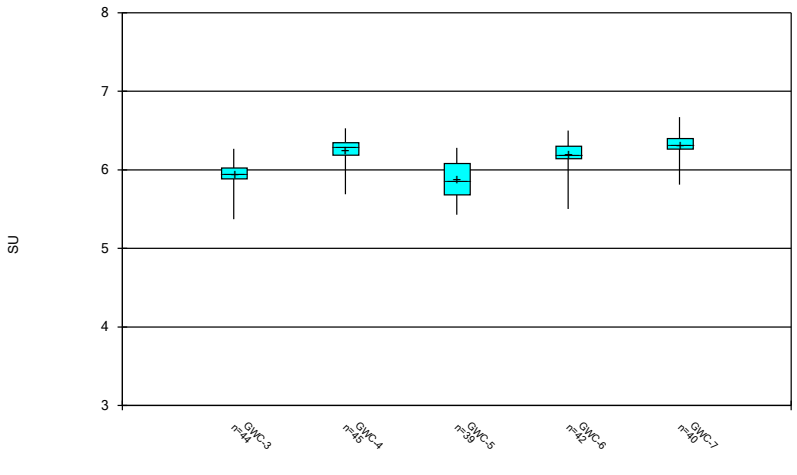


Constituent: pH, Field Analysis Run 6/18/2025 3:54 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Box & Whiskers Plot

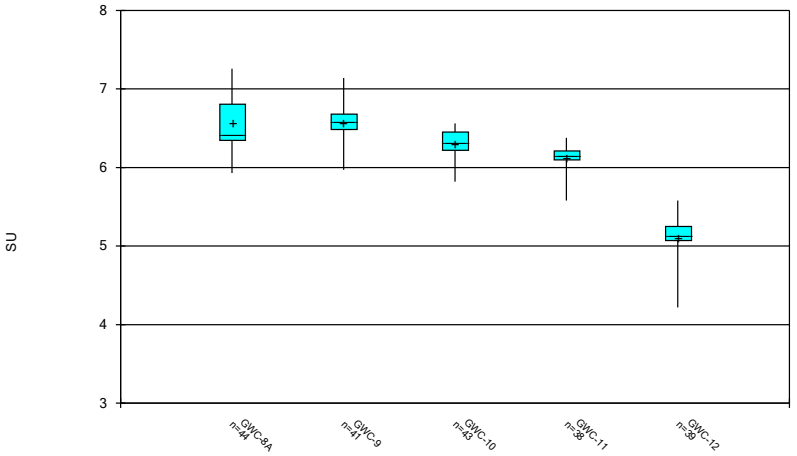


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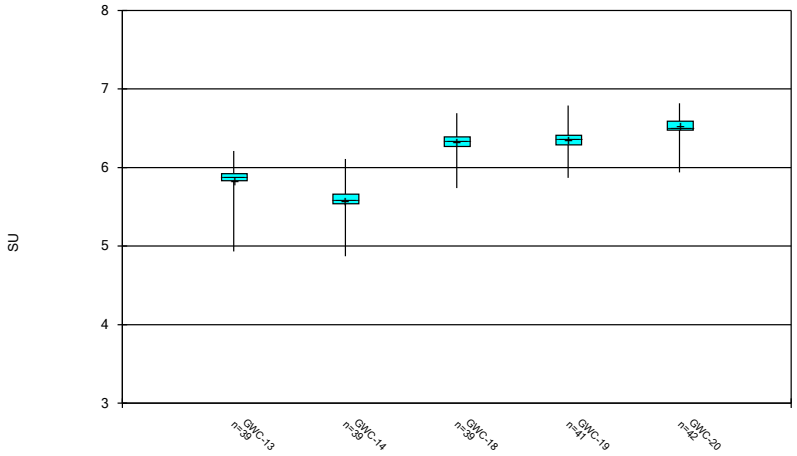


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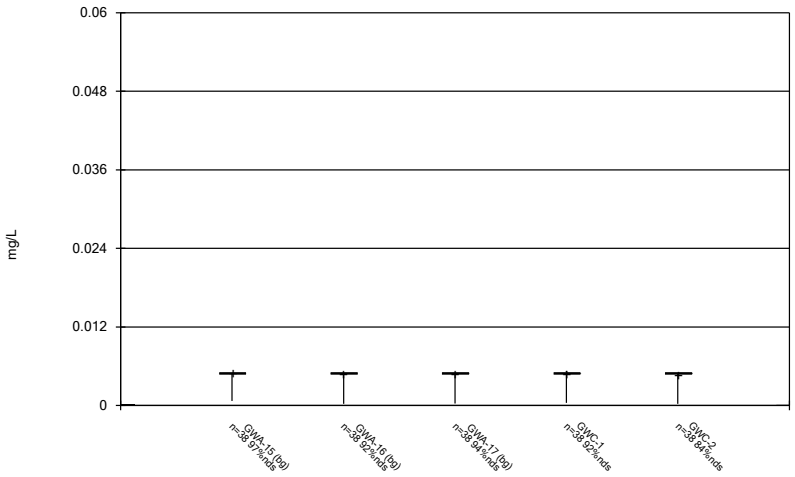


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Box & Whiskers Plot

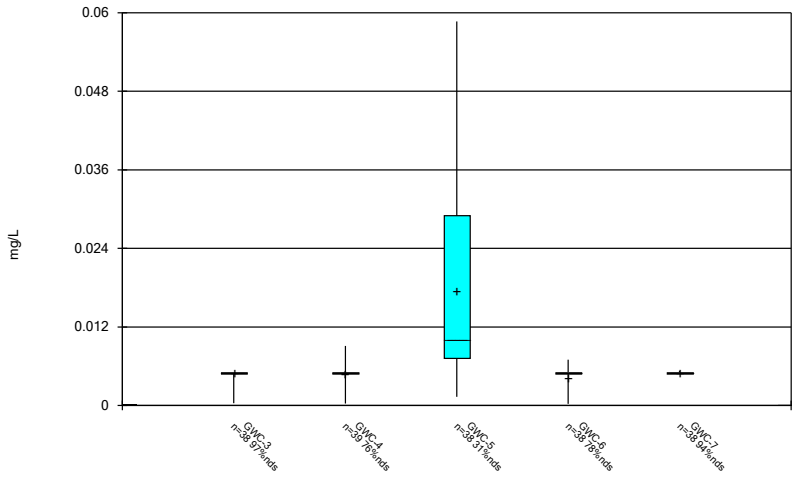


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Box & Whiskers Plot

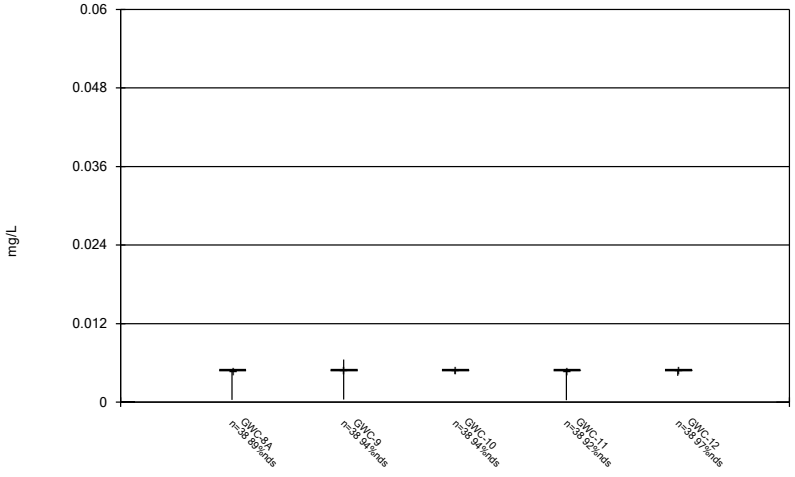


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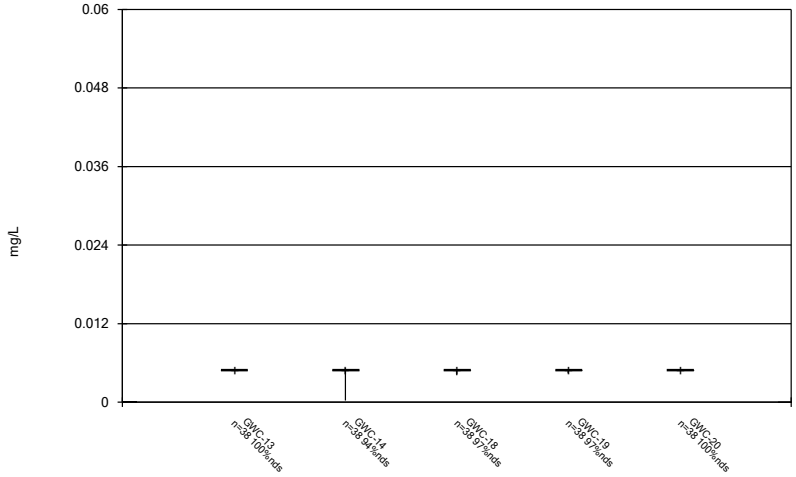


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Box & Whiskers Plot

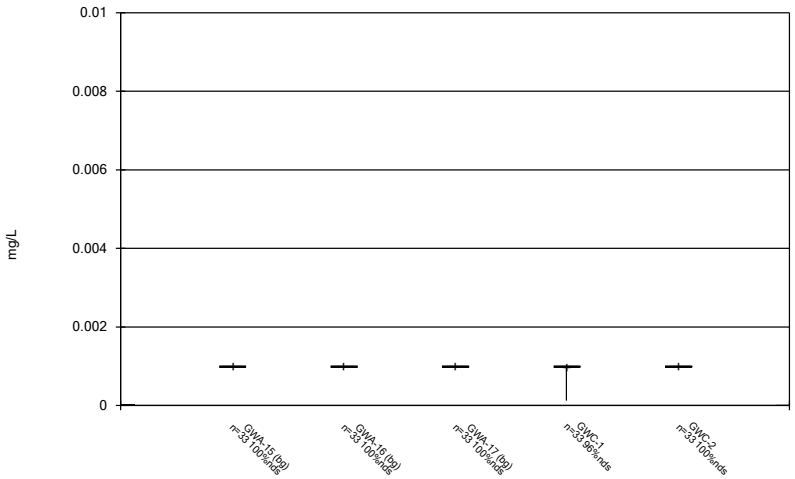


Constituent: Selenium Analysis Run 6/18/2025 3:54 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Box & Whiskers Plot

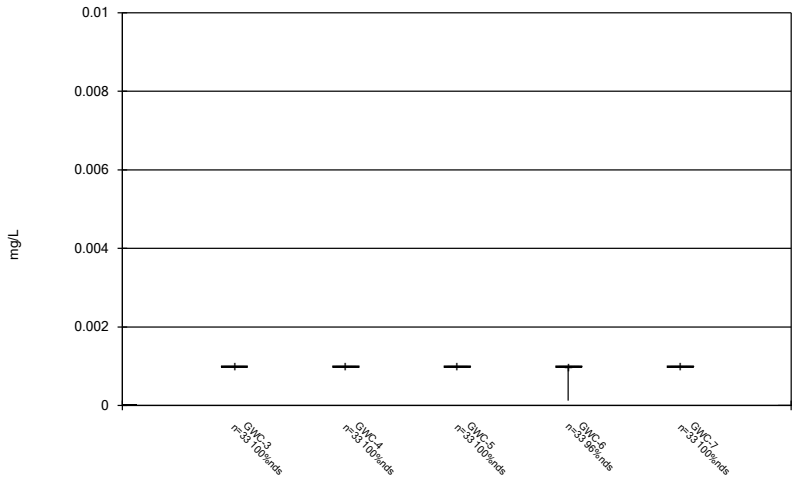


Constituent: Silver Analysis Run 6/18/2025 3:54 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot

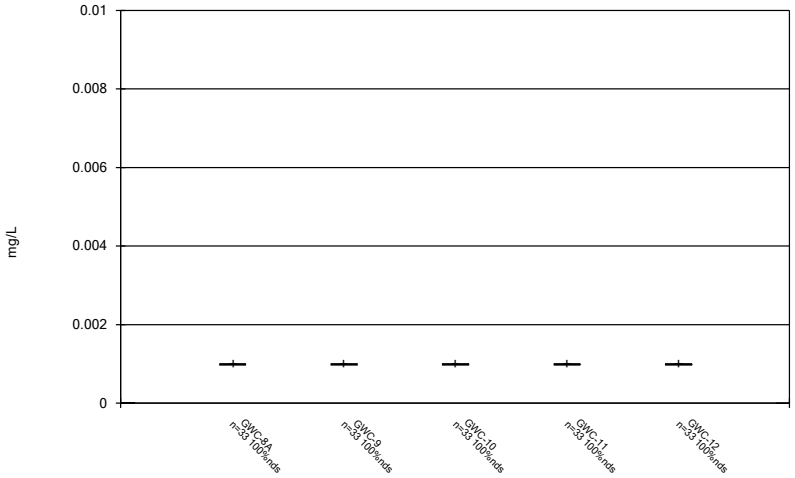


Constituent: Silver Analysis Run 6/18/2025 3:54 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot

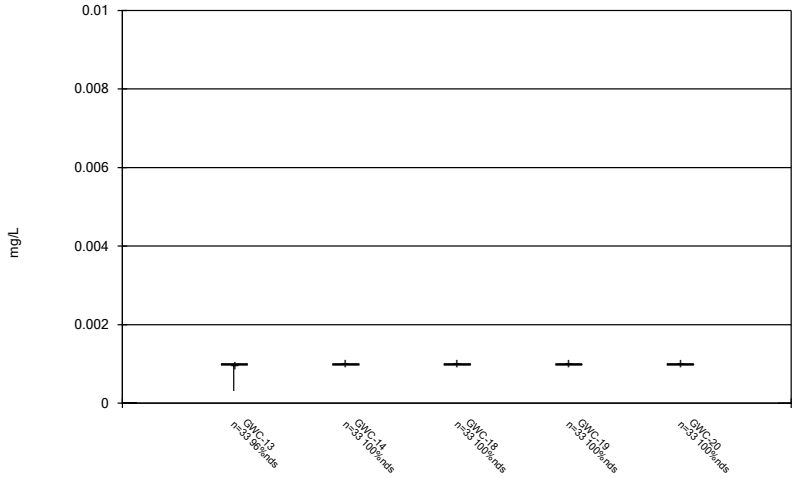


Constituent: Silver Analysis Run 6/18/2025 3:54 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot

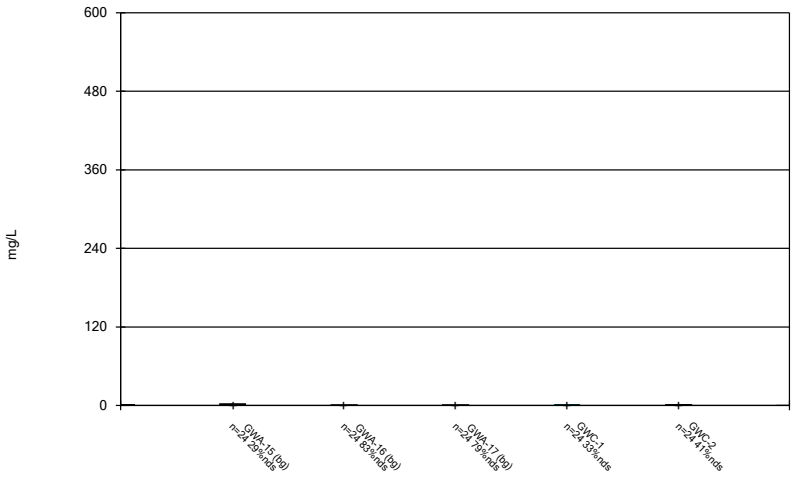


Constituent: Silver Analysis Run 6/18/2025 3:54 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot

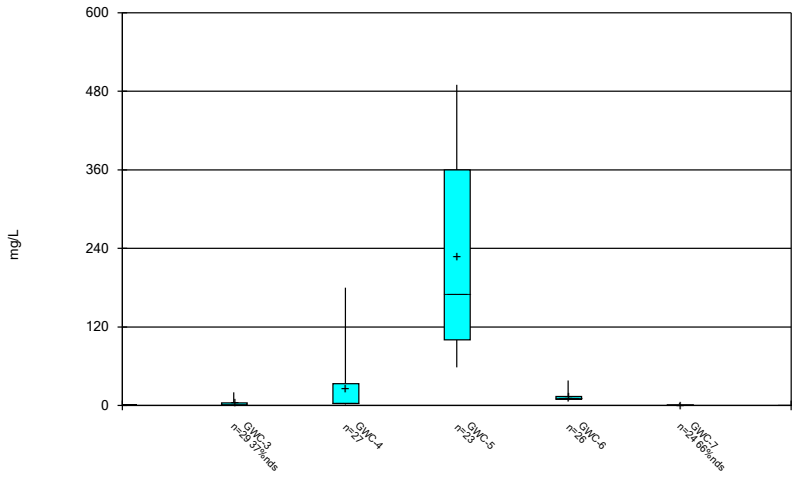


Constituent: Sulfate Analysis Run 6/18/2025 3:54 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot

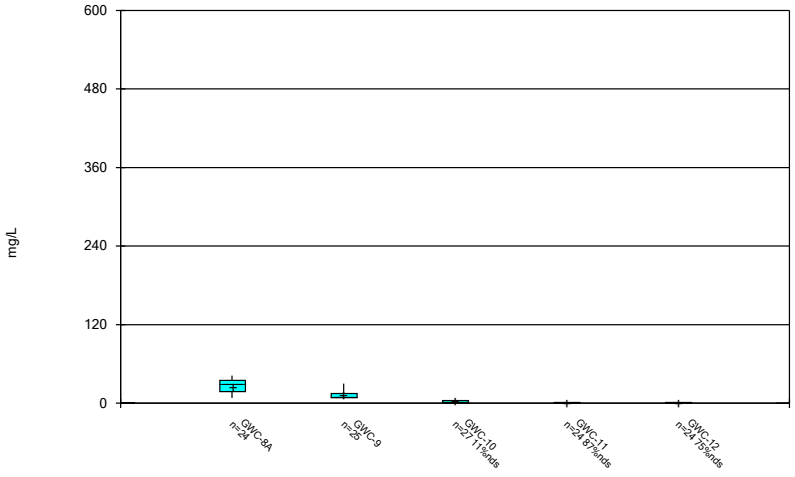


Constituent: Sulfate Analysis Run 6/18/2025 3:54 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot

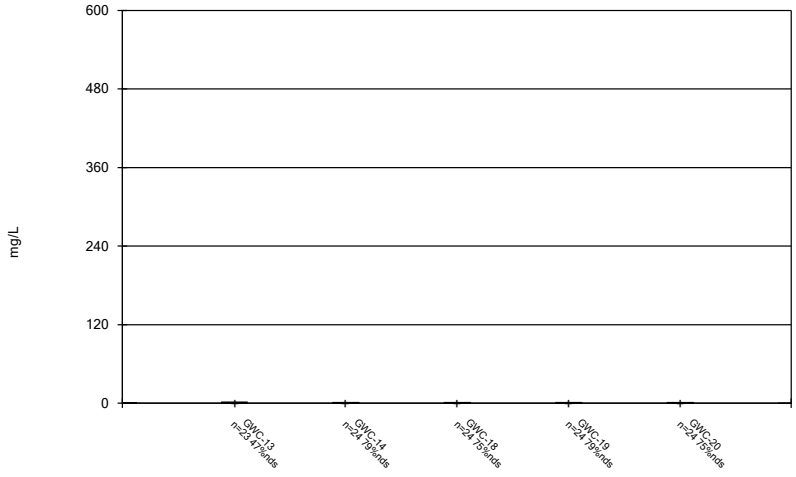


Constituent: Sulfate Analysis Run 6/18/2025 3:54 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Box & Whiskers Plot

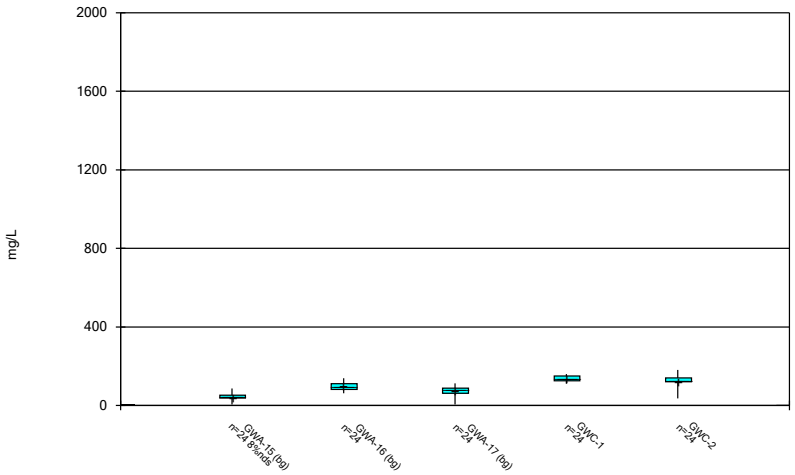


Constituent: Sulfate Analysis Run 6/18/2025 3:54 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Box & Whiskers Plot

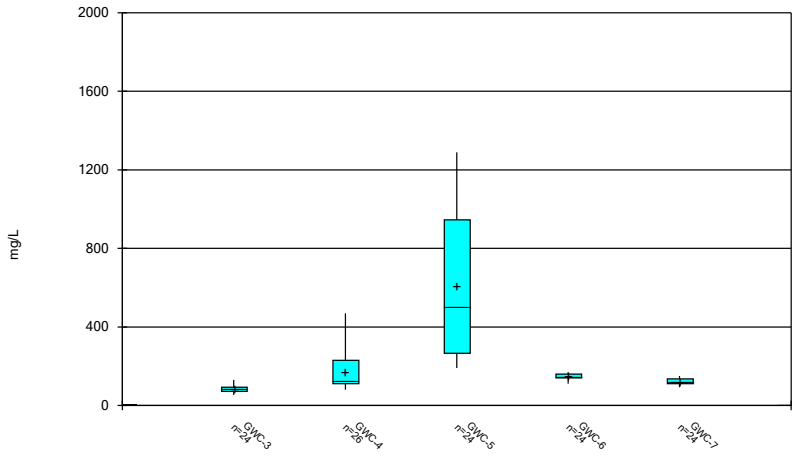


Constituent: TDS Analysis Run 6/18/2025 3:54 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Box & Whiskers Plot

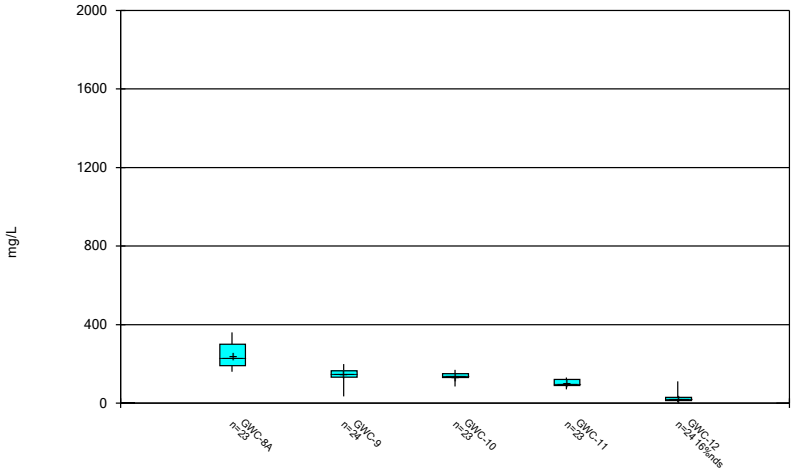


Constituent: TDS Analysis Run 6/18/2025 3:54 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot

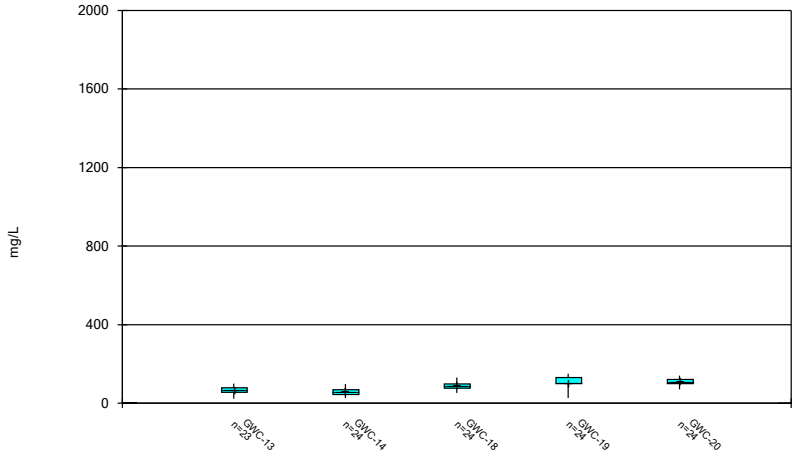


Constituent: TDS Analysis Run 6/18/2025 3:54 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot

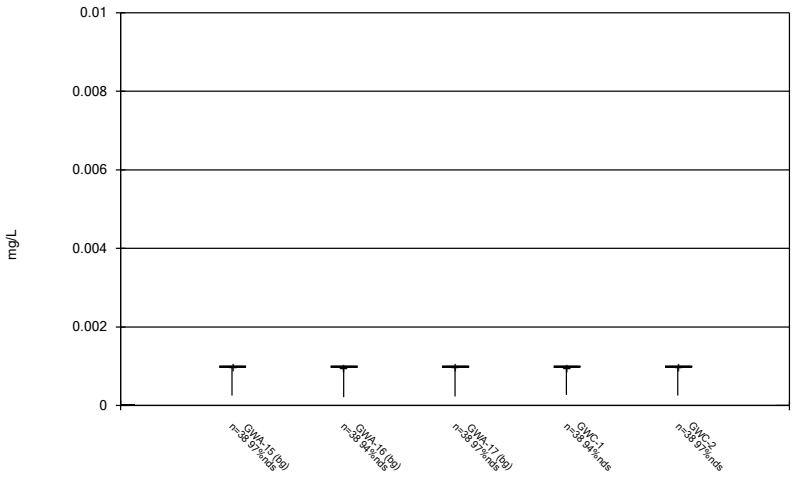


Constituent: TDS Analysis Run 6/18/2025 3:54 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

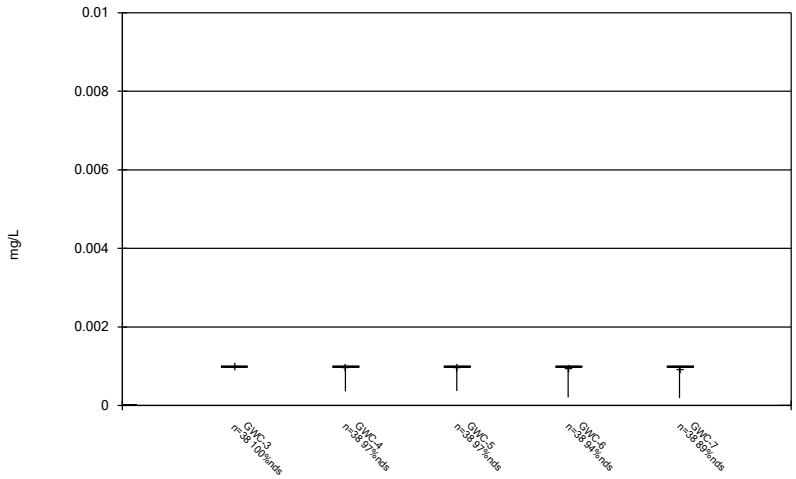
Box & Whiskers Plot



Constituent: Thallium Analysis Run 6/18/2025 3:54 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

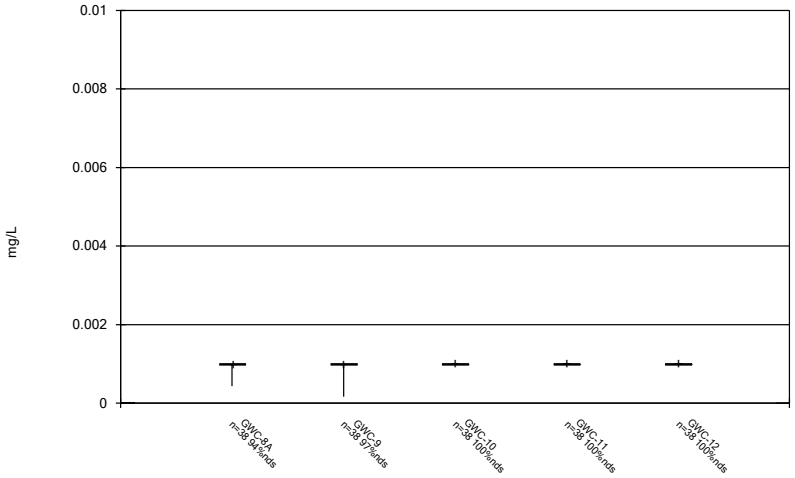
Box & Whiskers Plot



Constituent: Thallium Analysis Run 6/18/2025 3:54 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

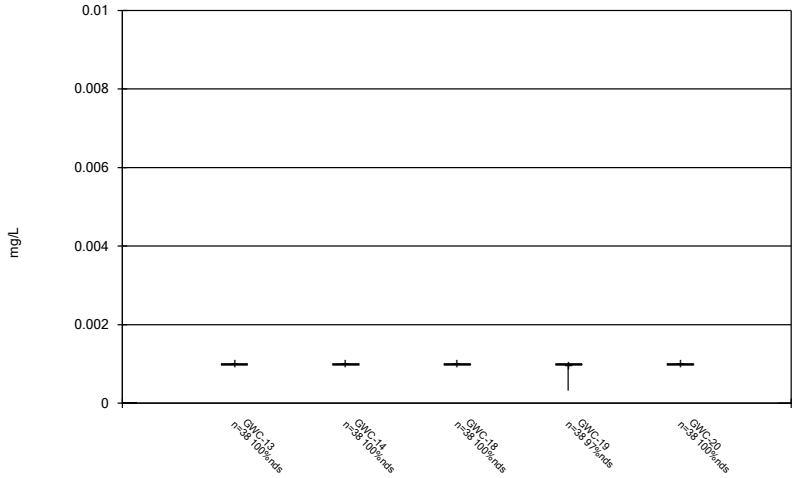
Box & Whiskers Plot



Constituent: Thallium Analysis Run 6/18/2025 3:54 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

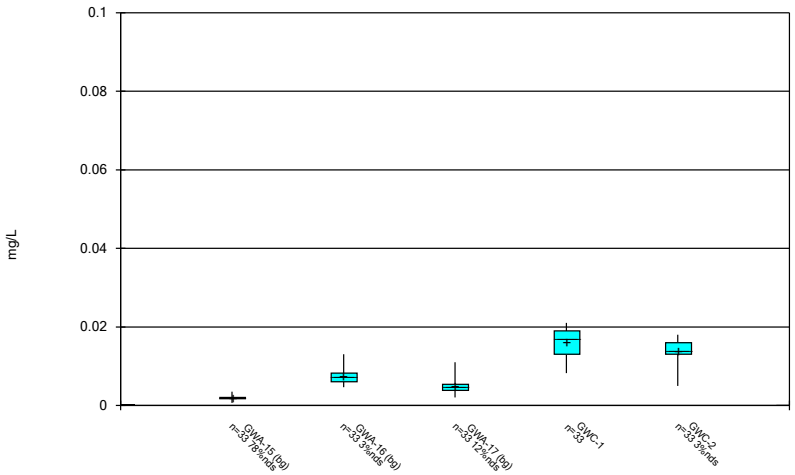
Box & Whiskers Plot



Constituent: Thallium Analysis Run 6/18/2025 3:54 PM
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot

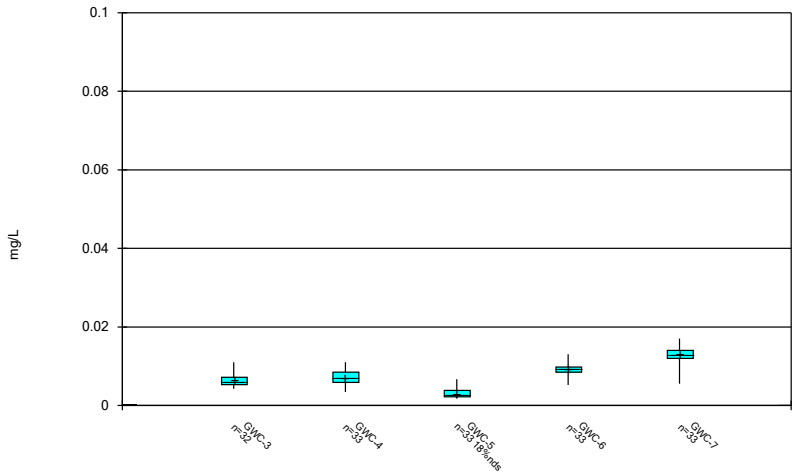


Constituent: Vanadium Analysis Run 6/18/2025 3:54 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot

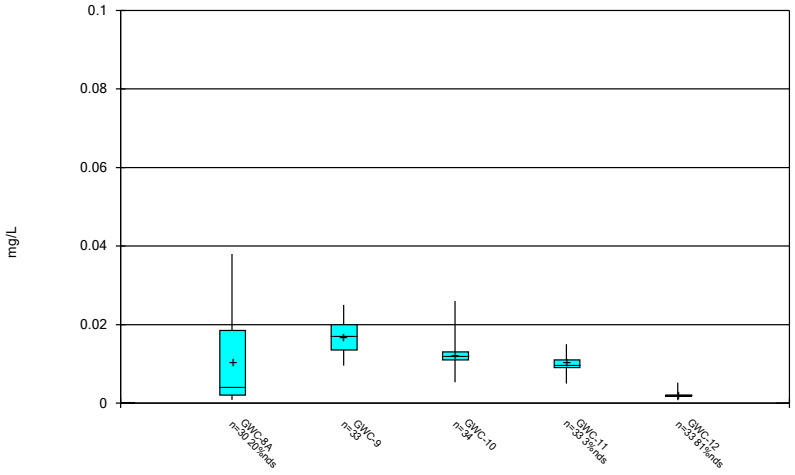


Constituent: Vanadium Analysis Run 6/18/2025 3:54 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot

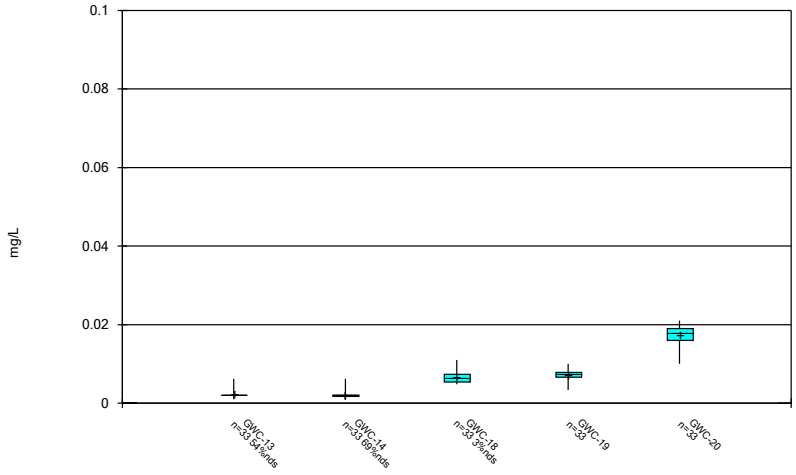


Constituent: Vanadium Analysis Run 6/18/2025 3:54 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot

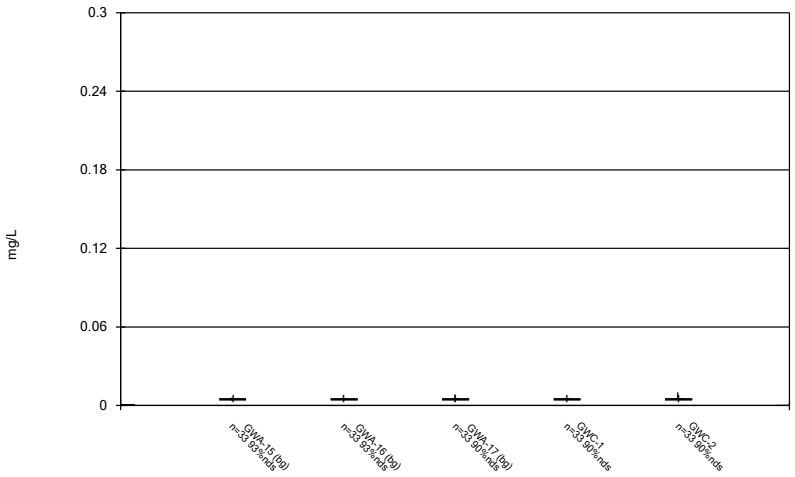


Constituent: Vanadium Analysis Run 6/18/2025 3:54 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot

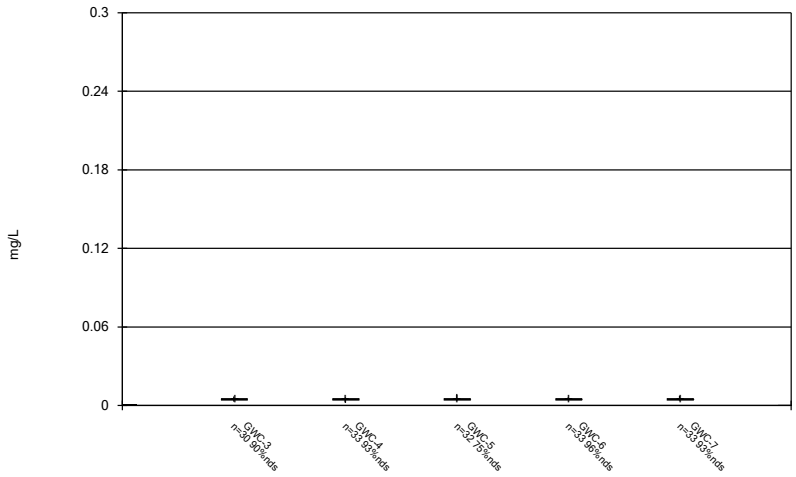


Constituent: Zinc Analysis Run 6/18/2025 3:54 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot

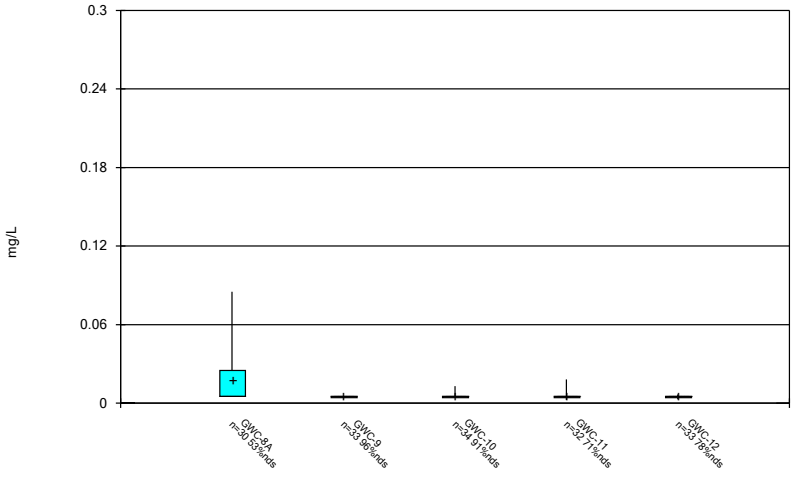


Constituent: Zinc Analysis Run 6/18/2025 3:54 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot

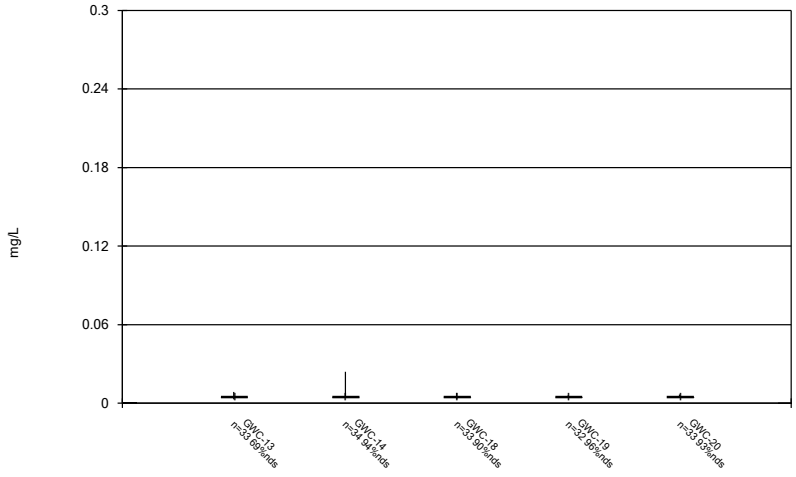


Constituent: Zinc Analysis Run 6/18/2025 3:54 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Zinc Analysis Run 6/18/2025 3:54 PM

Plant Scherer Client: Southern Company Data: Scherer Cell 1

FIGURE C.

Outlier Summary

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 4/18/2025, 11:44 AM

	GWC-3 Barium (mg/L)	GWC-14 Barium (mg/L)	GWC-5 Calcium (mg/L)	GWC-5 Chloride (mg/L)	GWC-3 Chromium (mg/L)	GWC-8A Chromium (mg/L)	GWC-10 Chromium (mg/L)	GWC-13 Chromium (mg/L)	GWA-15 Cobalt (mg/L)	GWA-16 Cobalt (mg/L)
5/11/2010	0.039 (Jo)									
6/18/2010										
7/28/2010	0.071 (JO)				0.028 (O)					
9/7/2010										
4/28/2011										
4/29/2011										0.003 (JO)
4/30/2011										
10/28/2011		0.0064 (JO)								
5/3/2012		0.0054 (JO)								
5/4/2012						0.059 (o)				
5/10/2013						0.038 (O)				
11/13/2014										
5/22/2015										
5/24/2015										
4/6/2016									0.00261 (JO)	
4/19/2016			198 (o)	124 (O)						
6/21/2016										
10/5/2016										
10/10/2016										
3/20/2018										
3/22/2018								0.028 (O)		
10/2/2018										
3/18/2020										
4/1/2021										
8/17/2021							0.042 (o)			
8/25/2022										
2/27/2023										
8/8/2023										
3/1/2024										

Outlier Summary

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 4/18/2025, 11:44 AM

	GWC-3 Cobalt (mg/L)	GWC-8A Cobalt (mg/L)	GWC-18 Cobalt (mg/L)	GWC-3 Copper (mg/L)	GWC-7 Copper (mg/L)	GWC-8A Copper (mg/L)	GWC-3 Lead (mg/L)	GWC-5 Lead (mg/L)	GWC-8A Lead (mg/L)	GWA-16 Nickel (mg/L)
5/11/2010							0.011 (O)			
6/18/2010					0.008 (JO)					
7/28/2010	0.0034 (JO)			0.012 (O)						
9/7/2010										
4/28/2011										
4/29/2011	0.0037 (JO)									
4/30/2011		0.0063 (JO)							0.011 (O)	
10/28/2011										
5/3/2012										
5/4/2012										
5/10/2013		0.0068 (JO)				0.18 (O)			0.023 (O)	
11/13/2014										
5/22/2015			0.0032 (JO)							
5/24/2015								0.0093 (JO)		
4/6/2016										
4/19/2016										
6/21/2016										
10/5/2016										
10/10/2016										
3/20/2018										0.04 (O)
3/22/2018		<0.0025 (O)								
10/2/2018										
3/18/2020										
4/1/2021										
8/17/2021										
8/25/2022										
2/27/2023										
8/8/2023										
3/1/2024										

Outlier Summary

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 4/18/2025, 11:44 AM

	GWC-1 Nickel (mg/L)	GWC-2 Nickel (mg/L)	GWC-3 Nickel (mg/L)	GWC-5 Nickel (mg/L)	GWC-7 Nickel (mg/L)	GWC-9 Nickel (mg/L)	GWC-10 Nickel (mg/L)	GWC-14 Nickel (mg/L)	GWC-18 Nickel (mg/L)	GWC-19 Nickel (mg/L)
5/11/2010		0.0033 (JO)								
6/18/2010										
7/28/2010			0.019 (O)							
9/7/2010			0.0093 (O)							
4/28/2011	0.0086 (O)									
4/29/2011										
4/30/2011										
10/28/2011										
5/3/2012										
5/4/2012										
5/10/2013			0.0081 (O)							
11/13/2014										
5/22/2015									0.0045 (JO)	0.01 (O)
5/24/2015				0.006 (O)						
4/6/2016										
4/19/2016										
6/21/2016										
10/5/2016										
10/10/2016										
3/20/2018										
3/22/2018										
10/2/2018										
3/18/2020										
4/1/2021										
8/17/2021							0.0094 (o)			
8/25/2022						0.0042 (o)				
2/27/2023					0.01 (o)					
8/8/2023										
3/1/2024								0.0081 (o)		

Outlier Summary

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 4/18/2025, 11:44 AM

	GWC-20 Nickel (mg/L)	GWC-2 pH, Field (SU)	GWC-3 pH, Field (SU)	GWC-19 pH, Field (SU)	GWC-5 Sulfate (mg/L)	GWC-13 Sulfate (mg/L)	GWC-8A TDS (mg/L)	GWC-10 TDS (mg/L)	GWC-11 TDS (mg/L)	GWC-13 TDS (mg/L)
5/11/2010										
6/18/2010										
7/28/2010										
9/7/2010										
4/28/2011										
4/29/2011										
4/30/2011										
10/28/2011										
5/3/2012										
5/4/2012										
5/10/2013										
11/13/2014										
5/22/2015	0.0063 (O)									
5/24/2015										
4/6/2016										
4/19/2016					575 (O)					
6/21/2016								214 (O)	293 (O)	195 (O)
10/5/2016			5.1 (O)	5.78 (O)						
10/10/2016							110 (O)			
3/20/2018										
3/22/2018										
10/2/2018										
3/18/2020						25 (O)				
4/1/2021		7.32 (O)								
8/17/2021										
8/25/2022										
2/27/2023										
8/8/2023							910 (o)			
3/1/2024										

Outlier Summary

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 4/18/2025, 11:44 AM

	GWC-3 Vanadium (mg/L)	GWC-8A Vanadium (mg/L)	GWC-3 Zinc (mg/L)	GWC-5 Zinc (mg/L)	GWC-8A Zinc (mg/L)	GWC-11 Zinc (mg/L)	GWC-19 Zinc (mg/L)
5/11/2010			0.018 (JO)				
6/18/2010							
7/28/2010	0.019 (O)		0.016 (JO)				
9/7/2010							
4/28/2011							
4/29/2011							
4/30/2011		0.053 (O)			0.13 (O)		
10/28/2011							
5/3/2012							
5/4/2012							
5/10/2013		0.09 (O)			0.23 (O)		
11/13/2014		0.065 (O)			0.13 (O)		
5/22/2015							
5/24/2015							
4/6/2016							
4/19/2016				0.0133 (O)			
6/21/2016							
10/5/2016			0.01 (JO)				0.0085 (JO)
10/10/2016							
3/20/2018							
3/22/2018							
10/2/2018						0.022 (O)	
3/18/2020							
4/1/2021							
8/17/2021							
8/25/2022							
2/27/2023							
8/8/2023							
3/1/2024							

Tukey's Outlier Test - Significant Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 4/16/2025, 10:57 AM

Constituent	Well	Outlier	Value(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Barium (mg/L)	GWC-3	Yes	0.039,0.071	NP	NaN	37	0.01884	0.01004	ln(x)	ShapiroWilk
Chloride (mg/L)	GWA-16 (bg)	Yes	2.1	NP	NaN	23	1.656	0.1436	ln(x)	ShapiroWilk
Chromium (mg/L)	GWC-6	Yes	0.012	NP	NaN	37	0.005195	0.001901	ln(x)	ShapiroWilk
Chromium (mg/L)	GWC-13	Yes	0.028	NP	NaN	37	0.005586	0.004026	ln(x)	ShapiroWilk
Chromium (mg/L)	GWC-18	Yes	0.018,0.02	NP	NaN	37	0.01421	0.001798	ln(x)	ShapiroWilk
Copper (mg/L)	GWC-4	Yes	0.0033,0.0037,0.0031,0.0032,0.0039,0.0011,0.0011,	NP	NaN	32	0.002166	0.0006389	ln(x)	ShapiroWilk
Lead (mg/L)	GWA-16 (bg)	Yes	0.0051,0.0039,0.00016	NP	NaN	37	0.001515	0.001076	x^(1/3)	ShapiroWilk
Lead (mg/L)	GWC-2	Yes	0.0063,0.00014	NP	NaN	37	0.001623	0.001308	ln(x)	ShapiroWilk
Lead (mg/L)	GWC-7	Yes	0.0037,0.0037,0.0064,0.0053,0.00017,0.00014	NP	NaN	37	0.001562	0.001328	x^(1/3)	ShapiroWilk
Lead (mg/L)	GWC-9	Yes	0.0043,0.0067,0.0069,0.0044	NP	NaN	37	0.001749	0.001569	ln(x)	ShapiroWilk
Lead (mg/L)	GWC-10	Yes	0.007,0.0048	NP	NaN	38	0.001548	0.001281	ln(x)	ShapiroWilk
Lead (mg/L)	GWC-11	Yes	0.0032,0.0027,0.0025,0.0051,0.0037,0.0037,0.0038,	NP	NaN	37	0.001479	0.00108	x^(1/3)	ShapiroWilk
Lead (mg/L)	GWC-19	Yes	0.0029,0.0056,0.0035,0.0047,0.0044,0.00014	NP	NaN	37	0.001512	0.001193	ln(x)	ShapiroWilk
Nickel (mg/L)	GWA-15 (bg)	Yes	0.00202,0.00043,0.00069,0.00049,0.00051,0.00065,0	NP	NaN	32	0.0009378	0.0002666	ln(x)	ShapiroWilk
Nickel (mg/L)	GWC-3	Yes	0.019,0.0093,0.0081	NP	NaN	32	0.003081	0.00338	ln(x)	ShapiroWilk
Nickel (mg/L)	GWC-5	Yes	0.006,0.00268,0.0018,0.0019,0.00039,0.00042,0.000	NP	NaN	32	0.001151	0.0009875	ln(x)	ShapiroWilk
Nickel (mg/L)	GWC-9	Yes	0.00046,0.00058,0.00045,0.0042,0.00042	NP	NaN	33	0.0009955	0.0006054	ln(x)	ShapiroWilk
Nickel (mg/L)	GWC-10	Yes	0.0012,0.0094,0.0048	NP	NaN	35	0.002612	0.001316	ln(x)	ShapiroWilk
Nickel (mg/L)	GWC-20	Yes	0.003,0.0063,0.002,0.00048,0.00056,0.00055,0.0007	NP	NaN	32	0.001182	0.001032	ln(x)	ShapiroWilk
pH, Field (SU)	GWA-16 (bg)	Yes	5.63	NP	NaN	37	6.347	0.18	x^6	ShapiroWilk
pH, Field (SU)	GWC-3	Yes	5.1	NP	NaN	43	5.935	0.2087	x^6	ShapiroWilk
pH, Field (SU)	GWC-6	Yes	5.52,5.5	NP	NaN	40	6.181	0.1892	x^6	ShapiroWilk
pH, Field (SU)	GWC-11	Yes	5.58,5.64	NP	NaN	37	6.113	0.1825	x^6	ShapiroWilk
pH, Field (SU)	GWC-13	Yes	4.93,5.1,6.21	NP	NaN	38	5.836	0.2194	x^6	ShapiroWilk
pH, Field (SU)	GWC-14	Yes	4.87,6.11	NP	NaN	38	5.576	0.2121	x^5	ShapiroWilk
pH, Field (SU)	GWC-18	Yes	5.76,5.74	NP	NaN	38	6.307	0.1667	x^6	ShapiroWilk
pH, Field (SU)	GWC-19	Yes	5.78,6.79	NP	NaN	40	6.339	0.1919	x^6	ShapiroWilk
pH, Field (SU)	GWC-20	Yes	6.05,5.94	NP	NaN	41	6.517	0.1629	x^6	ShapiroWilk
TDS (mg/L)	GWC-11	Yes	293	NP	NaN	23	109.7	42.96	ln(x)	ShapiroWilk
Vanadium (mg/L)	GWC-6	Yes	0.013	NP	NaN	32	0.009105	0.00163	normal	ShapiroWilk
Vanadium (mg/L)	GWC-10	Yes	0.0053,0.026	NP	NaN	33	0.01243	0.00317	ln(x)	ShapiroWilk

Tukey's Outlier Test - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 4/16/2025, 10:57 AM

Constituent	Well	Outlier	Value(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Antimony (mg/L)	GWA-15 (bg)	No	n/a	NP	NaN	37	0.002	0	normal	ShapiroWilk
Antimony (mg/L)	GWA-16 (bg)	n/a	n/a	NP	NaN	37	0.001973	0.0001644	unknown	ShapiroWilk
Antimony (mg/L)	GWA-17 (bg)	No	n/a	NP	NaN	37	0.002	0	normal	ShapiroWilk
Antimony (mg/L)	GWC-1	No	n/a	NP	NaN	37	0.002	0	normal	ShapiroWilk
Antimony (mg/L)	GWC-2	n/a	n/a	NP	NaN	37	0.001938	0.0002812	unknown	ShapiroWilk
Antimony (mg/L)	GWC-3	n/a	n/a	NP	NaN	37	0.001932	0.0003145	unknown	ShapiroWilk
Antimony (mg/L)	GWC-4	n/a	n/a	NP	NaN	37	0.001962	0.0002334	unknown	ShapiroWilk
Antimony (mg/L)	GWC-5	No	n/a	NP	NaN	37	0.002	0	normal	ShapiroWilk
Antimony (mg/L)	GWC-6	No	n/a	NP	NaN	37	0.002	0	normal	ShapiroWilk
Antimony (mg/L)	GWC-7	n/a	n/a	NP	NaN	37	0.001951	0.0002959	unknown	ShapiroWilk
Antimony (mg/L)	GWC-8A	No	n/a	NP	NaN	37	0.002	0	normal	ShapiroWilk
Antimony (mg/L)	GWC-9	No	n/a	NP	NaN	37	0.002	0	normal	ShapiroWilk
Antimony (mg/L)	GWC-10	No	n/a	NP	NaN	37	0.002	0	normal	ShapiroWilk
Antimony (mg/L)	GWC-11	No	n/a	NP	NaN	37	0.002	0	normal	ShapiroWilk
Antimony (mg/L)	GWC-12	n/a	n/a	NP	NaN	37	0.001963	0.0002226	unknown	ShapiroWilk
Antimony (mg/L)	GWC-13	n/a	n/a	NP	NaN	37	0.001954	0.0002795	unknown	ShapiroWilk
Antimony (mg/L)	GWC-14	No	n/a	NP	NaN	37	0.002	0	normal	ShapiroWilk
Antimony (mg/L)	GWC-18	n/a	n/a	NP	NaN	37	0.001907	0.0003939	unknown	ShapiroWilk
Antimony (mg/L)	GWC-19	n/a	n/a	NP	NaN	37	0.00195	0.0003058	unknown	ShapiroWilk
Antimony (mg/L)	GWC-20	No	n/a	NP	NaN	37	0.002	0	normal	ShapiroWilk
Barium (mg/L)	GWA-15 (bg)	No	n/a	NP	NaN	37	0.01008	0.0009257	ln(x)	ShapiroWilk
Barium (mg/L)	GWA-16 (bg)	No	n/a	NP	NaN	37	0.02586	0.003293	ln(x)	ShapiroWilk
Barium (mg/L)	GWA-17 (bg)	No	n/a	NP	NaN	37	0.03288	0.00595	ln(x)	ShapiroWilk
Barium (mg/L)	GWC-1	No	n/a	NP	NaN	37	0.04696	0.004028	ln(x)	ShapiroWilk
Barium (mg/L)	GWC-2	No	n/a	NP	NaN	37	0.04567	0.003677	x^2	ShapiroWilk
Barium (mg/L)	**GWC-3**	**Yes**	**0.039,0.071**	**NP**	**NaN**	**37**	**0.01884**	**0.01004**	**ln(x)**	**ShapiroWilk**
Barium (mg/L)	GWC-4	No	n/a	NP	NaN	38	0.04588	0.01761	ln(x)	ShapiroWilk
Barium (mg/L)	GWC-5	No	n/a	NP	NaN	37	0.04138	0.02517	ln(x)	ShapiroWilk
Barium (mg/L)	GWC-6	No	n/a	NP	NaN	37	0.05372	0.004755	ln(x)	ShapiroWilk
Barium (mg/L)	GWC-7	No	n/a	NP	NaN	37	0.03318	0.004082	ln(x)	ShapiroWilk
Barium (mg/L)	GWC-8A	No	n/a	NP	NaN	37	0.04361	0.02263	ln(x)	ShapiroWilk
Barium (mg/L)	GWC-9	No	n/a	NP	NaN	37	0.02382	0.005327	ln(x)	ShapiroWilk
Barium (mg/L)	GWC-10	No	n/a	NP	NaN	38	0.02835	0.00506	ln(x)	ShapiroWilk
Barium (mg/L)	GWC-11	No	n/a	NP	NaN	37	0.01684	0.001445	ln(x)	ShapiroWilk
Barium (mg/L)	GWC-12	No	n/a	NP	NaN	37	0.01643	0.001804	x^2	ShapiroWilk
Barium (mg/L)	GWC-13	No	n/a	NP	NaN	37	0.03275	0.006592	ln(x)	ShapiroWilk
Barium (mg/L)	GWC-14	No	n/a	NP	NaN	37	0.009692	0.001428	x^2	ShapiroWilk
Barium (mg/L)	GWC-18	No	n/a	NP	NaN	37	0.03533	0.00231	ln(x)	ShapiroWilk
Barium (mg/L)	GWC-19	No	n/a	NP	NaN	37	0.021	0.005892	ln(x)	ShapiroWilk
Barium (mg/L)	GWC-20	No	n/a	NP	NaN	37	0.03092	0.002564	ln(x)	ShapiroWilk
Beryllium (mg/L)	GWA-15 (bg)	No	n/a	NP	NaN	37	0.0025	0	normal	ShapiroWilk
Beryllium (mg/L)	GWA-16 (bg)	No	n/a	NP	NaN	37	0.0025	0	normal	ShapiroWilk
Beryllium (mg/L)	GWA-17 (bg)	n/a	n/a	NP	NaN	37	0.002489	0.00006576	unknown	ShapiroWilk
Beryllium (mg/L)	GWC-1	No	n/a	NP	NaN	37	0.0025	0	normal	ShapiroWilk
Beryllium (mg/L)	GWC-2	No	n/a	NP	NaN	37	0.0025	0	normal	ShapiroWilk
Beryllium (mg/L)	GWC-3	n/a	n/a	NP	NaN	37	0.002434	0.0004015	unknown	ShapiroWilk
Beryllium (mg/L)	GWC-4	n/a	n/a	NP	NaN	37	0.002433	0.0004072	unknown	ShapiroWilk
Beryllium (mg/L)	GWC-5	n/a	n/a	NP	NaN	37	0.002438	0.0003748	unknown	ShapiroWilk
Beryllium (mg/L)	GWC-6	n/a	n/a	NP	NaN	37	0.002433	0.0004057	unknown	ShapiroWilk
Beryllium (mg/L)	GWC-7	n/a	n/a	NP	NaN	37	0.002437	0.0003814	unknown	ShapiroWilk
Beryllium (mg/L)	GWC-8A	n/a	n/a	NP	NaN	37	0.002443	0.0003485	unknown	ShapiroWilk
Beryllium (mg/L)	GWC-9	No	n/a	NP	NaN	37	0.0025	0	normal	ShapiroWilk
Beryllium (mg/L)	GWC-10	No	n/a	NP	NaN	37	0.0025	0	normal	ShapiroWilk
Beryllium (mg/L)	GWC-11	No	n/a	NP	NaN	37	0.0025	0	normal	ShapiroWilk
Beryllium (mg/L)	GWC-12	No	n/a	NP	NaN	37	0.0025	0	normal	ShapiroWilk

Tukey's Outlier Test - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 4/16/2025, 10:57 AM

Constituent	Well	Outlier	Value(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Beryllium (mg/L)	GWC-13	No	n/a	NP	NaN	37	0.0025	0	normal	ShapiroWilk
Beryllium (mg/L)	GWC-14	No	n/a	NP	NaN	37	0.0025	0	normal	ShapiroWilk
Beryllium (mg/L)	GWC-18	No	n/a	NP	NaN	37	0.0025	0	normal	ShapiroWilk
Beryllium (mg/L)	GWC-19	No	n/a	NP	NaN	37	0.0025	0	normal	ShapiroWilk
Beryllium (mg/L)	GWC-20	No	n/a	NP	NaN	37	0.0025	0	normal	ShapiroWilk
Boron (mg/L)	GWA-15 (bg)	n/a	n/a	NP	NaN	23	0.07448	0.01872	unknown	ShapiroWilk
Boron (mg/L)	GWA-16 (bg)	No	n/a	NP	NaN	23	0.08	0	normal	ShapiroWilk
Boron (mg/L)	GWA-17 (bg)	n/a	n/a	NP	NaN	23	0.07664	0.0161	unknown	ShapiroWilk
Boron (mg/L)	GWC-1	n/a	n/a	NP	NaN	23	0.07554	0.0165	unknown	ShapiroWilk
Boron (mg/L)	GWC-2	n/a	n/a	NP	NaN	23	0.07419	0.01947	unknown	ShapiroWilk
Boron (mg/L)	GWC-3	n/a	n/a	NP	NaN	23	0.0765	0.01635	unknown	ShapiroWilk
Boron (mg/L)	GWC-4	n/a	n/a	NP	NaN	24	0.07644	0.02241	unknown	ShapiroWilk
Boron (mg/L)	GWC-5	No	n/a	NP	NaN	23	0.2856	0.1197	normal	ShapiroWilk
Boron (mg/L)	GWC-6	n/a	n/a	NP	NaN	24	0.07767	0.00901	unknown	ShapiroWilk
Boron (mg/L)	GWC-7	n/a	n/a	NP	NaN	23	0.07556	0.01682	unknown	ShapiroWilk
Boron (mg/L)	GWC-8A	No	n/a	NP	NaN	23	0.1811	0.0471	ln(x)	ShapiroWilk
Boron (mg/L)	GWC-9	No	n/a	NP	NaN	23	0.08873	0.01896	x^(1/3)	ShapiroWilk
Boron (mg/L)	GWC-10	n/a	n/a	NP	NaN	24	0.07895	0.01688	unknown	ShapiroWilk
Boron (mg/L)	GWC-11	n/a	n/a	NP	NaN	23	0.07675	0.01558	unknown	ShapiroWilk
Boron (mg/L)	GWC-12	n/a	n/a	NP	NaN	23	0.07452	0.01829	unknown	ShapiroWilk
Boron (mg/L)	GWC-13	n/a	n/a	NP	NaN	23	0.07575	0.01596	unknown	ShapiroWilk
Boron (mg/L)	GWC-14	n/a	n/a	NP	NaN	23	0.07702	0.01428	unknown	ShapiroWilk
Boron (mg/L)	GWC-18	n/a	n/a	NP	NaN	23	0.07663	0.01618	unknown	ShapiroWilk
Boron (mg/L)	GWC-19	n/a	n/a	NP	NaN	23	0.07663	0.01614	unknown	ShapiroWilk
Boron (mg/L)	GWC-20	n/a	n/a	NP	NaN	24	0.07613	0.02118	unknown	ShapiroWilk
Cadmium (mg/L)	GWA-15 (bg)	No	n/a	NP	NaN	37	0.0025	0	normal	ShapiroWilk
Cadmium (mg/L)	GWA-16 (bg)	No	n/a	NP	NaN	37	0.0025	0	normal	ShapiroWilk
Cadmium (mg/L)	GWA-17 (bg)	n/a	n/a	NP	NaN	37	0.002436	0.0003896	unknown	ShapiroWilk
Cadmium (mg/L)	GWC-1	No	n/a	NP	NaN	37	0.0025	0	normal	ShapiroWilk
Cadmium (mg/L)	GWC-2	n/a	n/a	NP	NaN	37	0.002443	0.0003485	unknown	ShapiroWilk
Cadmium (mg/L)	GWC-3	No	n/a	NP	NaN	37	0.0025	0	normal	ShapiroWilk
Cadmium (mg/L)	GWC-4	No	n/a	NP	NaN	37	0.0025	0	normal	ShapiroWilk
Cadmium (mg/L)	GWC-5	No	n/a	NP	NaN	37	0.0025	0	normal	ShapiroWilk
Cadmium (mg/L)	GWC-6	No	n/a	NP	NaN	37	0.0025	0	normal	ShapiroWilk
Cadmium (mg/L)	GWC-7	No	n/a	NP	NaN	37	0.0025	0	normal	ShapiroWilk
Cadmium (mg/L)	GWC-8A	n/a	n/a	NP	NaN	37	0.002153	0.000705	unknown	ShapiroWilk
Cadmium (mg/L)	GWC-9	No	n/a	NP	NaN	37	0.0025	0	normal	ShapiroWilk
Cadmium (mg/L)	GWC-10	No	n/a	NP	NaN	37	0.0025	0	normal	ShapiroWilk
Cadmium (mg/L)	GWC-11	n/a	n/a	NP	NaN	37	0.002459	0.0002466	unknown	ShapiroWilk
Cadmium (mg/L)	GWC-12	No	n/a	NP	NaN	37	0.0025	0	normal	ShapiroWilk
Cadmium (mg/L)	GWC-13	No	n/a	NP	NaN	37	0.0025	0	normal	ShapiroWilk
Cadmium (mg/L)	GWC-14	No	n/a	NP	NaN	37	0.0025	0	normal	ShapiroWilk
Cadmium (mg/L)	GWC-18	No	n/a	NP	NaN	37	0.0025	0	normal	ShapiroWilk
Cadmium (mg/L)	GWC-19	No	n/a	NP	NaN	37	0.0025	0	normal	ShapiroWilk
Cadmium (mg/L)	GWC-20	No	n/a	NP	NaN	37	0.0025	0	normal	ShapiroWilk
Calcium (mg/L)	GWA-15 (bg)	No	n/a	NP	NaN	23	4.201	0.4501	ln(x)	ShapiroWilk
Calcium (mg/L)	GWA-16 (bg)	No	n/a	NP	NaN	23	12	1.415	ln(x)	ShapiroWilk
Calcium (mg/L)	GWA-17 (bg)	No	n/a	NP	NaN	23	7.203	1.099	normal	ShapiroWilk
Calcium (mg/L)	GWC-1	No	n/a	NP	NaN	23	17.34	1.209	x^(1/3)	ShapiroWilk
Calcium (mg/L)	GWC-2	No	n/a	NP	NaN	23	17.47	1.174	x^2	ShapiroWilk
Calcium (mg/L)	GWC-3	No	n/a	NP	NaN	23	7.67	1.362	x^(1/3)	ShapiroWilk
Calcium (mg/L)	GWC-4	No	n/a	NP	NaN	24	15.75	5.98	ln(x)	ShapiroWilk
Calcium (mg/L)	GWC-5	No	n/a	NP	NaN	23	82.26	49.49	x^(1/3)	ShapiroWilk
Calcium (mg/L)	GWC-6	No	n/a	NP	NaN	24	17.3	1.753	normal	ShapiroWilk
Calcium (mg/L)	GWC-7	No	n/a	NP	NaN	24	14.66	1.279	ln(x)	ShapiroWilk

Tukey's Outlier Test - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 4/16/2025, 10:57 AM

Constituent	Well	Outlier	Value(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Calcium (mg/L)	GWC-8A	No	n/a	NP	NaN	23	37.83	13.83	x^(1/3)	ShapiroWilk
Calcium (mg/L)	GWC-9	No	n/a	NP	NaN	25	17.91	1.984	ln(x)	ShapiroWilk
Calcium (mg/L)	GWC-10	No	n/a	NP	NaN	23	17.52	1.888	sqrt(x)	ShapiroWilk
Calcium (mg/L)	GWC-11	No	n/a	NP	NaN	23	12.93	0.9017	normal	ShapiroWilk
Calcium (mg/L)	GWC-12	No	n/a	NP	NaN	23	1.11	0.1658	ln(x)	ShapiroWilk
Calcium (mg/L)	GWC-13	No	n/a	NP	NaN	23	6.802	0.9074	ln(x)	ShapiroWilk
Calcium (mg/L)	GWC-14	No	n/a	NP	NaN	23	6.673	0.6347	ln(x)	ShapiroWilk
Calcium (mg/L)	GWC-18	No	n/a	NP	NaN	23	10.43	0.6471	x^(1/3)	ShapiroWilk
Calcium (mg/L)	GWC-19	No	n/a	NP	NaN	25	13.92	3.488	ln(x)	ShapiroWilk
Calcium (mg/L)	GWC-20	No	n/a	NP	NaN	23	14.07	1.448	ln(x)	ShapiroWilk
Chloride (mg/L)	GWA-15 (bg)	No	n/a	NP	NaN	23	5.797	0.6519	ln(x)	ShapiroWilk
Chloride (mg/L)	**GWA-16 (bg)**	**Yes**	**2.1**	**NP**	**NaN**	**23**	**1.656**	**0.1436**	**ln(x)**	**ShapiroWilk**
Chloride (mg/L)	GWA-17 (bg)	No	n/a	NP	NaN	23	1.508	0.1876	ln(x)	ShapiroWilk
Chloride (mg/L)	GWC-1	No	n/a	NP	NaN	23	3.844	0.3272	x^4	ShapiroWilk
Chloride (mg/L)	GWC-2	No	n/a	NP	NaN	23	2.18	0.2078	normal	ShapiroWilk
Chloride (mg/L)	GWC-3	No	n/a	NP	NaN	23	3.119	0.2958	x^3	ShapiroWilk
Chloride (mg/L)	GWC-4	No	n/a	NP	NaN	25	11.1	6.573	x^(1/3)	ShapiroWilk
Chloride (mg/L)	GWC-5	No	n/a	NP	NaN	23	46.79	35.47	sqrt(x)	ShapiroWilk
Chloride (mg/L)	GWC-6	No	n/a	NP	NaN	23	6.047	0.9174	x^2	ShapiroWilk
Chloride (mg/L)	GWC-7	No	n/a	NP	NaN	23	2.425	1.007	ln(x)	ShapiroWilk
Chloride (mg/L)	GWC-8A	No	n/a	NP	NaN	23	7.752	1.069	ln(x)	ShapiroWilk
Chloride (mg/L)	GWC-9	No	n/a	NP	NaN	23	3.815	0.5757	ln(x)	ShapiroWilk
Chloride (mg/L)	GWC-10	No	n/a	NP	NaN	23	3.202	1.137	ln(x)	ShapiroWilk
Chloride (mg/L)	GWC-11	No	n/a	NP	NaN	23	1.799	0.1415	ln(x)	ShapiroWilk
Chloride (mg/L)	GWC-12	No	n/a	NP	NaN	23	1.813	0.1792	ln(x)	ShapiroWilk
Chloride (mg/L)	GWC-13	No	n/a	NP	NaN	23	1.557	0.1547	ln(x)	ShapiroWilk
Chloride (mg/L)	GWC-14	No	n/a	NP	NaN	23	3.196	0.5368	ln(x)	ShapiroWilk
Chloride (mg/L)	GWC-18	No	n/a	NP	NaN	23	2.623	0.2145	ln(x)	ShapiroWilk
Chloride (mg/L)	GWC-19	No	n/a	NP	NaN	23	2.097	0.4799	ln(x)	ShapiroWilk
Chloride (mg/L)	GWC-20	No	n/a	NP	NaN	23	1.984	0.3714	x^4	ShapiroWilk
Chromium (mg/L)	GWA-15 (bg)	n/a	n/a	NP	NaN	37	0.002005	0.0003935	unknown	ShapiroWilk
Chromium (mg/L)	GWA-16 (bg)	No	n/a	NP	NaN	37	0.005088	0.00122	sqrt(x)	ShapiroWilk
Chromium (mg/L)	GWA-17 (bg)	No	n/a	NP	NaN	37	0.007284	0.001716	normal	ShapiroWilk
Chromium (mg/L)	GWC-1	No	n/a	NP	NaN	37	0.01236	0.003018	x^2	ShapiroWilk
Chromium (mg/L)	GWC-2	No	n/a	NP	NaN	37	0.009905	0.002136	x^3	ShapiroWilk
Chromium (mg/L)	GWC-3	No	n/a	NP	NaN	37	0.01057	0.004521	ln(x)	ShapiroWilk
Chromium (mg/L)	GWC-4	No	n/a	NP	NaN	37	0.005713	0.001734	ln(x)	ShapiroWilk
Chromium (mg/L)	GWC-5	No	n/a	NP	NaN	37	0.004808	0.002092	ln(x)	ShapiroWilk
Chromium (mg/L)	**GWC-6**	**Yes**	**0.012**	**NP**	**NaN**	**37**	**0.005195**	**0.001901**	**ln(x)**	**ShapiroWilk**
Chromium (mg/L)	GWC-7	No	n/a	NP	NaN	38	0.01052	0.003053	ln(x)	ShapiroWilk
Chromium (mg/L)	GWC-8A	No	n/a	NP	NaN	37	0.008219	0.0116	ln(x)	ShapiroWilk
Chromium (mg/L)	GWC-9	No	n/a	NP	NaN	37	0.007694	0.002034	normal	ShapiroWilk
Chromium (mg/L)	GWC-10	No	n/a	NP	NaN	38	0.01638	0.005691	ln(x)	ShapiroWilk
Chromium (mg/L)	GWC-11	No	n/a	NP	NaN	37	0.008439	0.001447	ln(x)	ShapiroWilk
Chromium (mg/L)	GWC-12	No	n/a	NP	NaN	37	0.001914	0.0005018	ln(x)	ShapiroWilk
Chromium (mg/L)	**GWC-13**	**Yes**	**0.028**	**NP**	**NaN**	**37**	**0.005586**	**0.004026**	**ln(x)**	**ShapiroWilk**
Chromium (mg/L)	GWC-14	n/a	n/a	NP	NaN	37	0.002054	0.0004634	unknown	ShapiroWilk
Chromium (mg/L)	**GWC-18**	**Yes**	**0.018,0.02**	**NP**	**NaN**	**37**	**0.01421**	**0.001798**	**ln(x)**	**ShapiroWilk**
Chromium (mg/L)	GWC-19	No	n/a	NP	NaN	37	0.00998	0.002962	normal	ShapiroWilk
Chromium (mg/L)	GWC-20	No	n/a	NP	NaN	37	0.009015	0.001833	ln(x)	ShapiroWilk
Cobalt (mg/L)	GWA-15 (bg)	No	n/a	NP	NaN	37	0.001922	0.0007248	normal	ShapiroWilk
Cobalt (mg/L)	GWA-16 (bg)	n/a	n/a	NP	NaN	37	0.002265	0.0007337	unknown	ShapiroWilk
Cobalt (mg/L)	GWA-17 (bg)	n/a	n/a	NP	NaN	37	0.002319	0.0006209	unknown	ShapiroWilk
Cobalt (mg/L)	GWC-1	n/a	n/a	NP	NaN	37	0.002309	0.0006518	unknown	ShapiroWilk
Cobalt (mg/L)	GWC-2	n/a	n/a	NP	NaN	37	0.002307	0.0006589	unknown	ShapiroWilk

Tukey's Outlier Test - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 4/16/2025, 10:57 AM

Constituent	Well	Outlier	Value(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Cobalt (mg/L)	GWC-3	No	n/a	NP	NaN	37	0.001969	0.001045	x^2	ShapiroWilk
Cobalt (mg/L)	GWC-4	n/a	n/a	NP	NaN	37	0.002165	0.0007819	unknown	ShapiroWilk
Cobalt (mg/L)	GWC-5	n/a	n/a	NP	NaN	37	0.002435	0.0003947	unknown	ShapiroWilk
Cobalt (mg/L)	GWC-6	n/a	n/a	NP	NaN	37	0.002305	0.0006673	unknown	ShapiroWilk
Cobalt (mg/L)	GWC-7	n/a	n/a	NP	NaN	37	0.002187	0.0008046	unknown	ShapiroWilk
Cobalt (mg/L)	GWC-8A	No	n/a	NP	NaN	37	0.002481	0.00146	x^(1/3)	ShapiroWilk
Cobalt (mg/L)	GWC-9	n/a	n/a	NP	NaN	37	0.002195	0.0007852	unknown	ShapiroWilk
Cobalt (mg/L)	GWC-10	n/a	n/a	NP	NaN	38	0.002526	0.0001622	unknown	ShapiroWilk
Cobalt (mg/L)	GWC-11	n/a	n/a	NP	NaN	37	0.002441	0.0003567	unknown	ShapiroWilk
Cobalt (mg/L)	GWC-12	No	n/a	NP	NaN	37	0.001633	0.001066	ln(x)	ShapiroWilk
Cobalt (mg/L)	GWC-13	No	n/a	NP	NaN	37	0.0025	0	normal	ShapiroWilk
Cobalt (mg/L)	GWC-14	No	n/a	NP	NaN	37	0.0025	0	normal	ShapiroWilk
Cobalt (mg/L)	GWC-18	n/a	n/a	NP	NaN	37	0.002204	0.0008241	unknown	ShapiroWilk
Cobalt (mg/L)	GWC-19	n/a	n/a	NP	NaN	37	0.002309	0.0006506	unknown	ShapiroWilk
Cobalt (mg/L)	GWC-20	n/a	n/a	NP	NaN	37	0.002196	0.00078	unknown	ShapiroWilk
Copper (mg/L)	GWA-15 (bg)	No	n/a	NP	NaN	32	0.002	0	normal	ShapiroWilk
Copper (mg/L)	GWA-16 (bg)	n/a	n/a	NP	NaN	32	0.001928	0.0002853	unknown	ShapiroWilk
Copper (mg/L)	GWA-17 (bg)	n/a	n/a	NP	NaN	32	0.001975	0.0001414	unknown	ShapiroWilk
Copper (mg/L)	GWC-1	n/a	n/a	NP	NaN	32	0.00195	0.0001984	unknown	ShapiroWilk
Copper (mg/L)	GWC-2	n/a	n/a	NP	NaN	32	0.001899	0.0003296	unknown	ShapiroWilk
Copper (mg/L)	GWC-3	n/a	n/a	NP	NaN	32	0.002281	0.00187	unknown	ShapiroWilk
Copper (mg/L)	**GWC-4**	**Yes**	**0.0033,0.0037,0.0031,0.0032,0.0039,0.0011,0.0011,**	**NP**	**NaN**	**32**	**0.002166**	**0.0006389**	**ln(x)**	**ShapiroWilk**
Copper (mg/L)	GWC-5	No	n/a	NP	NaN	32	0.002	0	normal	ShapiroWilk
Copper (mg/L)	GWC-6	n/a	n/a	NP	NaN	32	0.002058	0.0004306	unknown	ShapiroWilk
Copper (mg/L)	GWC-7	n/a	n/a	NP	NaN	32	0.002166	0.001109	unknown	ShapiroWilk
Copper (mg/L)	GWC-8A	No	n/a	NP	NaN	32	0.02279	0.03966	ln(x)	ShapiroWilk
Copper (mg/L)	GWC-9	n/a	n/a	NP	NaN	32	0.002034	0.0003534	unknown	ShapiroWilk
Copper (mg/L)	GWC-10	n/a	n/a	NP	NaN	33	0.0021	0.0005745	unknown	ShapiroWilk
Copper (mg/L)	GWC-11	n/a	n/a	NP	NaN	32	0.001963	0.0002311	unknown	ShapiroWilk
Copper (mg/L)	GWC-12	No	n/a	NP	NaN	32	0.002	0	normal	ShapiroWilk
Copper (mg/L)	GWC-13	n/a	n/a	NP	NaN	32	0.002013	0.00007071	unknown	ShapiroWilk
Copper (mg/L)	GWC-14	n/a	n/a	NP	NaN	32	0.002003	0.00001768	unknown	ShapiroWilk
Copper (mg/L)	GWC-18	n/a	n/a	NP	NaN	32	0.001924	0.0003435	unknown	ShapiroWilk
Copper (mg/L)	GWC-19	No	n/a	NP	NaN	31	0.002	0	normal	ShapiroWilk
Copper (mg/L)	GWC-20	n/a	n/a	NP	NaN	31	0.002003	0.00001796	unknown	ShapiroWilk
Fluoride (mg/L)	GWA-15 (bg)	n/a	n/a	NP	NaN	23	0.01739	0.01728	unknown	ShapiroWilk
Fluoride (mg/L)	GWA-16 (bg)	No	n/a	NP	NaN	23	0.03065	0.0254	normal	ShapiroWilk
Fluoride (mg/L)	GWA-17 (bg)	No	n/a	NP	NaN	23	0.03104	0.02482	normal	ShapiroWilk
Fluoride (mg/L)	GWC-1	No	n/a	NP	NaN	25	0.06684	0.03805	x^2	ShapiroWilk
Fluoride (mg/L)	GWC-2	No	n/a	NP	NaN	23	0.03161	0.02244	x^2	ShapiroWilk
Fluoride (mg/L)	GWC-3	No	n/a	NP	NaN	23	0.0413	0.03091	normal	ShapiroWilk
Fluoride (mg/L)	GWC-4	No	n/a	NP	NaN	23	0.08848	0.03518	x^2	ShapiroWilk
Fluoride (mg/L)	GWC-5	No	n/a	NP	NaN	24	0.03154	0.03339	ln(x)	ShapiroWilk
Fluoride (mg/L)	GWC-6	No	n/a	NP	NaN	23	0.0393	0.03142	normal	ShapiroWilk
Fluoride (mg/L)	GWC-7	No	n/a	NP	NaN	23	0.03874	0.03211	normal	ShapiroWilk
Fluoride (mg/L)	GWC-8A	No	n/a	NP	NaN	23	0.08952	0.04719	normal	ShapiroWilk
Fluoride (mg/L)	GWC-9	No	n/a	NP	NaN	23	0.04904	0.03454	x^2	ShapiroWilk
Fluoride (mg/L)	GWC-10	No	n/a	NP	NaN	23	0.04478	0.03451	x^2	ShapiroWilk
Fluoride (mg/L)	GWC-11	No	n/a	NP	NaN	23	0.03113	0.02387	x^2	ShapiroWilk
Fluoride (mg/L)	GWC-12	No	n/a	NP	NaN	23	0.016	0.01101	normal	ShapiroWilk
Fluoride (mg/L)	GWC-13	No	n/a	NP	NaN	23	0.02565	0.01956	normal	ShapiroWilk
Fluoride (mg/L)	GWC-14	No	n/a	NP	NaN	23	0.02148	0.01952	sqrt(x)	ShapiroWilk
Fluoride (mg/L)	GWC-18	No	n/a	NP	NaN	23	0.03013	0.02816	sqrt(x)	ShapiroWilk
Fluoride (mg/L)	GWC-19	No	n/a	NP	NaN	23	0.02491	0.02053	sqrt(x)	ShapiroWilk
Fluoride (mg/L)	GWC-20	No	n/a	NP	NaN	23	0.02661	0.02309	normal	ShapiroWilk

Tukey's Outlier Test - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 4/16/2025, 10:57 AM

Constituent	Well	Outlier	Value(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Lead (mg/L)	GWA-15 (bg)	No	n/a	NP	NaN	37	0.001	0	normal	ShapiroWilk
Lead (mg/L)	**GWA-16 (bg)**	**Yes**	**0.0051,0.0039,0.00016**	**NP**	**NaN**	**37**	**0.001515**	**0.001076**	**x^(1/3)**	**ShapiroWilk**
Lead (mg/L)	GWA-17 (bg)	n/a	n/a	NP	NaN	37	0.001246	0.0006743	unknown	ShapiroWilk
Lead (mg/L)	GWC-1	n/a	n/a	NP	NaN	37	0.001645	0.001609	unknown	ShapiroWilk
Lead (mg/L)	**GWC-2**	**Yes**	**0.0063,0.00014**	**NP**	**NaN**	**37**	**0.001623**	**0.001308**	**ln(x)**	**ShapiroWilk**
Lead (mg/L)	GWC-3	n/a	n/a	NP	NaN	37	0.001676	0.001928	unknown	ShapiroWilk
Lead (mg/L)	GWC-4	n/a	n/a	NP	NaN	37	0.001573	0.001316	unknown	ShapiroWilk
Lead (mg/L)	GWC-5	n/a	n/a	NP	NaN	37	0.001678	0.001871	unknown	ShapiroWilk
Lead (mg/L)	GWC-6	n/a	n/a	NP	NaN	37	0.001638	0.001449	unknown	ShapiroWilk
Lead (mg/L)	**GWC-7**	**Yes**	**0.0037,0.0037,0.0064,0.0053,0.00017,0.00014**	**NP**	**NaN**	**37**	**0.001562**	**0.001328**	**x^(1/3)**	**ShapiroWilk**
Lead (mg/L)	GWC-8A	No	n/a	NP	NaN	37	0.002909	0.004401	ln(x)	ShapiroWilk
Lead (mg/L)	**GWC-9**	**Yes**	**0.0043,0.0067,0.0069,0.0044**	**NP**	**NaN**	**37**	**0.001749**	**0.001569**	**ln(x)**	**ShapiroWilk**
Lead (mg/L)	**GWC-10**	**Yes**	**0.007,0.0048**	**NP**	**NaN**	**38**	**0.001548**	**0.001281**	**ln(x)**	**ShapiroWilk**
Lead (mg/L)	**GWC-11**	**Yes**	**0.0032,0.0027,0.0025,0.0051,0.0037,0.0037,0.0038,**	**NP**	**NaN**	**37**	**0.001479**	**0.00108**	**x^(1/3)**	**ShapiroWilk**
Lead (mg/L)	GWC-12	No	n/a	NP	NaN	37	0.001	0	normal	ShapiroWilk
Lead (mg/L)	GWC-13	n/a	n/a	NP	NaN	37	0.001089	0.0004662	unknown	ShapiroWilk
Lead (mg/L)	GWC-14	n/a	n/a	NP	NaN	37	0.001086	0.0003698	unknown	ShapiroWilk
Lead (mg/L)	GWC-18	n/a	n/a	NP	NaN	37	0.001376	0.000898	unknown	ShapiroWilk
Lead (mg/L)	**GWC-19**	**Yes**	**0.0029,0.0056,0.0035,0.0047,0.0044,0.00014**	**NP**	**NaN**	**37**	**0.001512**	**0.001193**	**ln(x)**	**ShapiroWilk**
Lead (mg/L)	GWC-20	n/a	n/a	NP	NaN	37	0.001524	0.001131	unknown	ShapiroWilk
Mercury (mg/L)	GWA-15 (bg)	n/a	n/a	NP	NaN	37	0.0001885	0.00003482	unknown	ShapiroWilk
Mercury (mg/L)	GWA-16 (bg)	n/a	n/a	NP	NaN	37	0.0001896	0.00003173	unknown	ShapiroWilk
Mercury (mg/L)	GWA-17 (bg)	n/a	n/a	NP	NaN	37	0.0001851	0.00003606	unknown	ShapiroWilk
Mercury (mg/L)	GWC-1	n/a	n/a	NP	NaN	37	0.0001862	0.00003658	unknown	ShapiroWilk
Mercury (mg/L)	GWC-2	n/a	n/a	NP	NaN	37	0.0001904	0.00002834	unknown	ShapiroWilk
Mercury (mg/L)	GWC-3	n/a	n/a	NP	NaN	37	0.0001929	0.00002074	unknown	ShapiroWilk
Mercury (mg/L)	GWC-4	n/a	n/a	NP	NaN	37	0.0001941	0.00002047	unknown	ShapiroWilk
Mercury (mg/L)	GWC-5	n/a	n/a	NP	NaN	37	0.0001945	0.00002044	unknown	ShapiroWilk
Mercury (mg/L)	GWC-6	n/a	n/a	NP	NaN	37	0.000191	0.00002445	unknown	ShapiroWilk
Mercury (mg/L)	GWC-7	n/a	n/a	NP	NaN	37	0.0001887	0.00003127	unknown	ShapiroWilk
Mercury (mg/L)	GWC-8A	n/a	n/a	NP	NaN	37	0.0001875	0.00003206	unknown	ShapiroWilk
Mercury (mg/L)	GWC-9	n/a	n/a	NP	NaN	37	0.0001954	0.00002061	unknown	ShapiroWilk
Mercury (mg/L)	GWC-10	n/a	n/a	NP	NaN	37	0.0001896	0.0000314	unknown	ShapiroWilk
Mercury (mg/L)	GWC-11	n/a	n/a	NP	NaN	37	0.0001965	0.00001356	unknown	ShapiroWilk
Mercury (mg/L)	GWC-12	n/a	n/a	NP	NaN	37	0.0001983	0.00001019	unknown	ShapiroWilk
Mercury (mg/L)	GWC-13	n/a	n/a	NP	NaN	37	0.000188	0.00003178	unknown	ShapiroWilk
Mercury (mg/L)	GWC-14	n/a	n/a	NP	NaN	37	0.0001944	0.00002081	unknown	ShapiroWilk
Mercury (mg/L)	GWC-18	n/a	n/a	NP	NaN	37	0.0001926	0.00002607	unknown	ShapiroWilk
Mercury (mg/L)	GWC-19	n/a	n/a	NP	NaN	37	0.0001898	0.00003081	unknown	ShapiroWilk
Mercury (mg/L)	GWC-20	n/a	n/a	NP	NaN	37	0.0001857	0.00003481	unknown	ShapiroWilk
Nickel (mg/L)	**GWA-15 (bg)**	**Yes**	**0.00202,0.00043,0.00069,0.00049,0.00051,0.00065,0**	**NP**	**NaN**	**32**	**0.0009378**	**0.0002666**	**ln(x)**	**ShapiroWilk**
Nickel (mg/L)	GWA-16 (bg)	n/a	n/a	NP	NaN	32	0.002199	0.006899	unknown	ShapiroWilk
Nickel (mg/L)	GWA-17 (bg)	n/a	n/a	NP	NaN	32	0.0009656	0.0001465	unknown	ShapiroWilk
Nickel (mg/L)	GWC-1	No	n/a	NP	NaN	33	0.002269	0.001663	ln(x)	ShapiroWilk
Nickel (mg/L)	GWC-2	No	n/a	NP	NaN	33	0.002384	0.0004488	ln(x)	ShapiroWilk
Nickel (mg/L)	**GWC-3**	**Yes**	**0.019,0.0093,0.0081**	**NP**	**NaN**	**32**	**0.003081**	**0.00338**	**ln(x)**	**ShapiroWilk**
Nickel (mg/L)	GWC-4	No	n/a	NP	NaN	32	0.002039	0.0007445	normal	ShapiroWilk
Nickel (mg/L)	**GWC-5**	**Yes**	**0.006,0.00268,0.0018,0.0019,0.00039,0.00042,0.000**	**NP**	**NaN**	**32**	**0.001151**	**0.0009875**	**ln(x)**	**ShapiroWilk**
Nickel (mg/L)	GWC-6	No	n/a	NP	NaN	32	0.002193	0.001192	sqrt(x)	ShapiroWilk
Nickel (mg/L)	GWC-7	n/a	n/a	NP	NaN	33	0.001346	0.001674	unknown	ShapiroWilk
Nickel (mg/L)	GWC-8A	No	n/a	NP	NaN	34	0.00417	0.00206	ln(x)	ShapiroWilk
Nickel (mg/L)	**GWC-9**	**Yes**	**0.00046,0.00058,0.00045,0.0042,0.00042**	**NP**	**NaN**	**33**	**0.0009955**	**0.0006054**	**ln(x)**	**ShapiroWilk**
Nickel (mg/L)	**GWC-10**	**Yes**	**0.0012,0.0094,0.0048**	**NP**	**NaN**	**35**	**0.002612**	**0.001316**	**ln(x)**	**ShapiroWilk**
Nickel (mg/L)	GWC-11	No	n/a	NP	NaN	32	0.001906	0.000841	ln(x)	ShapiroWilk
Nickel (mg/L)	GWC-12	No	n/a	NP	NaN	32	0.001933	0.0008003	ln(x)	ShapiroWilk

Tukey's Outlier Test - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 4/16/2025, 10:57 AM

Constituent	Well	Outlier	Value(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Nickel (mg/L)	GWC-13	n/a	n/a	NP	NaN	32	0.0008891	0.0002162	unknown	ShapiroWilk
Nickel (mg/L)	GWC-14	n/a	n/a	NP	NaN	33	0.001215	0.001236	unknown	ShapiroWilk
Nickel (mg/L)	GWC-18	n/a	n/a	NP	NaN	32	0.001061	0.0006467	unknown	ShapiroWilk
Nickel (mg/L)	GWC-19	n/a	n/a	NP	NaN	32	0.001245	0.001623	unknown	ShapiroWilk
Nickel (mg/L)	**GWC-20**	**Yes**	**0.003,0.0063,0.002,0.00048,0.00056,0.00055,0.0007**	**NP**	**NaN**	**32**	**0.001182**	**0.001032**	**ln(x)**	**ShapiroWilk**
pH, Field (SU)	GWA-15 (bg)	No	n/a	NP	NaN	38	5.442	0.2152	x^5	ShapiroWilk
pH, Field (SU)	**GWA-16 (bg)**	**Yes**	**5.63**	**NP**	**NaN**	**37**	**6.347**	**0.18**	**x^6**	**ShapiroWilk**
pH, Field (SU)	GWA-17 (bg)	No	n/a	NP	NaN	37	5.99	0.2393	x^6	ShapiroWilk
pH, Field (SU)	GWC-1	No	n/a	NP	NaN	40	6.5	0.1424	x^6	ShapiroWilk
pH, Field (SU)	GWC-2	No	n/a	NP	NaN	38	6.492	0.2729	ln(x)	ShapiroWilk
pH, Field (SU)	**GWC-3**	**Yes**	**5.1**	**NP**	**NaN**	**43**	**5.935**	**0.2087**	**x^6**	**ShapiroWilk**
pH, Field (SU)	GWC-4	No	n/a	NP	NaN	43	6.255	0.1634	x^6	ShapiroWilk
pH, Field (SU)	GWC-5	No	n/a	NP	NaN	38	5.878	0.2204	ln(x)	ShapiroWilk
pH, Field (SU)	**GWC-6**	**Yes**	**5.52,5.5**	**NP**	**NaN**	**40**	**6.181**	**0.1892**	**x^6**	**ShapiroWilk**
pH, Field (SU)	GWC-7	No	n/a	NP	NaN	39	6.314	0.1554	x^6	ShapiroWilk
pH, Field (SU)	GWC-8A	No	n/a	NP	NaN	43	6.559	0.3227	ln(x)	ShapiroWilk
pH, Field (SU)	GWC-9	No	n/a	NP	NaN	39	6.552	0.1984	x^6	ShapiroWilk
pH, Field (SU)	GWC-10	No	n/a	NP	NaN	42	6.31	0.1585	x^6	ShapiroWilk
pH, Field (SU)	**GWC-11**	**Yes**	**5.58,5.64**	**NP**	**NaN**	**37**	**6.113**	**0.1825**	**x^6**	**ShapiroWilk**
pH, Field (SU)	GWC-12	No	n/a	NP	NaN	38	5.098	0.2693	x^6	ShapiroWilk
pH, Field (SU)	**GWC-13**	**Yes**	**4.93,5.1,6.21**	**NP**	**NaN**	**38**	**5.836**	**0.2194**	**x^6**	**ShapiroWilk**
pH, Field (SU)	**GWC-14**	**Yes**	**4.87,6.11**	**NP**	**NaN**	**38**	**5.576**	**0.2121**	**x^5**	**ShapiroWilk**
pH, Field (SU)	**GWC-18**	**Yes**	**5.76,5.74**	**NP**	**NaN**	**38**	**6.307**	**0.1667**	**x^6**	**ShapiroWilk**
pH, Field (SU)	**GWC-19**	**Yes**	**5.78,6.79**	**NP**	**NaN**	**40**	**6.339**	**0.1919**	**x^6**	**ShapiroWilk**
pH, Field (SU)	**GWC-20**	**Yes**	**6.05,5.94**	**NP**	**NaN**	**41**	**6.517**	**0.1629**	**x^6**	**ShapiroWilk**
Selenium (mg/L)	GWA-15 (bg)	n/a	n/a	NP	NaN	37	0.004883	0.0007118	unknown	ShapiroWilk
Selenium (mg/L)	GWA-16 (bg)	n/a	n/a	NP	NaN	37	0.004763	0.0009423	unknown	ShapiroWilk
Selenium (mg/L)	GWA-17 (bg)	n/a	n/a	NP	NaN	37	0.004856	0.0007811	unknown	ShapiroWilk
Selenium (mg/L)	GWC-1	n/a	n/a	NP	NaN	37	0.004758	0.001065	unknown	ShapiroWilk
Selenium (mg/L)	GWC-2	n/a	n/a	NP	NaN	37	0.004535	0.001292	unknown	ShapiroWilk
Selenium (mg/L)	GWC-3	n/a	n/a	NP	NaN	37	0.004875	0.0007628	unknown	ShapiroWilk
Selenium (mg/L)	GWC-4	n/a	n/a	NP	NaN	37	0.004581	0.001139	unknown	ShapiroWilk
Selenium (mg/L)	GWC-5	No	n/a	NP	NaN	37	0.01802	0.01521	ln(x)	ShapiroWilk
Selenium (mg/L)	GWC-6	n/a	n/a	NP	NaN	37	0.004175	0.001901	unknown	ShapiroWilk
Selenium (mg/L)	GWC-7	n/a	n/a	NP	NaN	37	0.005005	0.00005242	unknown	ShapiroWilk
Selenium (mg/L)	GWC-8A	n/a	n/a	NP	NaN	37	0.004718	0.001061	unknown	ShapiroWilk
Selenium (mg/L)	GWC-9	n/a	n/a	NP	NaN	37	0.004916	0.0008019	unknown	ShapiroWilk
Selenium (mg/L)	GWC-10	n/a	n/a	NP	NaN	37	0.00497	0.0001309	unknown	ShapiroWilk
Selenium (mg/L)	GWC-11	n/a	n/a	NP	NaN	37	0.004852	0.0007786	unknown	ShapiroWilk
Selenium (mg/L)	GWC-12	n/a	n/a	NP	NaN	37	0.004973	0.0001644	unknown	ShapiroWilk
Selenium (mg/L)	GWC-13	No	n/a	NP	NaN	37	0.005	0	normal	ShapiroWilk
Selenium (mg/L)	GWC-14	n/a	n/a	NP	NaN	37	0.004877	0.0007825	unknown	ShapiroWilk
Selenium (mg/L)	GWC-18	n/a	n/a	NP	NaN	37	0.004976	0.000148	unknown	ShapiroWilk
Selenium (mg/L)	GWC-19	n/a	n/a	NP	NaN	37	0.004984	0.00009864	unknown	ShapiroWilk
Selenium (mg/L)	GWC-20	No	n/a	NP	NaN	37	0.005	0	normal	ShapiroWilk
Silver (mg/L)	GWA-15 (bg)	No	n/a	NP	NaN	32	0.001	0	normal	ShapiroWilk
Silver (mg/L)	GWA-16 (bg)	No	n/a	NP	NaN	32	0.001	0	normal	ShapiroWilk
Silver (mg/L)	GWA-17 (bg)	No	n/a	NP	NaN	32	0.001	0	normal	ShapiroWilk
Silver (mg/L)	GWC-1	n/a	n/a	NP	NaN	32	0.0009725	0.0001556	unknown	ShapiroWilk
Silver (mg/L)	GWC-2	No	n/a	NP	NaN	32	0.001	0	normal	ShapiroWilk
Silver (mg/L)	GWC-3	No	n/a	NP	NaN	32	0.001	0	normal	ShapiroWilk
Silver (mg/L)	GWC-4	No	n/a	NP	NaN	32	0.001	0	normal	ShapiroWilk
Silver (mg/L)	GWC-5	No	n/a	NP	NaN	32	0.001	0	normal	ShapiroWilk
Silver (mg/L)	GWC-6	n/a	n/a	NP	NaN	32	0.0009725	0.0001556	unknown	ShapiroWilk
Silver (mg/L)	GWC-7	No	n/a	NP	NaN	32	0.001	0	normal	ShapiroWilk

Tukey's Outlier Test - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 4/16/2025, 10:57 AM

Constituent	Well	Outlier	Value(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Silver (mg/L)	GWC-8A	No	n/a	NP	NaN	32	0.001	0	normal	ShapiroWilk
Silver (mg/L)	GWC-9	No	n/a	NP	NaN	32	0.001	0	normal	ShapiroWilk
Silver (mg/L)	GWC-10	No	n/a	NP	NaN	32	0.001	0	normal	ShapiroWilk
Silver (mg/L)	GWC-11	No	n/a	NP	NaN	32	0.001	0	normal	ShapiroWilk
Silver (mg/L)	GWC-12	No	n/a	NP	NaN	32	0.001	0	normal	ShapiroWilk
Silver (mg/L)	GWC-13	n/a	n/a	NP	NaN	32	0.0009784	0.000122	unknown	ShapiroWilk
Silver (mg/L)	GWC-14	No	n/a	NP	NaN	32	0.001	0	normal	ShapiroWilk
Silver (mg/L)	GWC-18	No	n/a	NP	NaN	32	0.001	0	normal	ShapiroWilk
Silver (mg/L)	GWC-19	No	n/a	NP	NaN	32	0.001	0	normal	ShapiroWilk
Silver (mg/L)	GWC-20	No	n/a	NP	NaN	32	0.001	0	normal	ShapiroWilk
TDS (mg/L)	GWA-15 (bg)	No	n/a	NP	NaN	23	41.78	17.59	normal	ShapiroWilk
TDS (mg/L)	GWA-16 (bg)	No	n/a	NP	NaN	23	98.43	20.08	normal	ShapiroWilk
TDS (mg/L)	GWA-17 (bg)	No	n/a	NP	NaN	23	73.87	23.54	x^2	ShapiroWilk
TDS (mg/L)	GWC-1	No	n/a	NP	NaN	23	135.1	14.61	normal	ShapiroWilk
TDS (mg/L)	GWC-2	No	n/a	NP	NaN	23	122.7	27.2	x^2	ShapiroWilk
TDS (mg/L)	GWC-3	No	n/a	NP	NaN	23	81.7	14.66	x^2	ShapiroWilk
TDS (mg/L)	GWC-4	No	n/a	NP	NaN	24	150.2	57.85	ln(x)	ShapiroWilk
TDS (mg/L)	GWC-5	No	n/a	NP	NaN	23	627.4	373.3	ln(x)	ShapiroWilk
TDS (mg/L)	GWC-6	No	n/a	NP	NaN	23	145.7	15.73	x^3	ShapiroWilk
TDS (mg/L)	GWC-7	No	n/a	NP	NaN	23	122	15.66	x^2	ShapiroWilk
TDS (mg/L)	GWC-8A	No	n/a	NP	NaN	24	264.1	152.5	ln(x)	ShapiroWilk
TDS (mg/L)	GWC-9	No	n/a	NP	NaN	23	144.7	31.07	x^2	ShapiroWilk
TDS (mg/L)	GWC-10	No	n/a	NP	NaN	23	139.2	25.37	x^(1/3)	ShapiroWilk
TDS (mg/L)	**GWC-11**	**Yes**	**293**	**NP**	**NaN**	**23**	**109.7**	**42.96**	**ln(x)**	**ShapiroWilk**
TDS (mg/L)	GWC-12	No	n/a	NP	NaN	23	24.26	21.37	ln(x)	ShapiroWilk
TDS (mg/L)	GWC-13	No	n/a	NP	NaN	23	69.17	33.91	ln(x)	ShapiroWilk
TDS (mg/L)	GWC-14	No	n/a	NP	NaN	23	58.17	17.4	sqrt(x)	ShapiroWilk
TDS (mg/L)	GWC-18	No	n/a	NP	NaN	23	87.43	16.53	sqrt(x)	ShapiroWilk
TDS (mg/L)	GWC-19	No	n/a	NP	NaN	23	103.7	29.86	x^2	ShapiroWilk
TDS (mg/L)	GWC-20	No	n/a	NP	NaN	23	109.7	17.22	x^2	ShapiroWilk
Thallium (mg/L)	GWA-15 (bg)	n/a	n/a	NP	NaN	37	0.0009797	0.0001233	unknown	ShapiroWilk
Thallium (mg/L)	GWA-16 (bg)	n/a	n/a	NP	NaN	37	0.0009597	0.0001711	unknown	ShapiroWilk
Thallium (mg/L)	GWA-17 (bg)	n/a	n/a	NP	NaN	37	0.0009792	0.0001266	unknown	ShapiroWilk
Thallium (mg/L)	GWC-1	n/a	n/a	NP	NaN	37	0.0009665	0.0001445	unknown	ShapiroWilk
Thallium (mg/L)	GWC-2	n/a	n/a	NP	NaN	37	0.0009797	0.0001233	unknown	ShapiroWilk
Thallium (mg/L)	GWC-3	No	n/a	NP	NaN	37	0.001	0	normal	ShapiroWilk
Thallium (mg/L)	GWC-4	n/a	n/a	NP	NaN	37	0.0009827	0.0001052	unknown	ShapiroWilk
Thallium (mg/L)	GWC-5	n/a	n/a	NP	NaN	37	0.000983	0.0001036	unknown	ShapiroWilk
Thallium (mg/L)	GWC-6	n/a	n/a	NP	NaN	37	0.0009595	0.0001723	unknown	ShapiroWilk
Thallium (mg/L)	GWC-7	n/a	n/a	NP	NaN	37	0.000923	0.0002262	unknown	ShapiroWilk
Thallium (mg/L)	GWC-8A	n/a	n/a	NP	NaN	37	0.0009795	0.00009795	unknown	ShapiroWilk
Thallium (mg/L)	GWC-9	n/a	n/a	NP	NaN	37	0.0009773	0.0001381	unknown	ShapiroWilk
Thallium (mg/L)	GWC-10	No	n/a	NP	NaN	37	0.001	0	normal	ShapiroWilk
Thallium (mg/L)	GWC-11	No	n/a	NP	NaN	37	0.001	0	normal	ShapiroWilk
Thallium (mg/L)	GWC-12	No	n/a	NP	NaN	37	0.001	0	normal	ShapiroWilk
Thallium (mg/L)	GWC-13	No	n/a	NP	NaN	37	0.001	0	normal	ShapiroWilk
Thallium (mg/L)	GWC-14	No	n/a	NP	NaN	37	0.001	0	normal	ShapiroWilk
Thallium (mg/L)	GWC-18	No	n/a	NP	NaN	37	0.001	0	normal	ShapiroWilk
Thallium (mg/L)	GWC-19	n/a	n/a	NP	NaN	37	0.0009816	0.0001118	unknown	ShapiroWilk
Thallium (mg/L)	GWC-20	No	n/a	NP	NaN	37	0.001	0	normal	ShapiroWilk
Vanadium (mg/L)	GWA-15 (bg)	n/a	n/a	NP	NaN	32	0.001993	0.0004726	unknown	ShapiroWilk
Vanadium (mg/L)	GWA-16 (bg)	No	n/a	NP	NaN	32	0.007333	0.00176	ln(x)	ShapiroWilk
Vanadium (mg/L)	GWA-17 (bg)	No	n/a	NP	NaN	32	0.004701	0.001504	sqrt(x)	ShapiroWilk
Vanadium (mg/L)	GWC-1	No	n/a	NP	NaN	32	0.01604	0.003716	x^4	ShapiroWilk
Vanadium (mg/L)	GWC-2	No	n/a	NP	NaN	32	0.01386	0.002832	x^4	ShapiroWilk

Tukey's Outlier Test - All Results

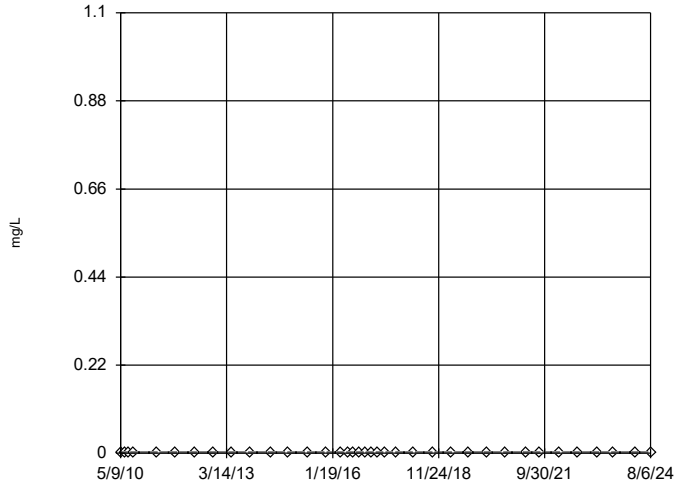
Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 4/16/2025, 10:57 AM

Constituent	Well	Outlier	Value(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Vanadium (mg/L)	GWC-3	No	n/a	NP	NaN	32	0.00692	0.002686	ln(x)	ShapiroWilk
Vanadium (mg/L)	GWC-4	No	n/a	NP	NaN	32	0.007233	0.0018	normal	ShapiroWilk
Vanadium (mg/L)	GWC-5	No	n/a	NP	NaN	32	0.003109	0.001232	ln(x)	ShapiroWilk
Vanadium (mg/L)	**GWC-6**	**Yes**	**0.013**	**NP**	**NaN**	**32**	**0.009105**	**0.00163**	**normal**	**ShapiroWilk**
Vanadium (mg/L)	GWC-7	No	n/a	NP	NaN	32	0.01301	0.001852	x^3	ShapiroWilk
Vanadium (mg/L)	GWC-8A	No	n/a	NP	NaN	32	0.01631	0.0208	ln(x)	ShapiroWilk
Vanadium (mg/L)	GWC-9	No	n/a	NP	NaN	32	0.01692	0.00436	normal	ShapiroWilk
Vanadium (mg/L)	**GWC-10**	**Yes**	**0.0053,0.026**	**NP**	**NaN**	**33**	**0.01243**	**0.00317**	**ln(x)**	**ShapiroWilk**
Vanadium (mg/L)	GWC-11	No	n/a	NP	NaN	32	0.01031	0.001777	normal	ShapiroWilk
Vanadium (mg/L)	GWC-12	n/a	n/a	NP	NaN	32	0.002153	0.0006258	unknown	ShapiroWilk
Vanadium (mg/L)	GWC-13	n/a	n/a	NP	NaN	32	0.002222	0.001054	unknown	ShapiroWilk
Vanadium (mg/L)	GWC-14	n/a	n/a	NP	NaN	32	0.002078	0.0008762	unknown	ShapiroWilk
Vanadium (mg/L)	GWC-18	No	n/a	NP	NaN	32	0.006654	0.001498	ln(x)	ShapiroWilk
Vanadium (mg/L)	GWC-19	No	n/a	NP	NaN	32	0.007199	0.001201	x^2	ShapiroWilk
Vanadium (mg/L)	GWC-20	No	n/a	NP	NaN	32	0.01753	0.002229	x^4	ShapiroWilk
Zinc (mg/L)	GWA-15 (bg)	n/a	n/a	NP	NaN	32	0.005031	0.0001768	unknown	ShapiroWilk
Zinc (mg/L)	GWA-16 (bg)	n/a	n/a	NP	NaN	32	0.004944	0.0002687	unknown	ShapiroWilk
Zinc (mg/L)	GWA-17 (bg)	n/a	n/a	NP	NaN	32	0.005107	0.0008345	unknown	ShapiroWilk
Zinc (mg/L)	GWC-1	n/a	n/a	NP	NaN	32	0.004897	0.0003267	unknown	ShapiroWilk
Zinc (mg/L)	GWC-2	n/a	n/a	NP	NaN	32	0.005112	0.0009115	unknown	ShapiroWilk
Zinc (mg/L)	GWC-3	n/a	n/a	NP	NaN	32	0.00585	0.003124	unknown	ShapiroWilk
Zinc (mg/L)	GWC-4	n/a	n/a	NP	NaN	32	0.004938	0.0005594	unknown	ShapiroWilk
Zinc (mg/L)	GWC-5	n/a	n/a	NP	NaN	32	0.005656	0.001934	unknown	ShapiroWilk
Zinc (mg/L)	GWC-6	n/a	n/a	NP	NaN	32	0.005037	0.0002121	unknown	ShapiroWilk
Zinc (mg/L)	GWC-7	n/a	n/a	NP	NaN	32	0.005034	0.000489	unknown	ShapiroWilk
Zinc (mg/L)	GWC-8A	No	n/a	NP	NaN	32	0.03178	0.05011	ln(x)	ShapiroWilk
Zinc (mg/L)	GWC-9	n/a	n/a	NP	NaN	32	0.004959	0.0002298	unknown	ShapiroWilk
Zinc (mg/L)	GWC-10	n/a	n/a	NP	NaN	33	0.005212	0.001409	unknown	ShapiroWilk
Zinc (mg/L)	GWC-11	n/a	n/a	NP	NaN	32	0.005791	0.003867	unknown	ShapiroWilk
Zinc (mg/L)	GWC-12	n/a	n/a	NP	NaN	32	0.004853	0.0006262	unknown	ShapiroWilk
Zinc (mg/L)	GWC-13	n/a	n/a	NP	NaN	32	0.004893	0.001013	unknown	ShapiroWilk
Zinc (mg/L)	GWC-14	n/a	n/a	NP	NaN	33	0.005539	0.003321	unknown	ShapiroWilk
Zinc (mg/L)	GWC-18	n/a	n/a	NP	NaN	32	0.005028	0.0005821	unknown	ShapiroWilk
Zinc (mg/L)	GWC-19	n/a	n/a	NP	NaN	32	0.005137	0.0006339	unknown	ShapiroWilk
Zinc (mg/L)	GWC-20	n/a	n/a	NP	NaN	32	0.005087	0.0003452	unknown	ShapiroWilk

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Tukey's Outlier Screening

GWA-15 (bg)



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

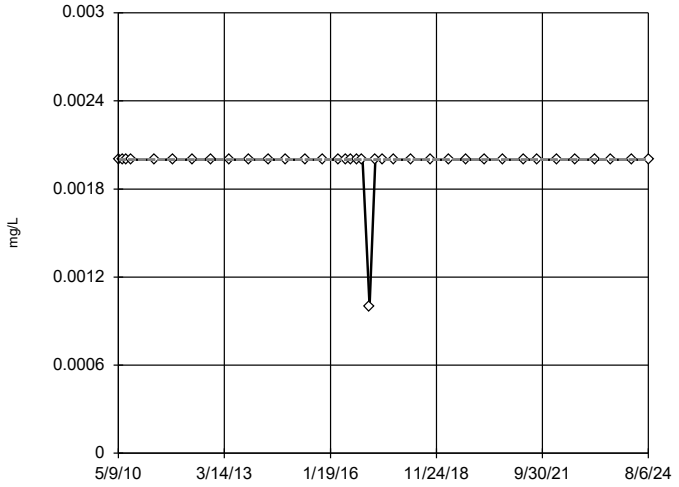
Constituent: Antimony Analysis Run 4/16/2025 10:49 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWA-16 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Data were x^5 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

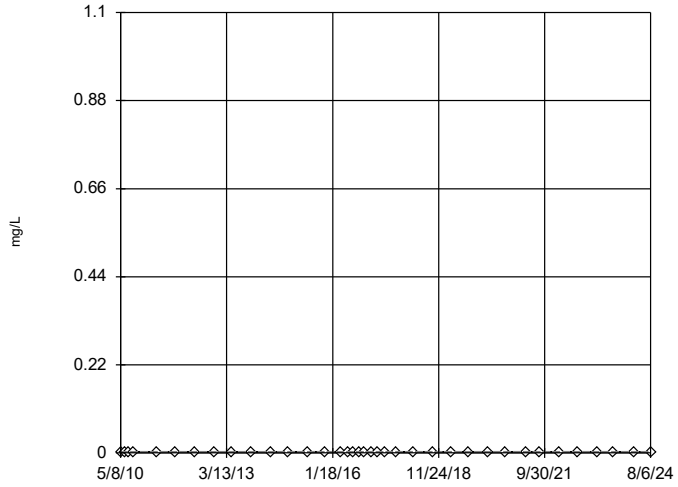
Constituent: Antimony Analysis Run 4/16/2025 10:49 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWA-17 (bg)



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

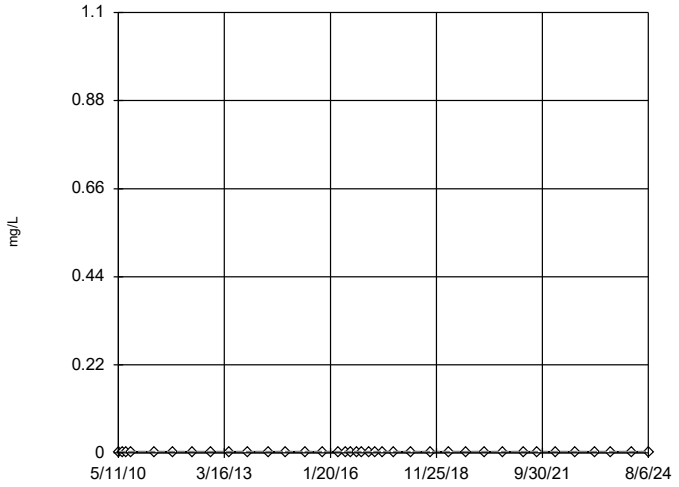
Constituent: Antimony Analysis Run 4/16/2025 10:49 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-1



n = 37

No outliers found. Tukey's method selected by user.

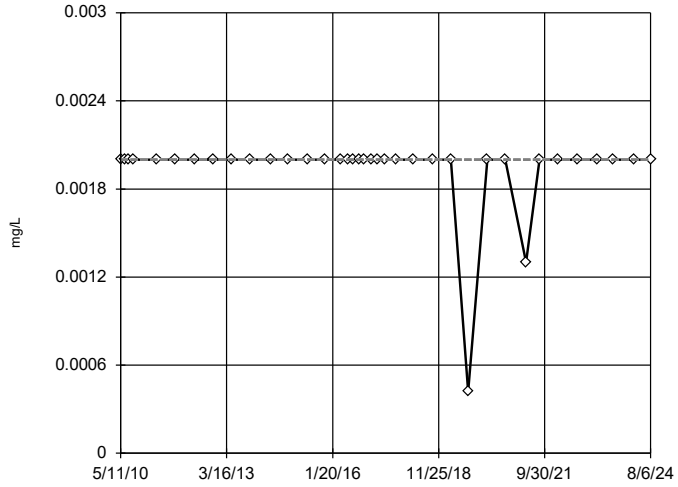
All values are the same.

Constituent: Antimony Analysis Run 4/16/2025 10:49 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

Tukey's Outlier Screening

GWC-2



n = 37

No outliers found. Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

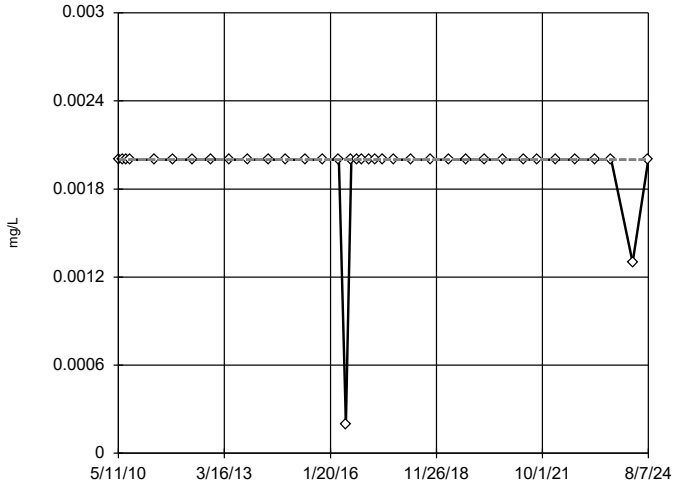
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Antimony Analysis Run 4/16/2025 10:49 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-3



n = 37

No outliers found. Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

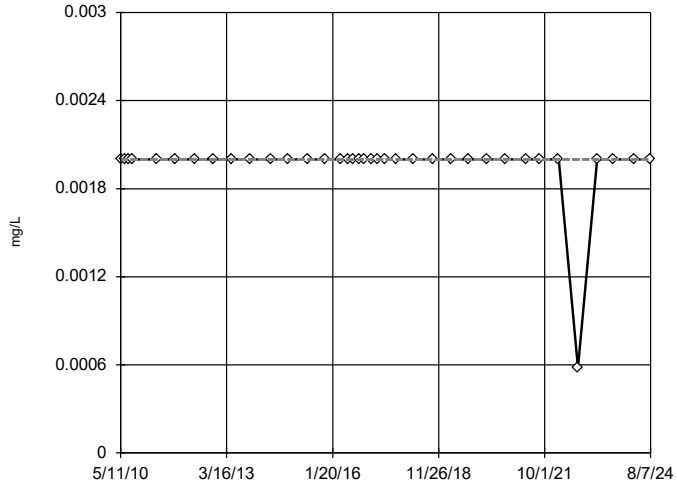
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Antimony Analysis Run 4/16/2025 10:49 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-4



n = 37

No outliers found. Tukey's method selected by user.

Data were x^4 transformed to achieve best W statistic (graph shown in original units).

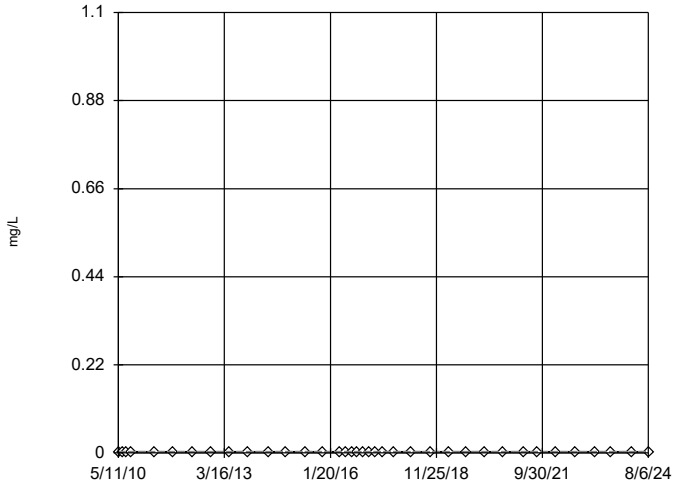
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Antimony Analysis Run 4/16/2025 10:49 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-5



n = 37

No outliers found. Tukey's method selected by user.

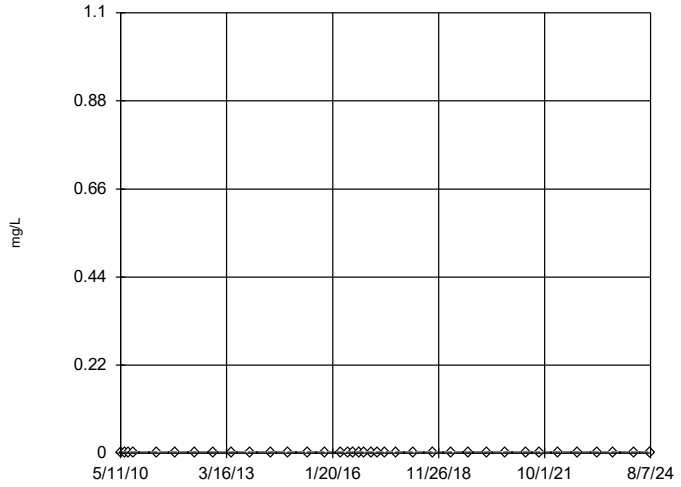
All values are the same.

Constituent: Antimony Analysis Run 4/16/2025 10:49 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-6



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

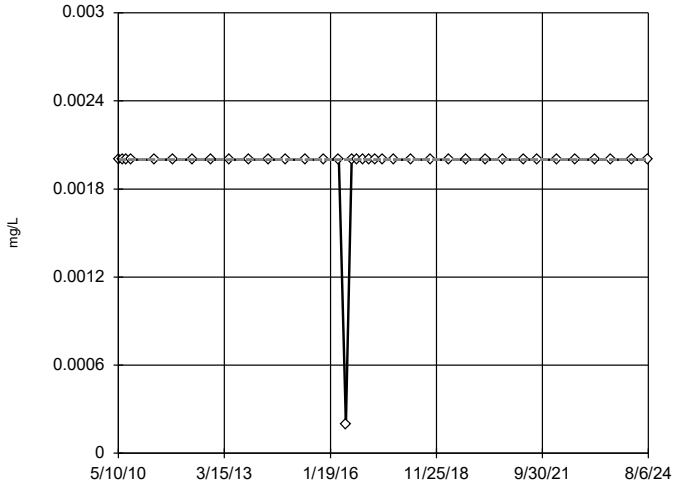
Constituent: Antimony Analysis Run 4/16/2025 10:49 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-7



n = 37

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

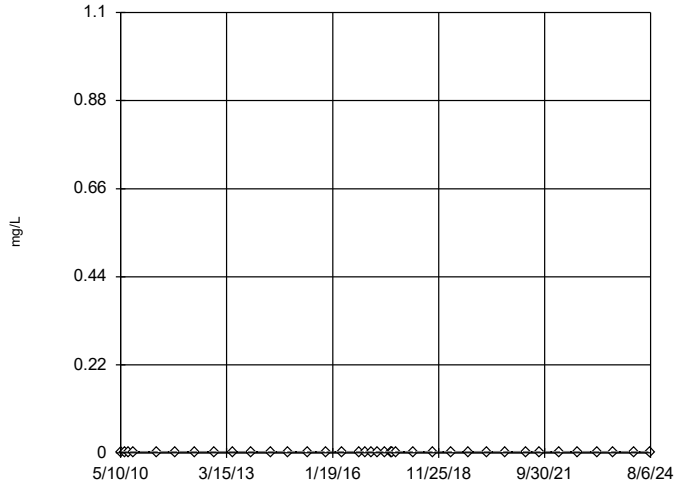
Constituent: Antimony Analysis Run 4/16/2025 10:49 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-8A



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

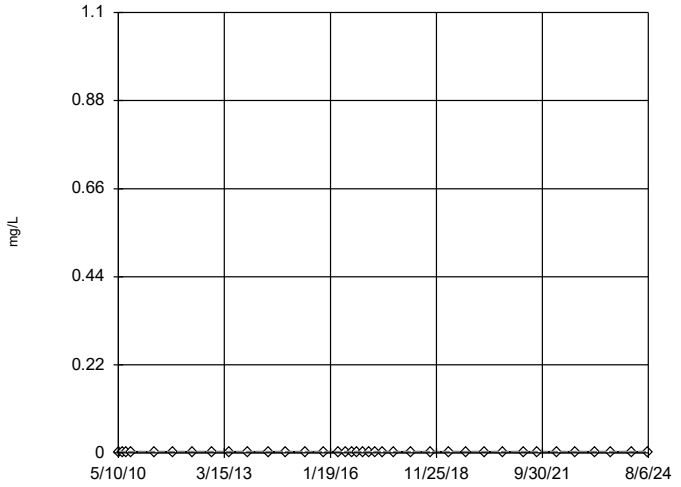
Constituent: Antimony Analysis Run 4/16/2025 10:49 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-9



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

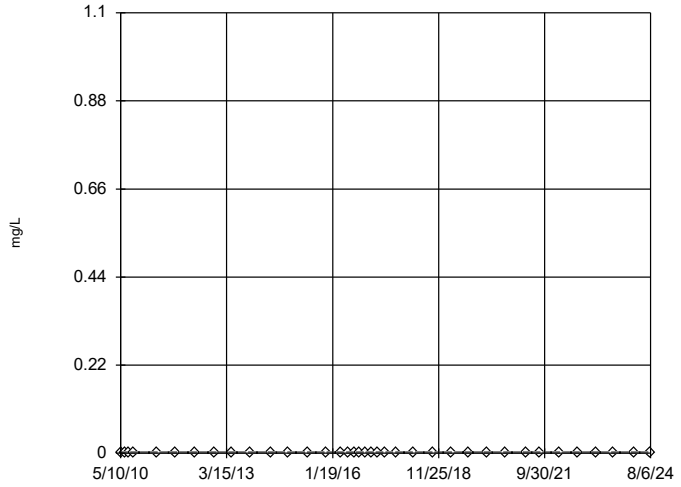
Constituent: Antimony Analysis Run 4/16/2025 10:49 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-10



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

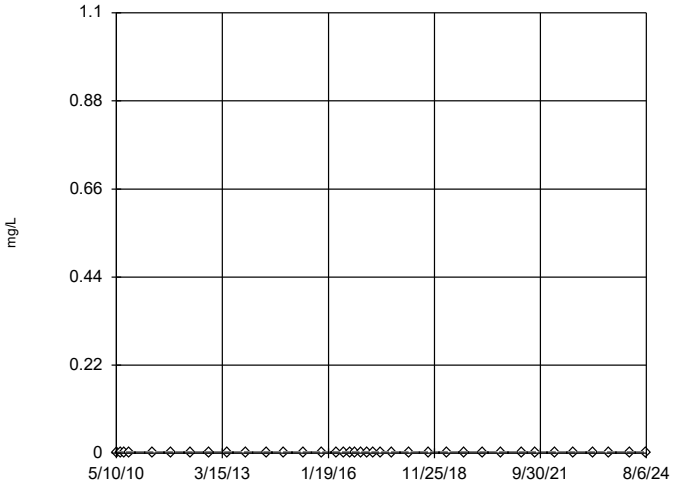
Constituent: Antimony Analysis Run 4/16/2025 10:49 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-11



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

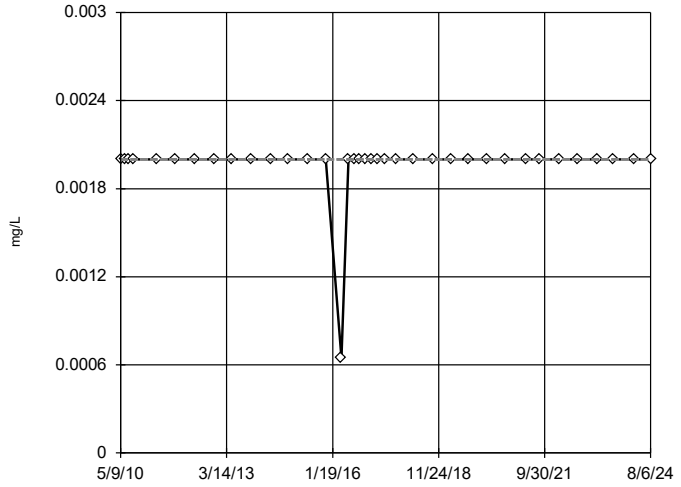
Constituent: Antimony Analysis Run 4/16/2025 10:49 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-12



n = 37

No outliers found. Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

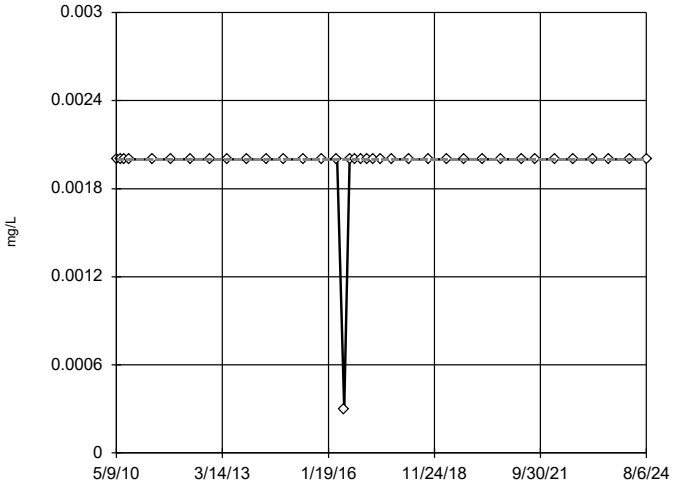
Constituent: Antimony Analysis Run 4/16/2025 10:49 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-13



n = 37

No outliers found. Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

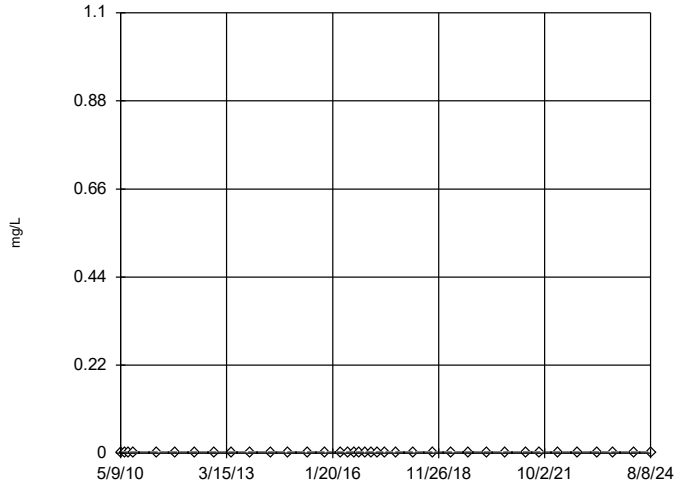
Constituent: Antimony Analysis Run 4/16/2025 10:49 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-14



n = 37

No outliers found. Tukey's method selected by user.

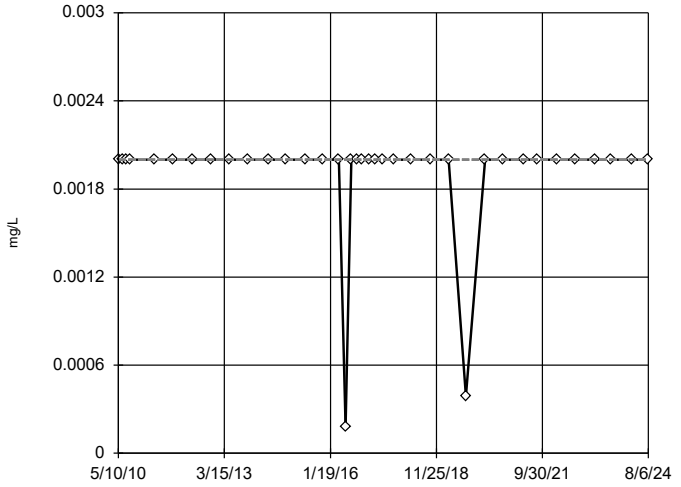
All values are the same.

Constituent: Antimony Analysis Run 4/16/2025 10:49 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-18



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

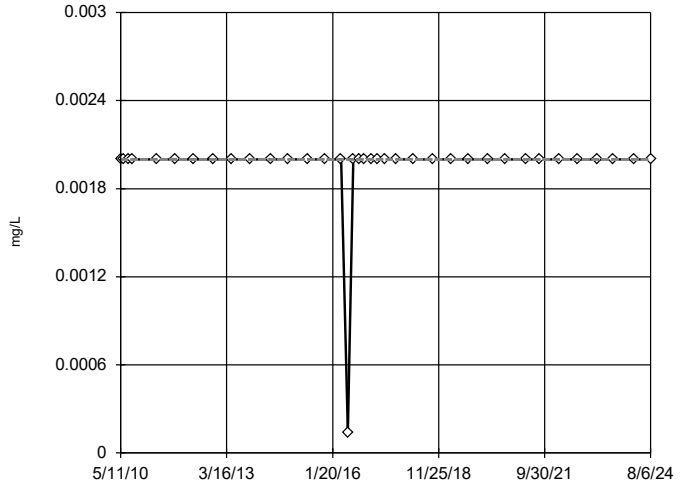
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Antimony Analysis Run 4/16/2025 10:49 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-19



n = 37

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

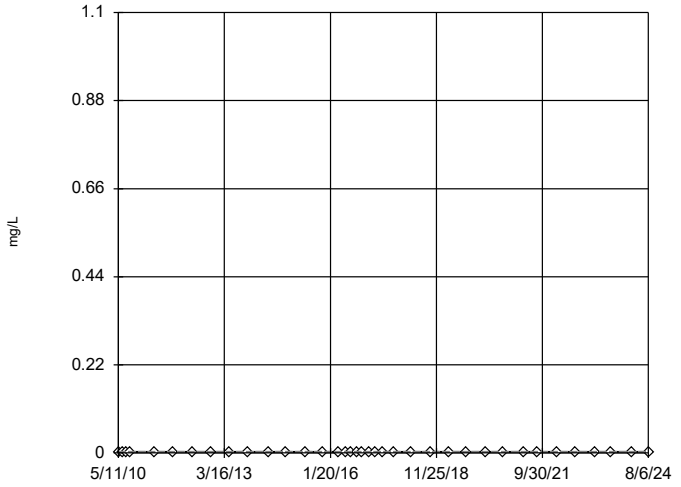
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Antimony Analysis Run 4/16/2025 10:49 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-20



n = 37

No outliers found. Tukey's method selected by user.

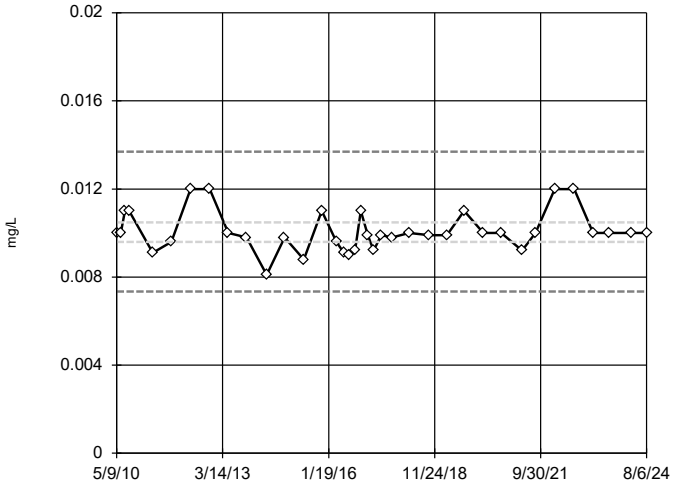
All values are the same.

Constituent: Antimony Analysis Run 4/16/2025 10:49 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWA-15 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.0137, low cutoff = 0.007347, based on IQR multiplier of 3.

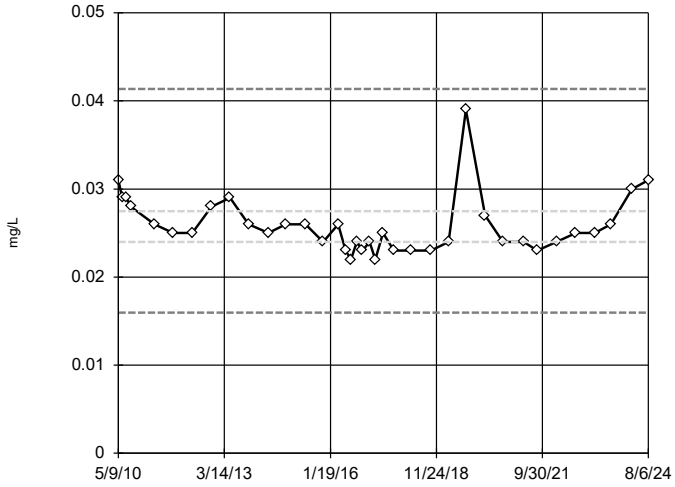
Constituent: Barium Analysis Run 4/16/2025 10:49 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWA-16 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.04134, low cutoff = 0.01596, based on IQR multiplier of 3.

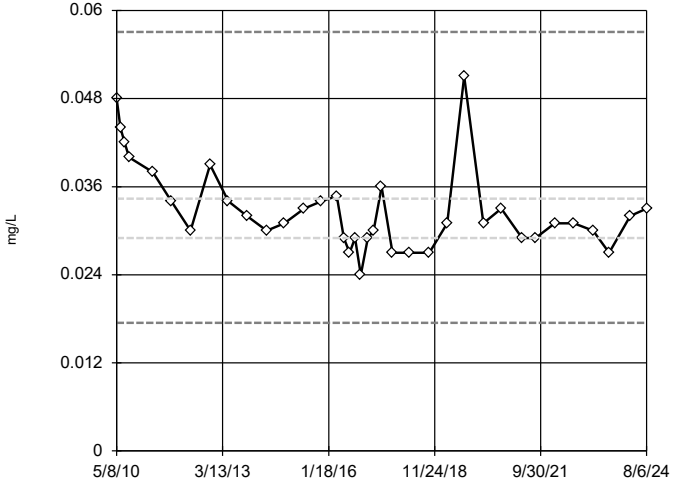
Constituent: Barium Analysis Run 4/16/2025 10:49 AM View: Outlier Analysis

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Tukey's Outlier Screening

GWA-17 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.05707, low cutoff = 0.01745, based on IQR multiplier of 3.

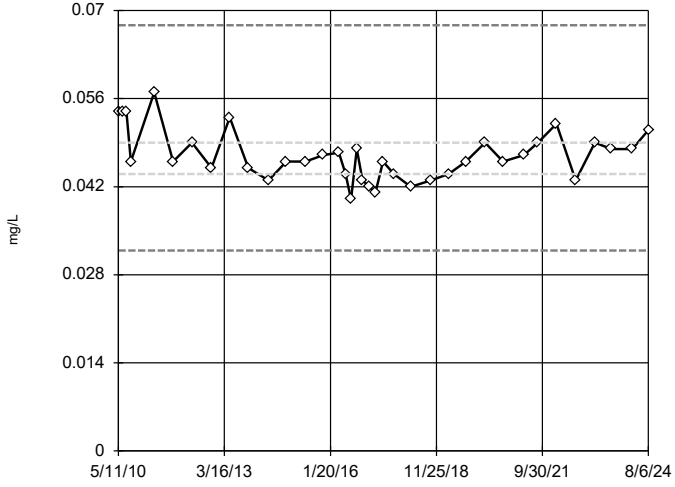
Constituent: Barium Analysis Run 4/16/2025 10:49 AM View: Outlier Analysis

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Tukey's Outlier Screening

GWC-1



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.06767, low cutoff = 0.03186, based on IQR multiplier of 3.

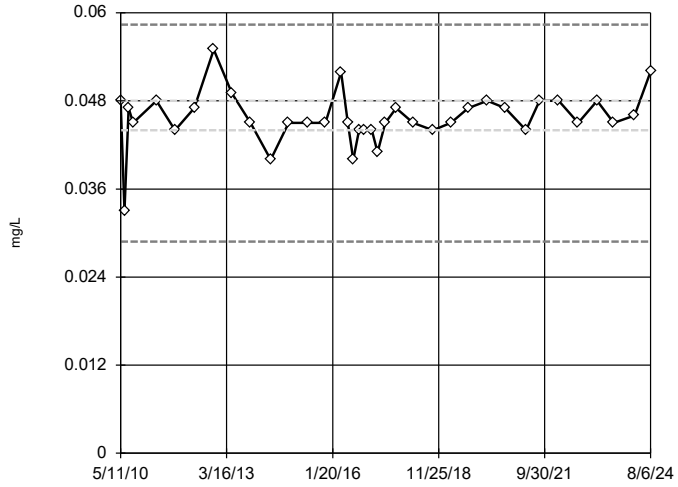
Constituent: Barium Analysis Run 4/16/2025 10:49 AM View: Outlier Analysis

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Tukey's Outlier Screening

GWC-2



n = 37

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.05838, low cutoff = 0.02884, based on IQR multiplier of 3.

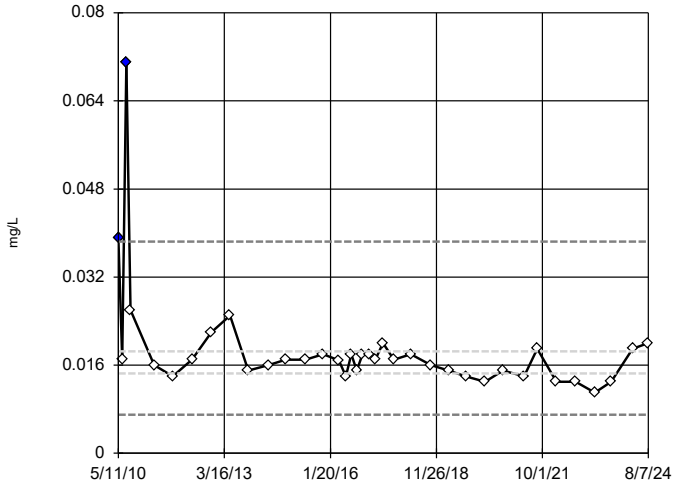
Constituent: Barium Analysis Run 4/16/2025 10:49 AM View: Outlier Analysis

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Tukey's Outlier Screening

GWC-3



n = 37

Outliers are drawn as solid.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.03843, low cutoff = 0.006973, based on IQR multiplier of 3.

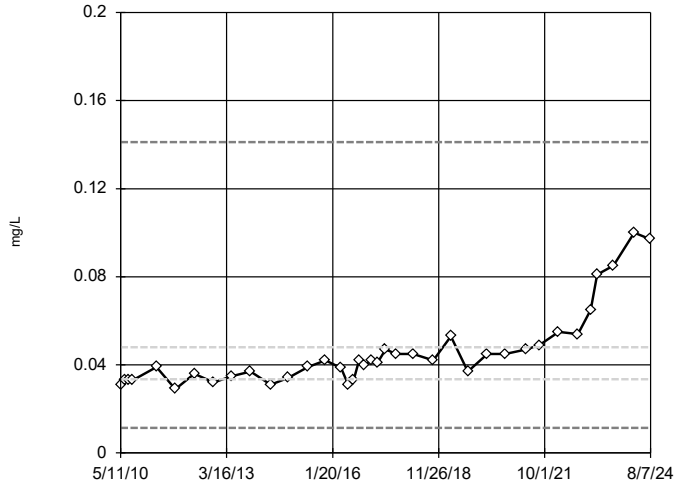
Constituent: Barium Analysis Run 4/16/2025 10:49 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-4



n = 38

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.1411, low cutoff = 0.01139, based on IQR multiplier of 3.

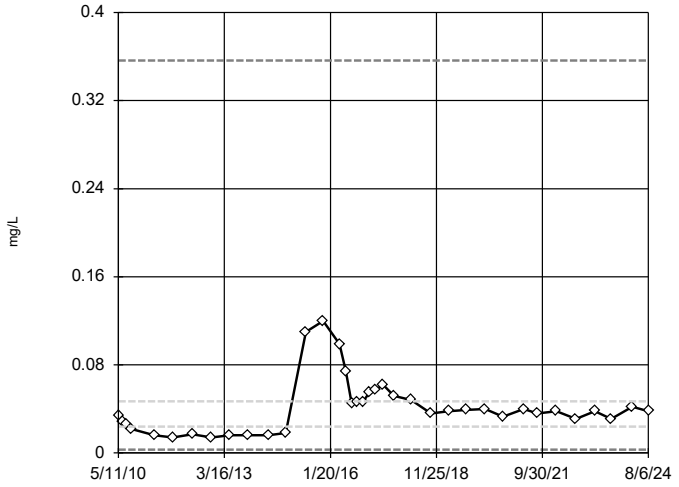
Constituent: Barium Analysis Run 4/16/2025 10:49 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-5



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.3564, low cutoff = 0.003154, based on IQR multiplier of 3.

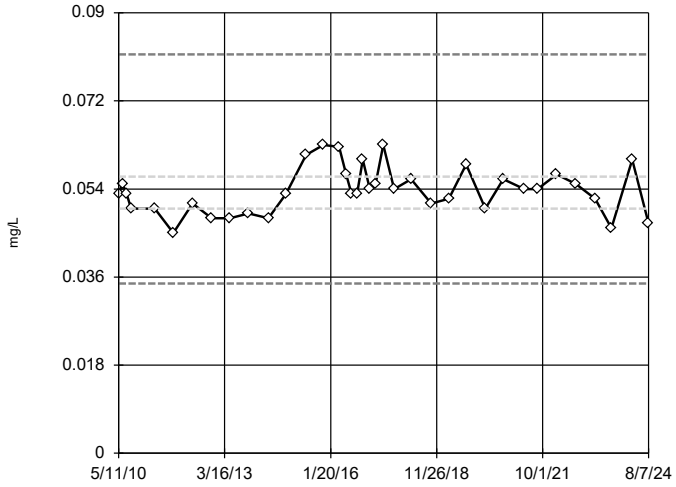
Constituent: Barium Analysis Run 4/16/2025 10:49 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-6



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.08151, low cutoff = 0.03466, based on IQR multiplier of 3.

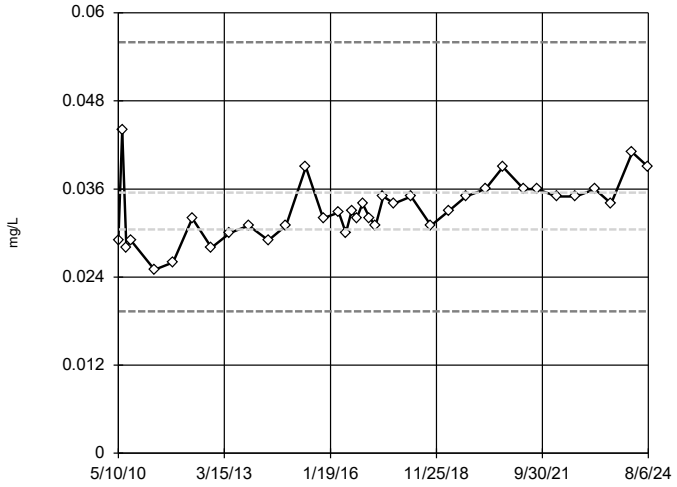
Constituent: Barium Analysis Run 4/16/2025 10:49 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-7



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.05598, low cutoff = 0.01934, based on IQR multiplier of 3.

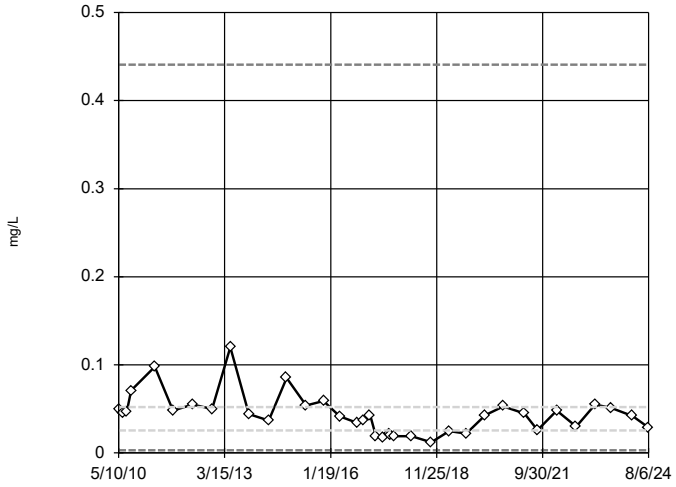
Constituent: Barium Analysis Run 4/16/2025 10:49 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-8A



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.4409, low cutoff = 0.003006, based on IQR multiplier of 3.

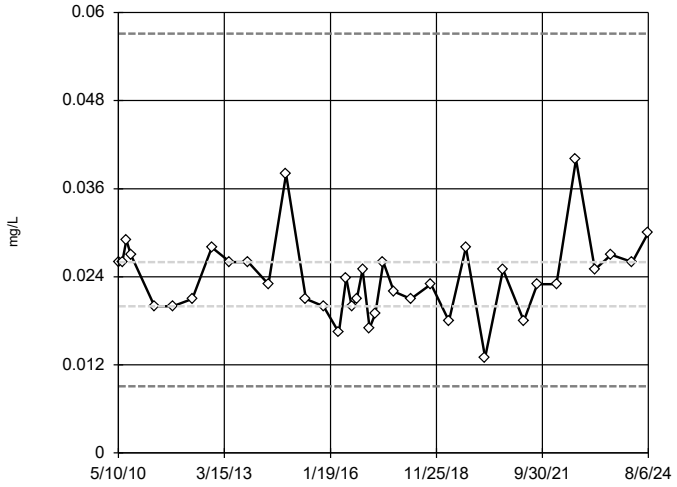
Constituent: Barium Analysis Run 4/16/2025 10:49 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-9



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.05712, low cutoff = 0.009103, based on IQR multiplier of 3.

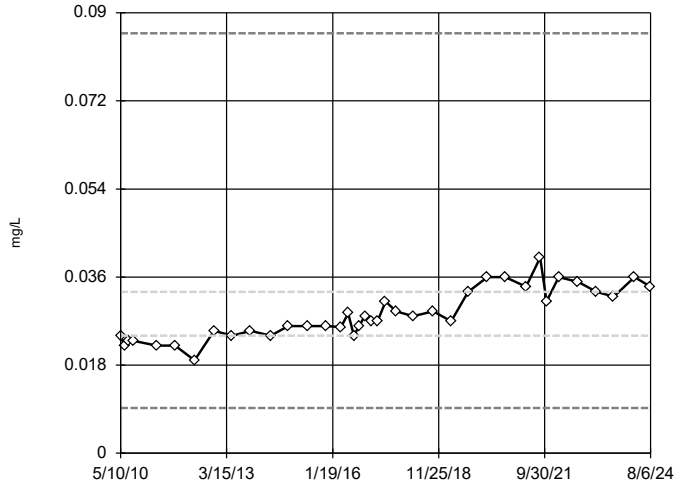
Constituent: Barium Analysis Run 4/16/2025 10:49 AM View: Outlier Analysis

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Tukey's Outlier Screening

GWC-10



n = 38

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

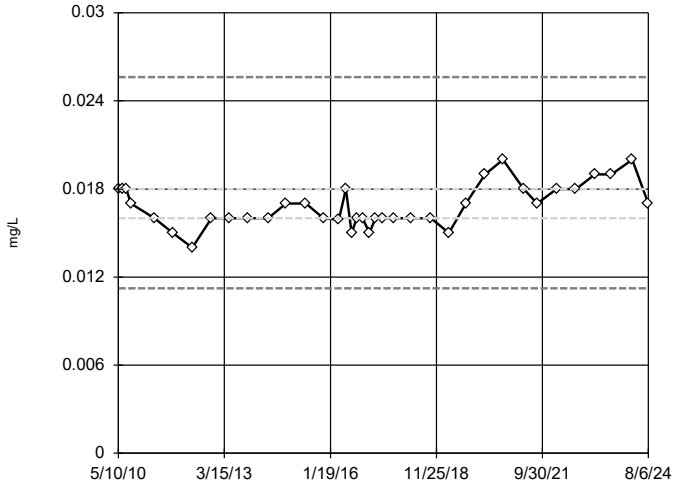
High cutoff = 0.08579, low cutoff = 0.009232, based on IQR multiplier of 3.

Constituent: Barium Analysis Run 4/16/2025 10:49 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-11



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

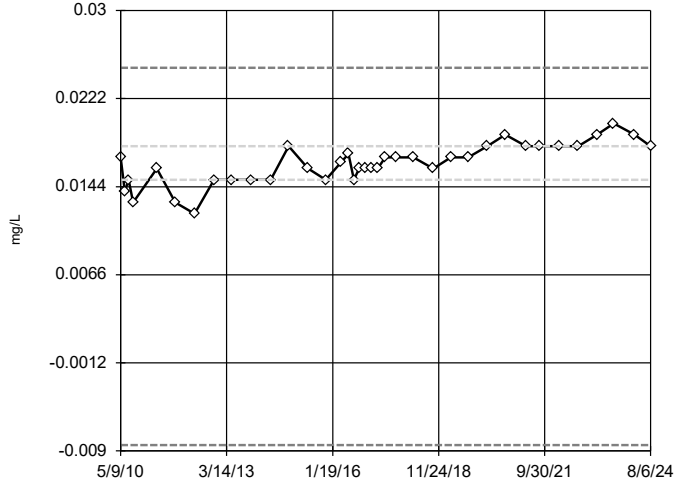
High cutoff = 0.02563, low cutoff = 0.01124, based on IQR multiplier of 3.

Constituent: Barium Analysis Run 4/16/2025 10:49 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-12



n = 37

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

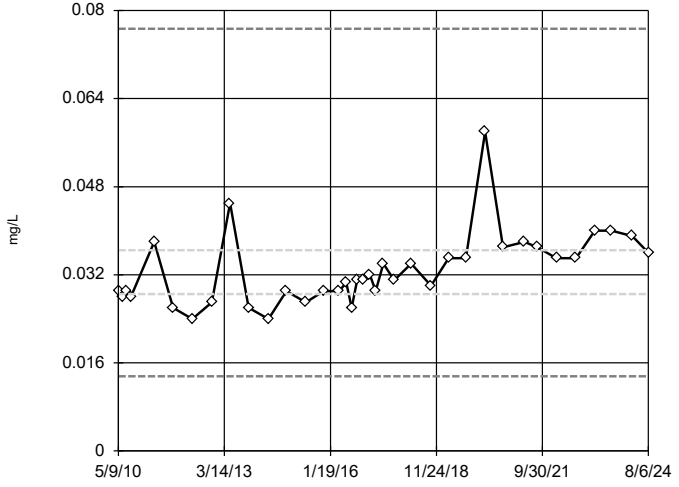
High cutoff = 0.02492, low cutoff = -0.008485, based on IQR multiplier of 3.

Constituent: Barium Analysis Run 4/16/2025 10:49 AM View: Outlier Analysis
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Tukey's Outlier Screening

GWC-13



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

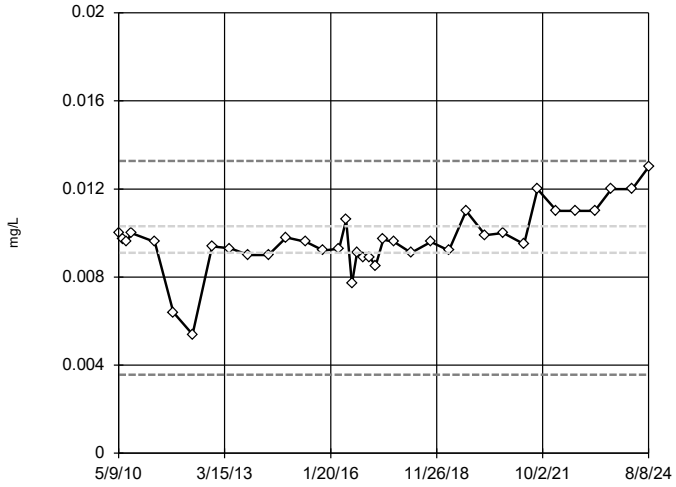
High cutoff = 0.07668, low cutoff = 0.01356, based on IQR multiplier of 3.

Constituent: Barium Analysis Run 4/16/2025 10:49 AM View: Outlier Analysis
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Tukey's Outlier Screening

GWC-14



n = 37

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

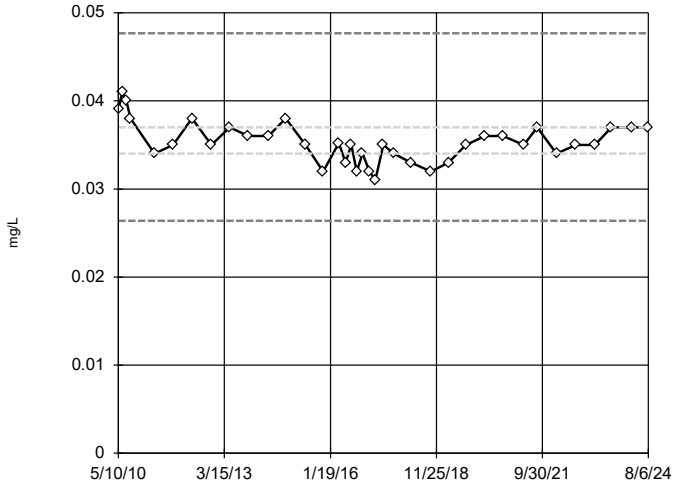
High cutoff = 0.01328, low cutoff = 0.003564, based on IQR multiplier of 3.

Constituent: Barium Analysis Run 4/16/2025 10:49 AM View: Outlier Analysis
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Tukey's Outlier Screening

GWC-18



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

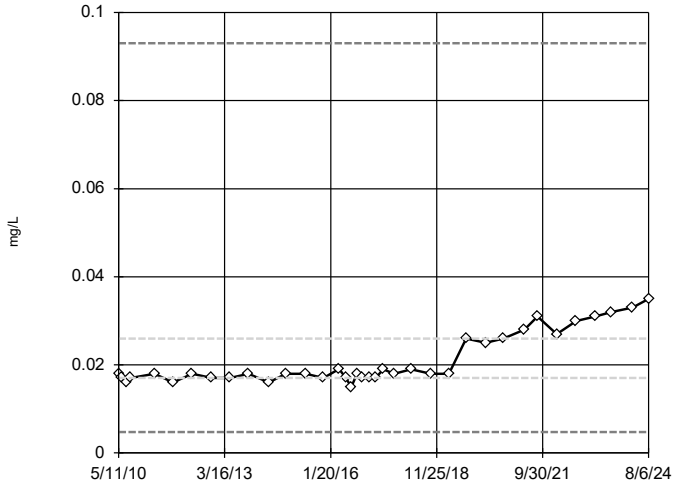
High cutoff = 0.04768, low cutoff = 0.02638, based on IQR multiplier of 3.

Constituent: Barium Analysis Run 4/16/2025 10:49 AM View: Outlier Analysis
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Tukey's Outlier Screening

GWC-19



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

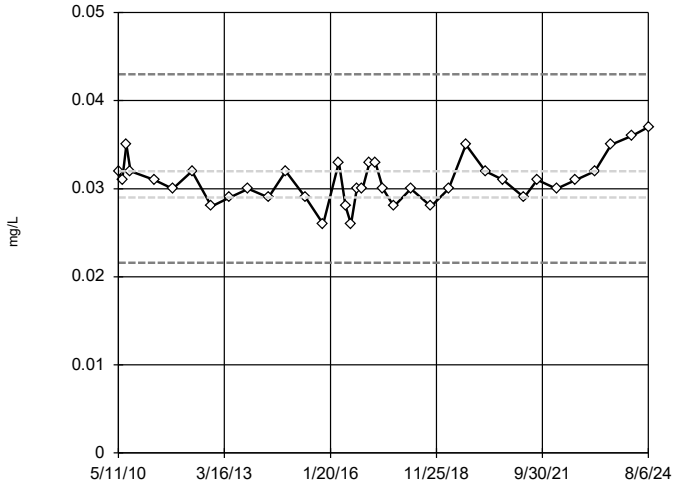
High cutoff = 0.09301, low cutoff = 0.004752, based on IQR multiplier of 3.

Constituent: Barium Analysis Run 4/16/2025 10:49 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-20



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

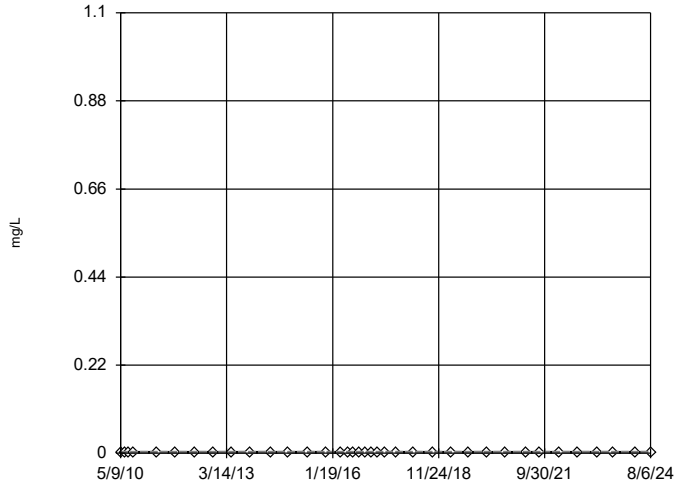
High cutoff = 0.04299, low cutoff = 0.02158, based on IQR multiplier of 3.

Constituent: Barium Analysis Run 4/16/2025 10:49 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWA-15 (bg)



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

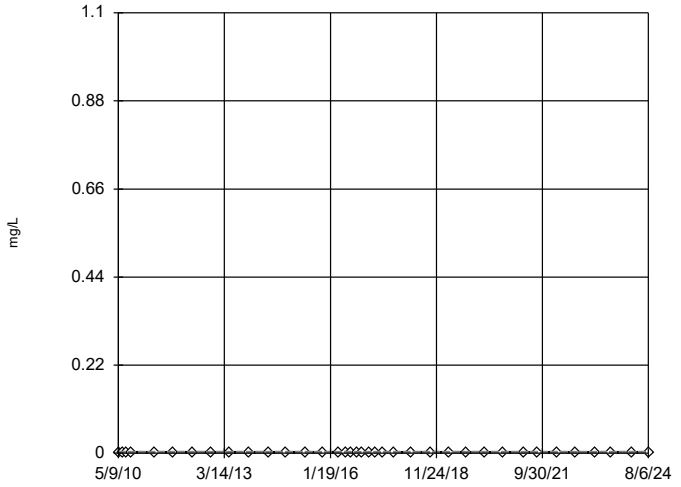
Constituent: Beryllium Analysis Run 4/16/2025 10:49 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWA-16 (bg)



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

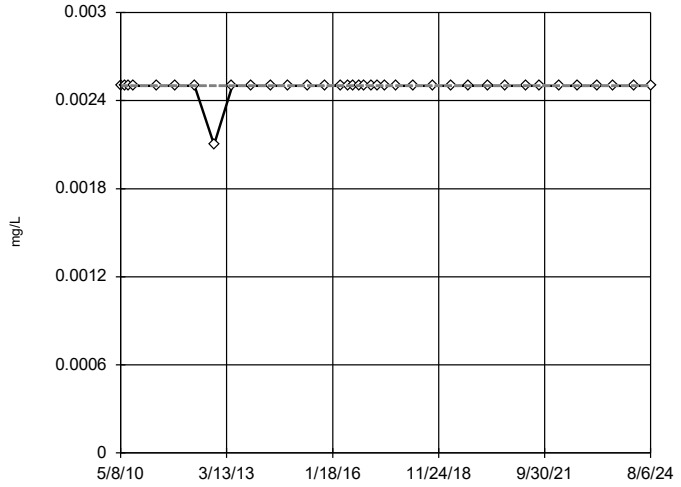
Constituent: Beryllium Analysis Run 4/16/2025 10:49 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWA-17 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

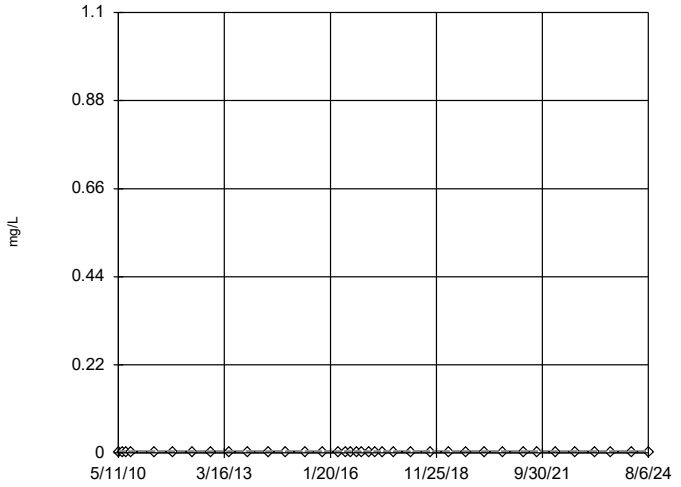
Constituent: Beryllium Analysis Run 4/16/2025 10:49 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-1



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

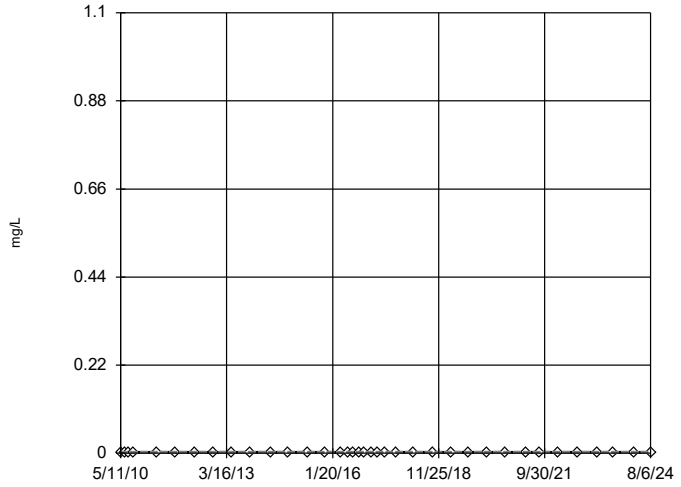
Constituent: Beryllium Analysis Run 4/16/2025 10:49 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-2



n = 37

No outliers found. Tukey's method selected by user.

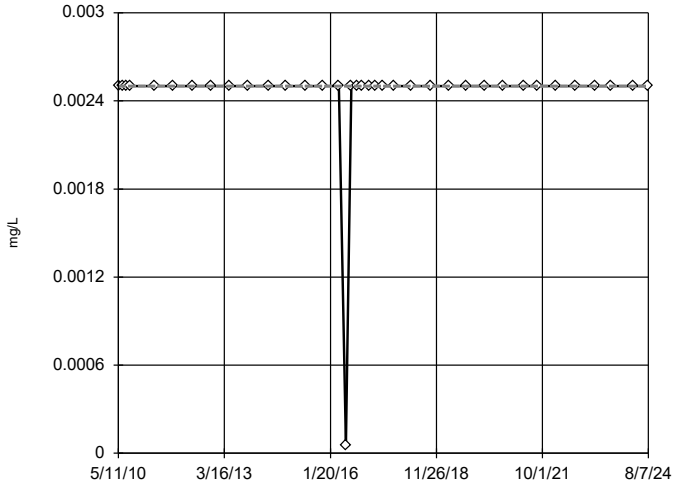
All values are the same.

Constituent: Beryllium Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-3



n = 37

No outliers found. Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

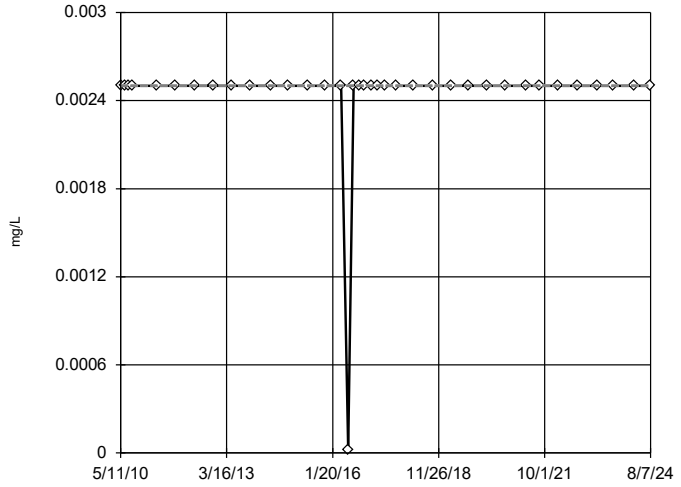
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Beryllium Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-4



n = 37

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

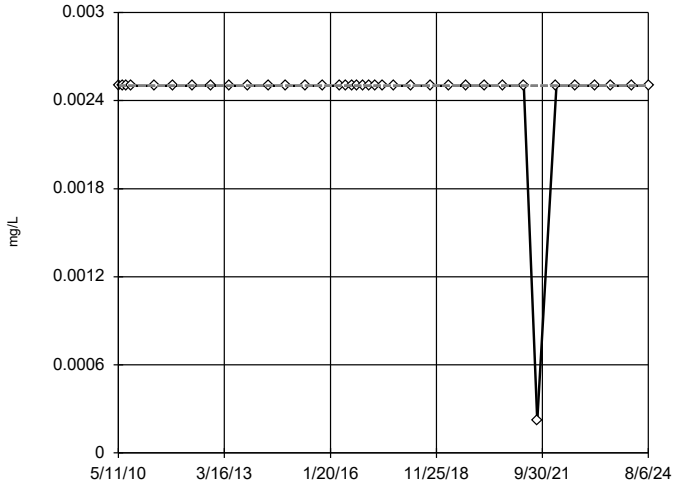
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Beryllium Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-5



n = 37

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

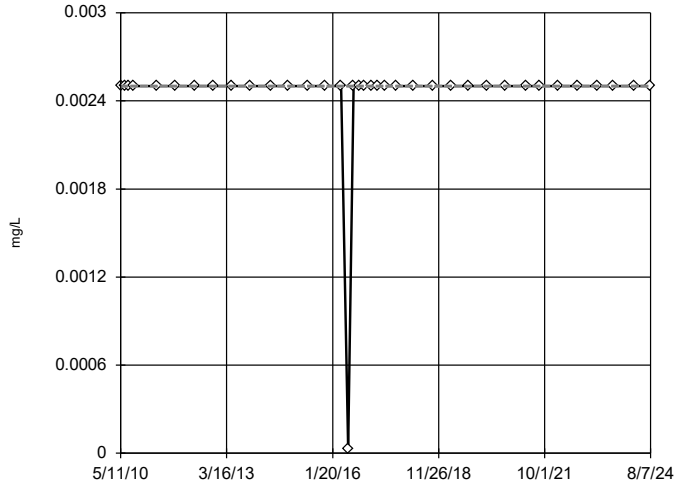
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Beryllium Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-6



n = 37

No outliers found. Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

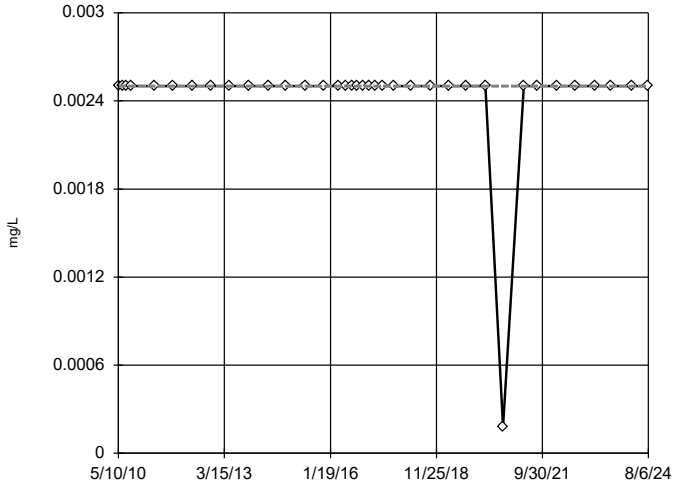
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Beryllium Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-7



n = 37

No outliers found. Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

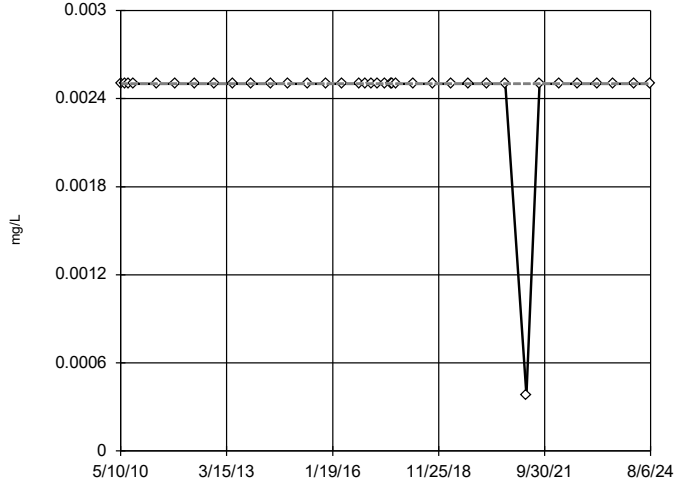
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Beryllium Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-8A



n = 37

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

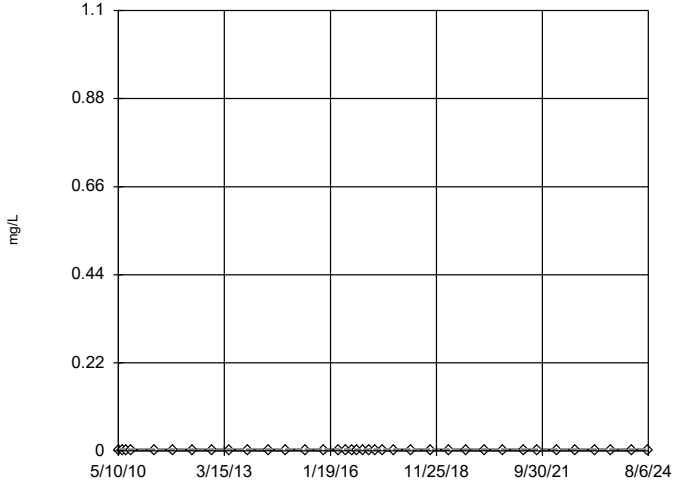
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Beryllium Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis
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Tukey's Outlier Screening

GWC-9



n = 37

No outliers found. Tukey's method selected by user.

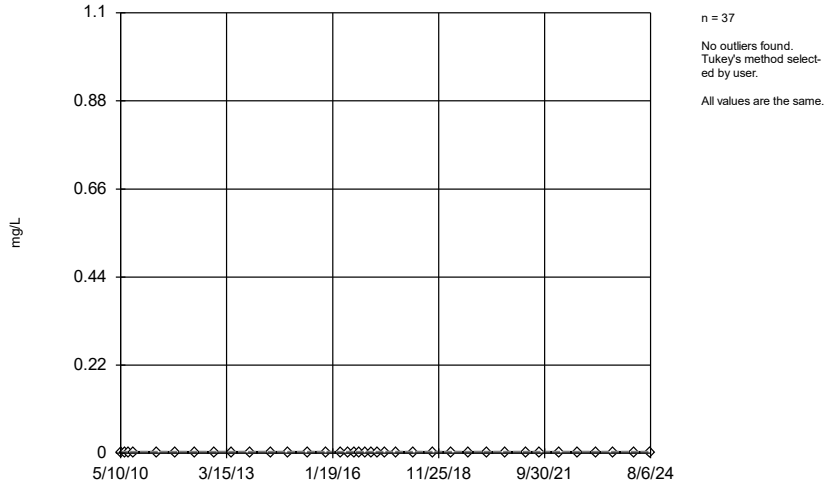
All values are the same.

Constituent: Beryllium Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-10



n = 37

No outliers found. Tukey's method select-ed by user.

All values are the same.

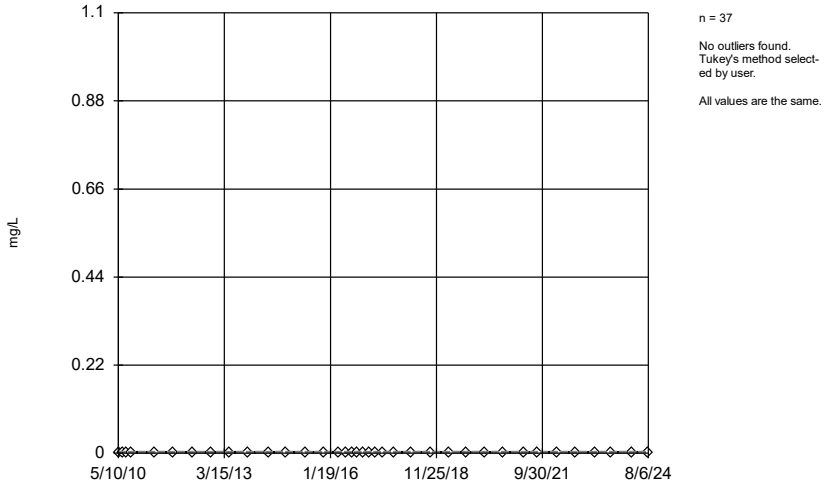
Constituent: Beryllium Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis

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Tukey's Outlier Screening

GWC-11



n = 37

No outliers found. Tukey's method select-ed by user.

All values are the same.

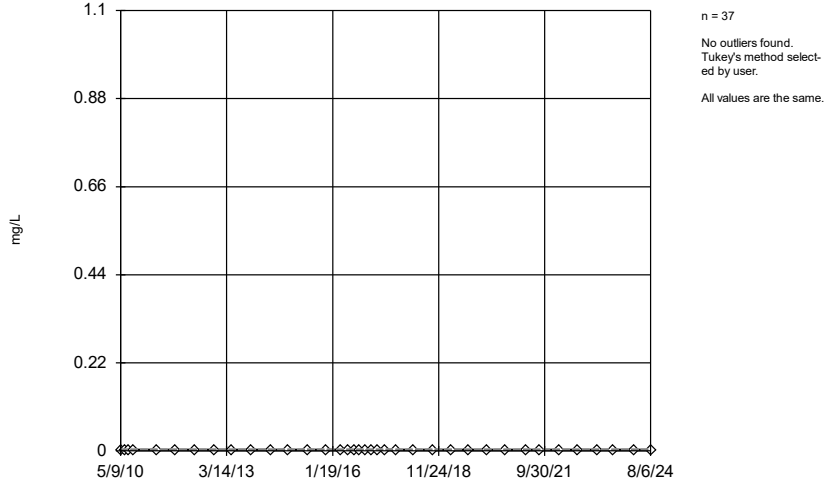
Constituent: Beryllium Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis

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Tukey's Outlier Screening

GWC-12



n = 37

No outliers found. Tukey's method select-ed by user.

All values are the same.

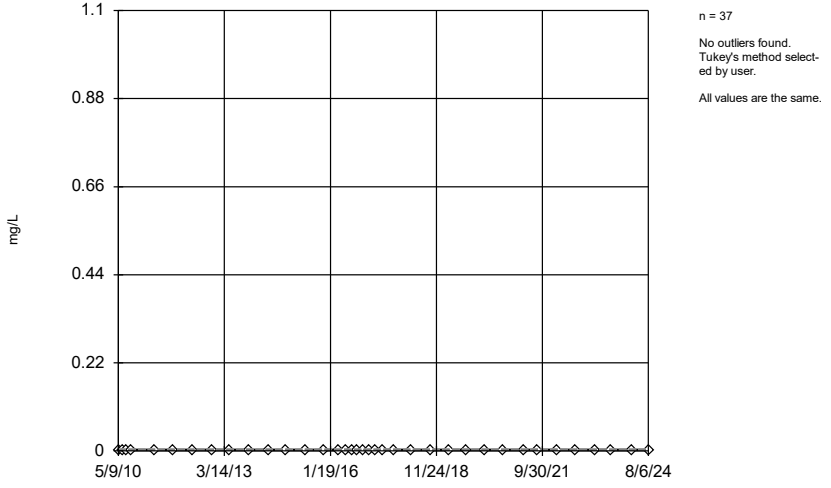
Constituent: Beryllium Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-13



n = 37

No outliers found. Tukey's method select-ed by user.

All values are the same.

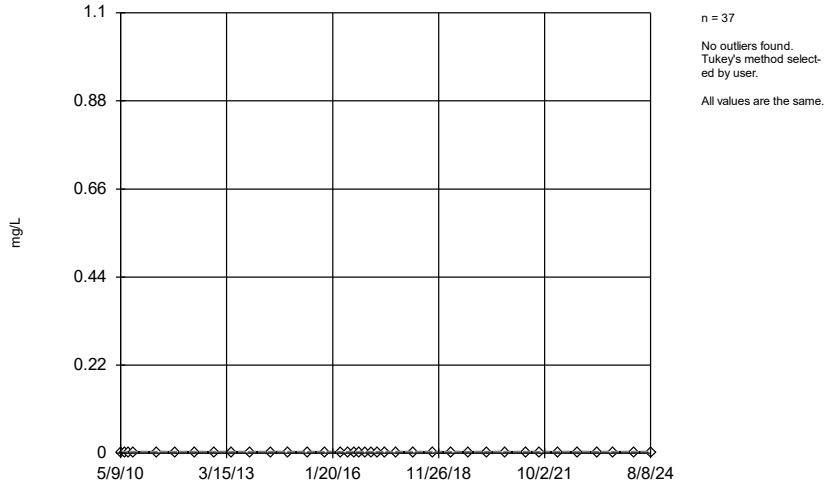
Constituent: Beryllium Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-14



n = 37

No outliers found. Tukey's method select-ed by user.

All values are the same.

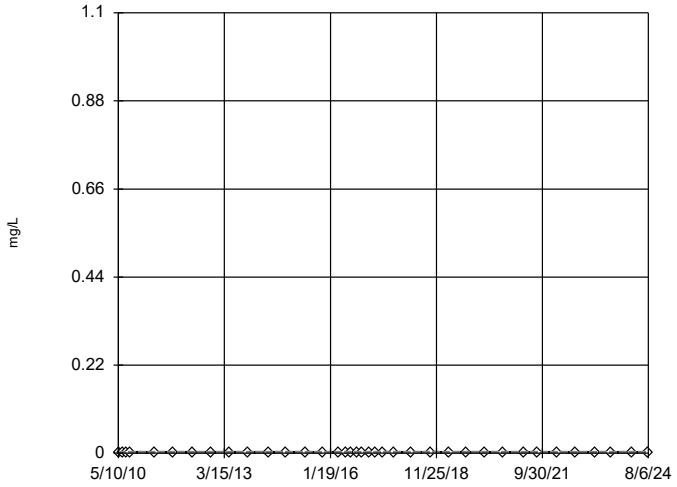
Constituent: Beryllium Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-18



n = 37

No outliers found. Tukey's method select-ed by user.

All values are the same.

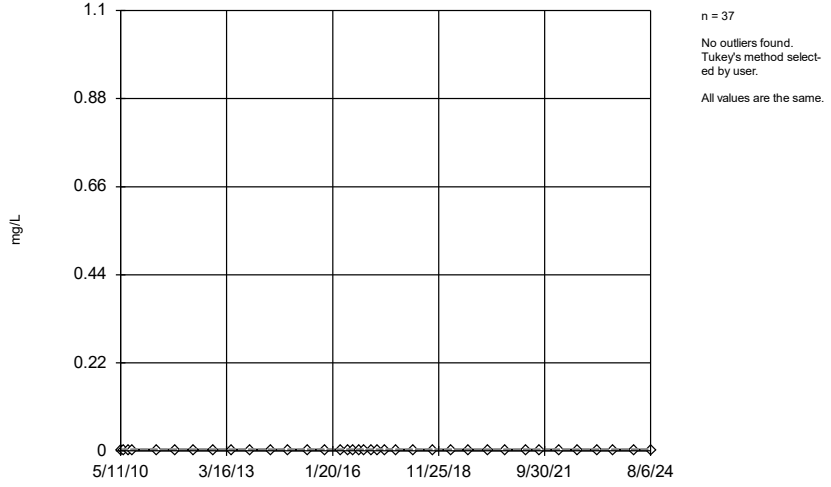
Constituent: Beryllium Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-19



n = 37

No outliers found. Tukey's method select-ed by user.

All values are the same.

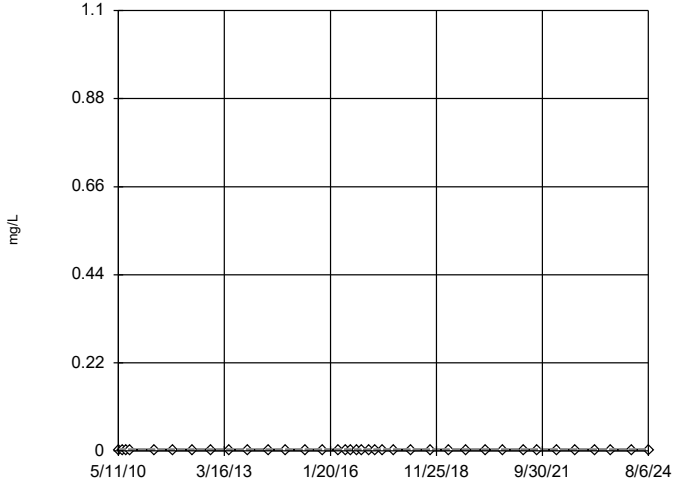
Constituent: Beryllium Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-20



n = 37

No outliers found. Tukey's method select-ed by user.

All values are the same.

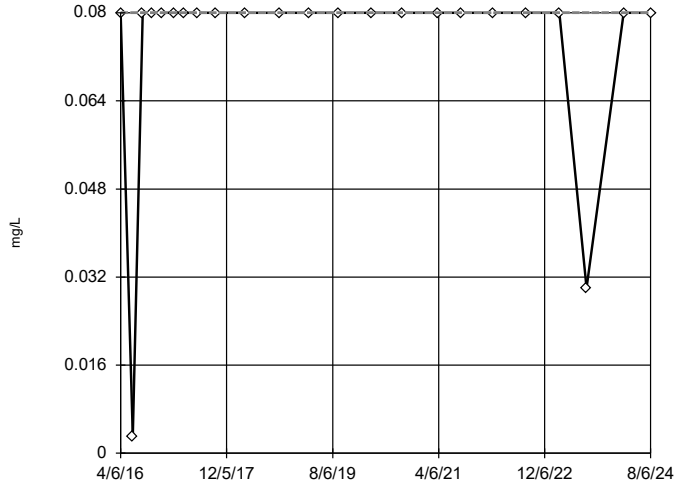
Constituent: Beryllium Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWA-15 (bg)



n = 23

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

The results were invalidated, because the lower and upper quartiles are equal.

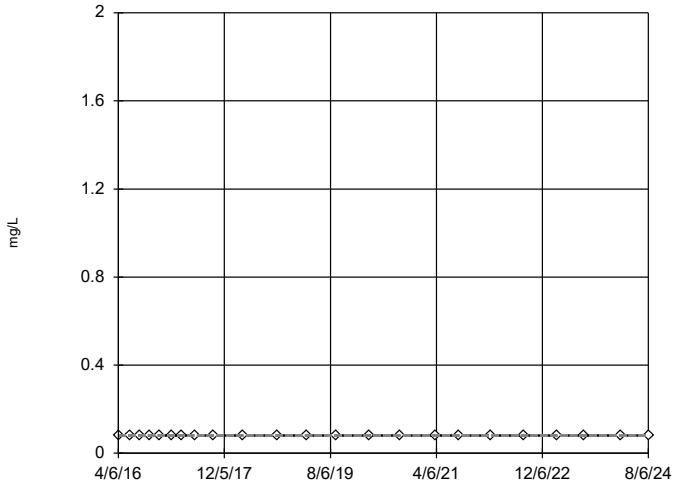
Constituent: Boron Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWA-16 (bg)



n = 23

No outliers found. Tukey's method selected by user.

All values are the same.

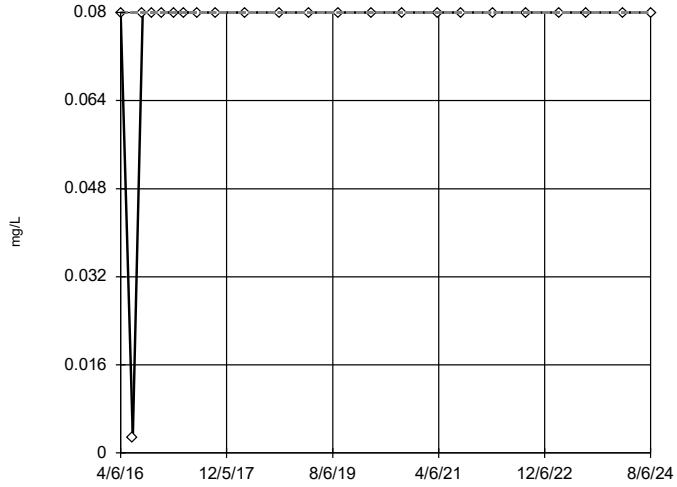
Constituent: Boron Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWA-17 (bg)



n = 23

No outliers found. Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

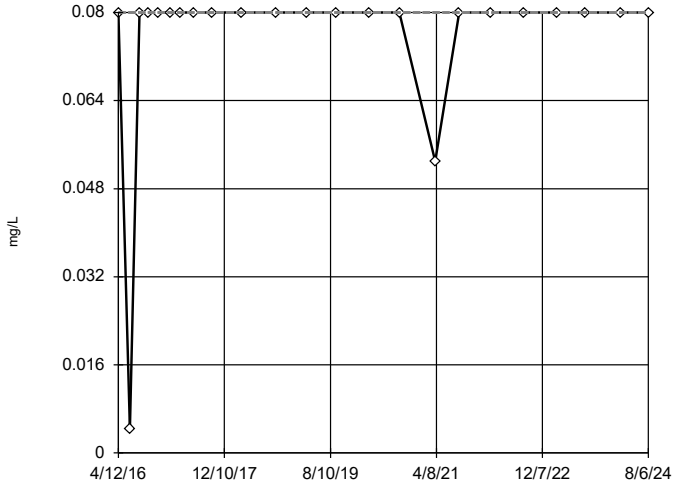
Constituent: Boron Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-1



n = 23

No outliers found. Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

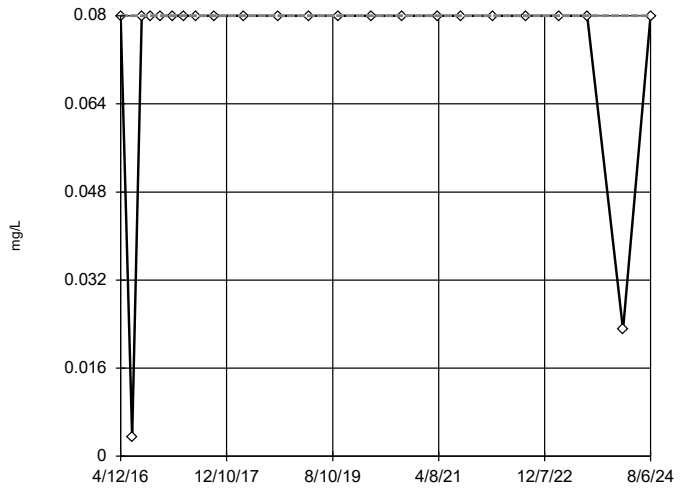
Constituent: Boron Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-2



n = 23

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

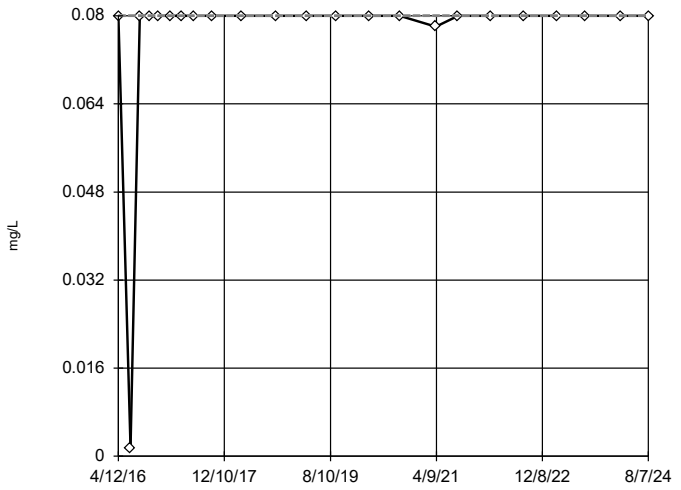
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Boron Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Tukey's Outlier Screening

GWC-3



n = 23

No outliers found. Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

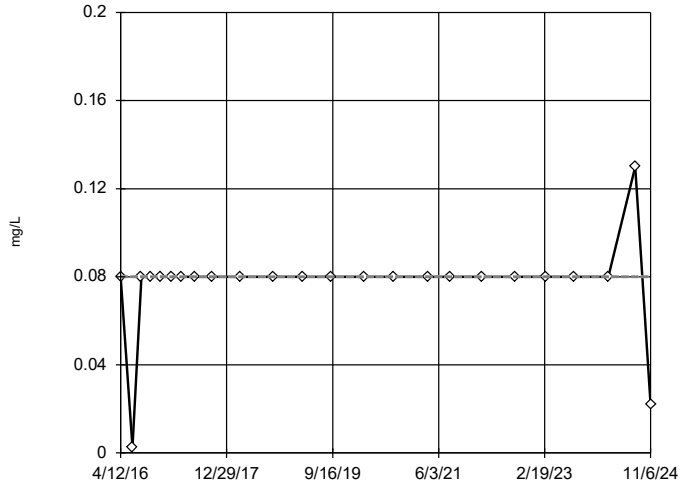
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Boron Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Tukey's Outlier Screening

GWC-4



n = 24

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

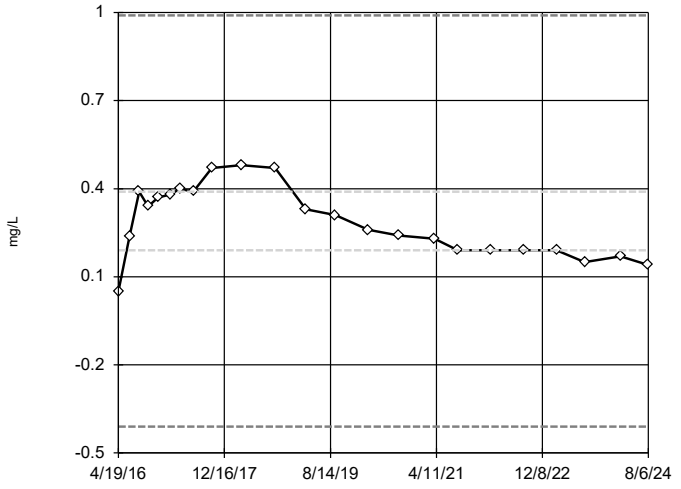
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Boron Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-5



n = 23

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

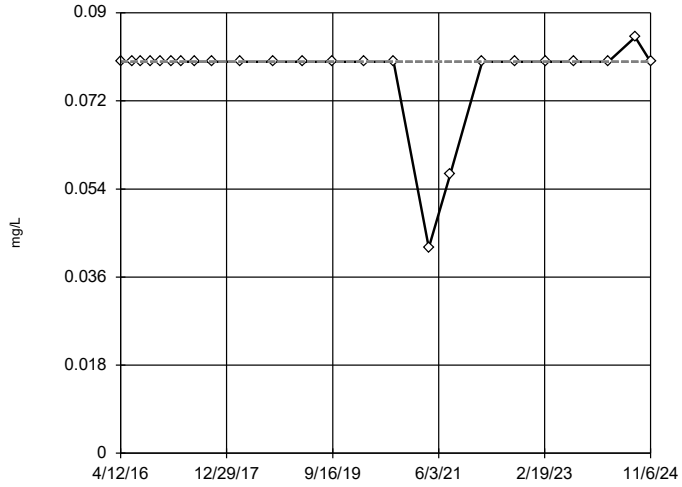
High cutoff = 0.99, low cutoff = -0.41, based on IQR multiplier of 3.

Constituent: Boron Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-6



n = 24

No outliers found. Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

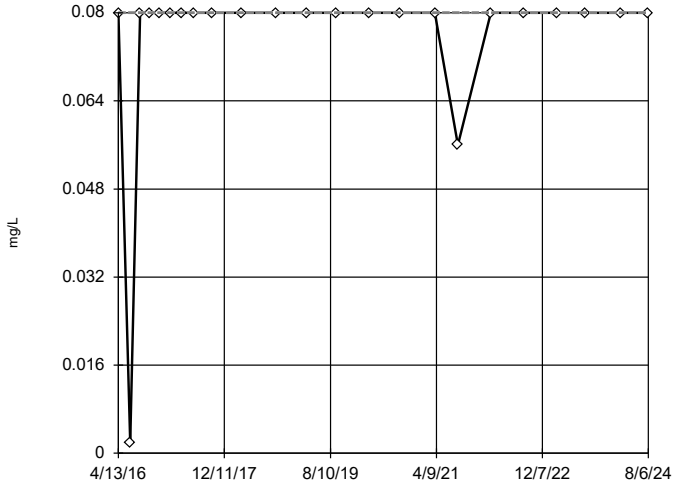
Constituent: Boron Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-7



n = 23

No outliers found. Tukey's method selected by user.

Data were x^4 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

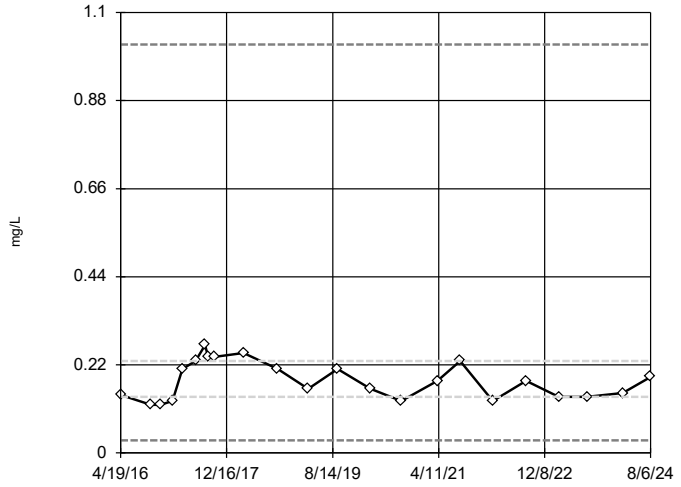
Constituent: Boron Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-8A



n = 23

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 1.02, low cutoff = 0.03157, based on IQR multiplier of 3.

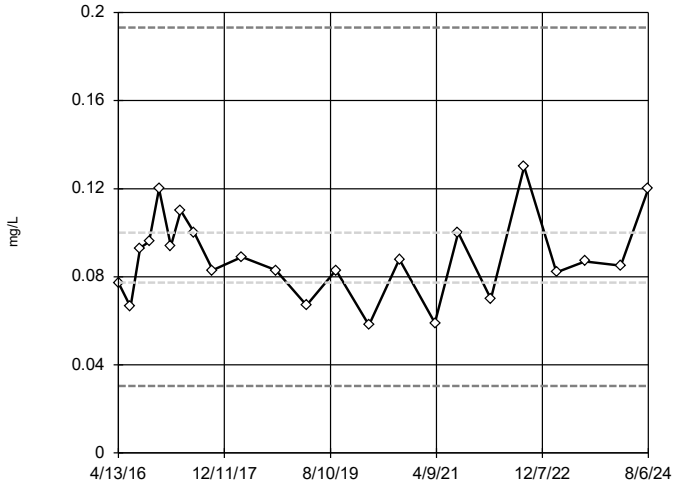
Constituent: Boron Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-9



n = 23

No outliers found. Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.1932, low cutoff = 0.03043, based on IQR multiplier of 3.

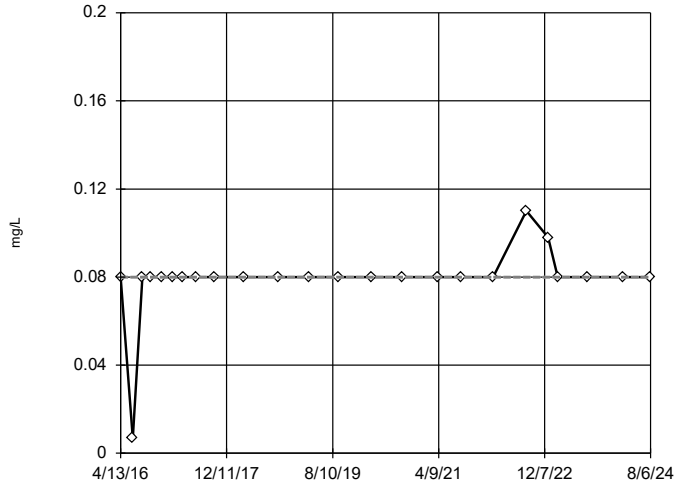
Constituent: Boron Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-10



n = 24

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

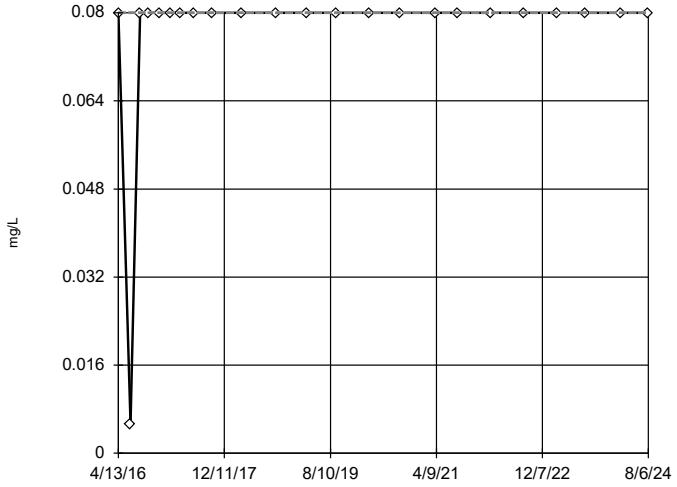
Constituent: Boron Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-11



n = 23

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

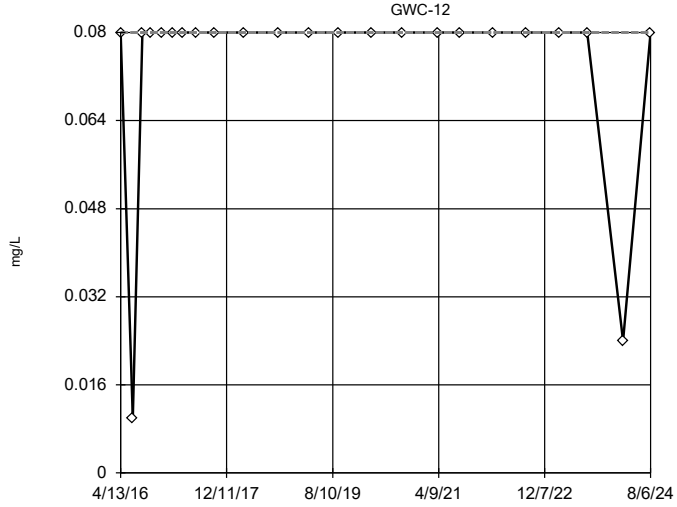
Constituent: Boron Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-12



n = 23

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

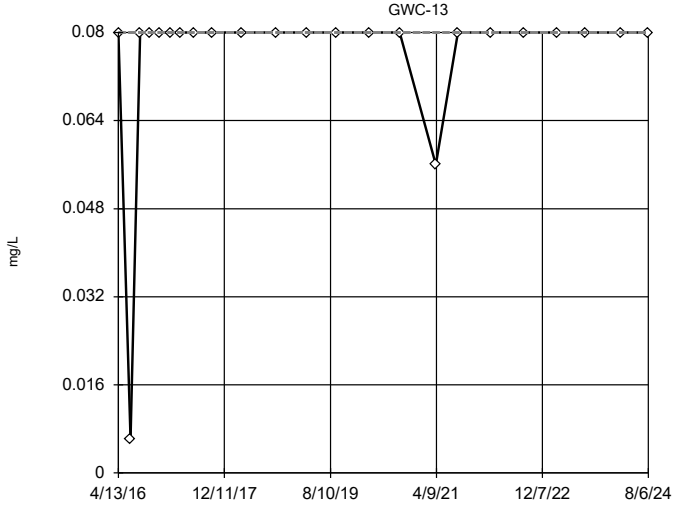
Constituent: Boron Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-13



n = 23

No outliers found. Tukey's method selected by user.

Data were x^4 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

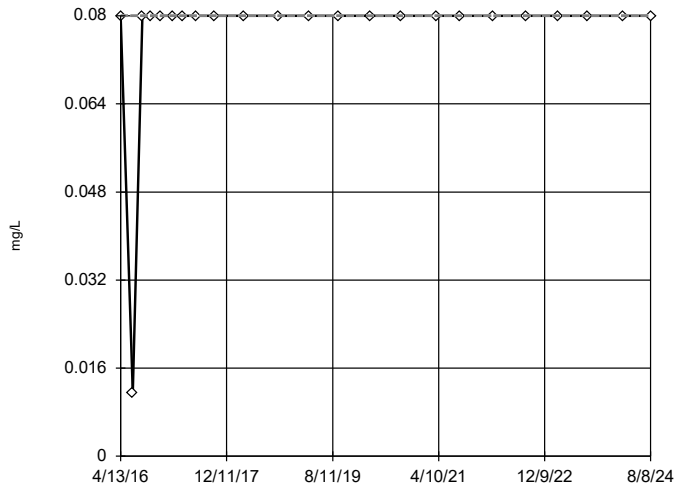
Constituent: Boron Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-14



n = 23

No outliers found. Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

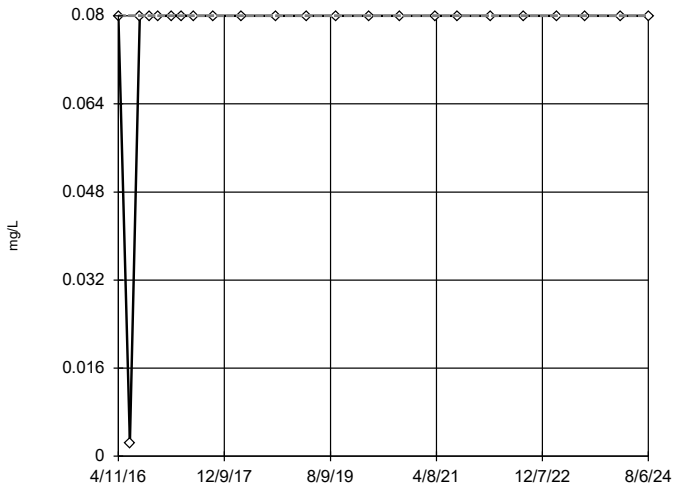
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Boron Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-18



n = 23

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

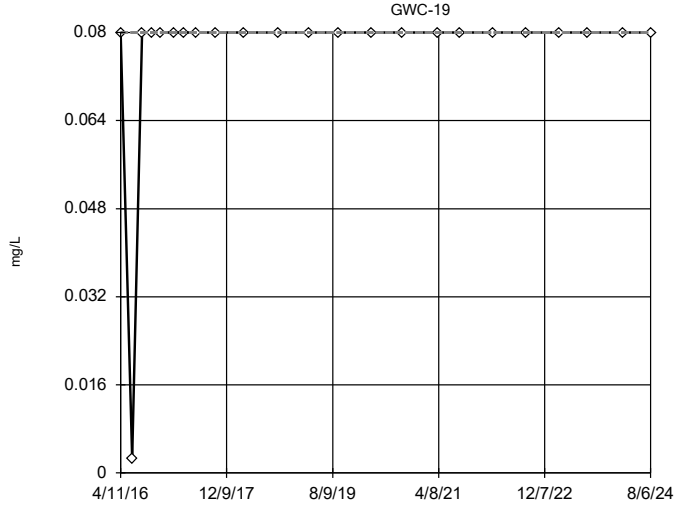
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Boron Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-19



n = 23

No outliers found. Tukey's method selected by user.

Data were x^4 transformed to achieve best W statistic (graph shown in original units).

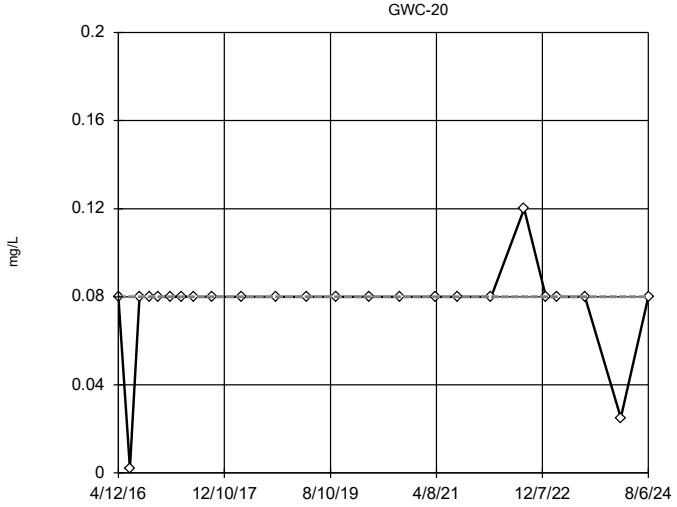
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Boron Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-20



n = 24

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

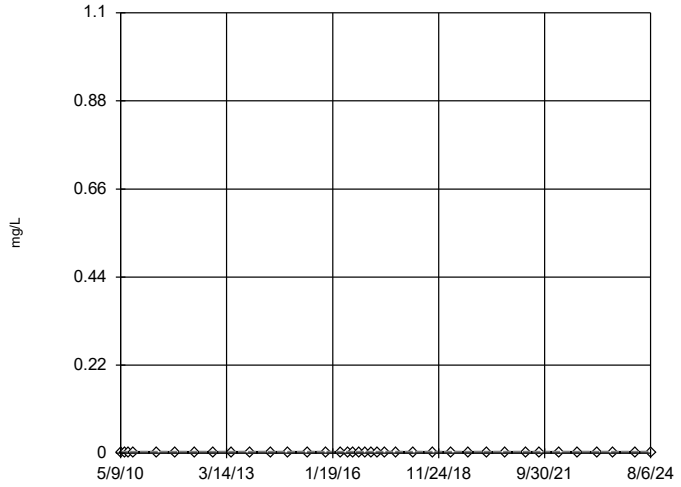
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Boron Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWA-15 (bg)



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

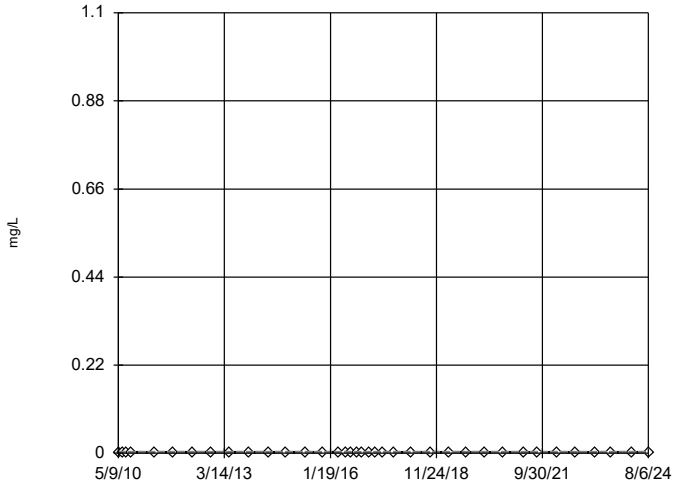
Constituent: Cadmium Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWA-16 (bg)



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

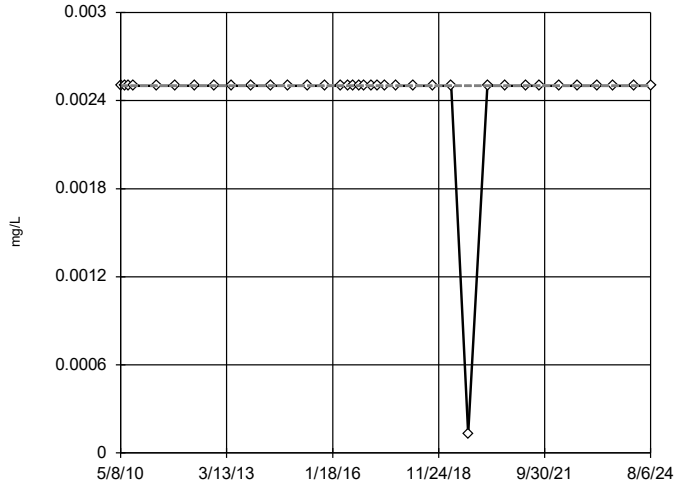
Constituent: Cadmium Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWA-17 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

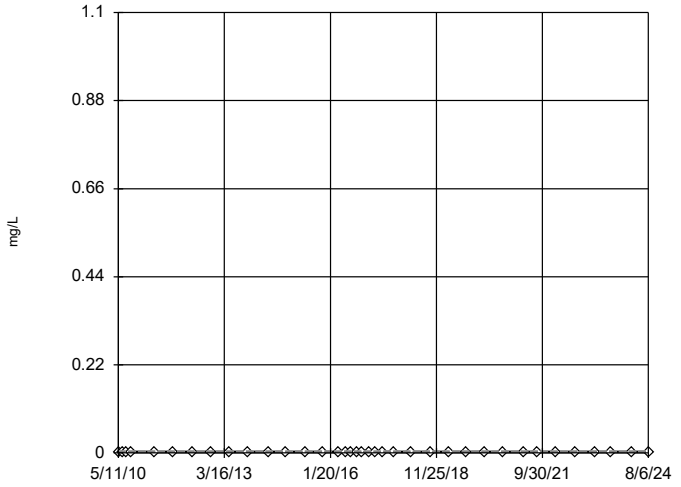
Constituent: Cadmium Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-1



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

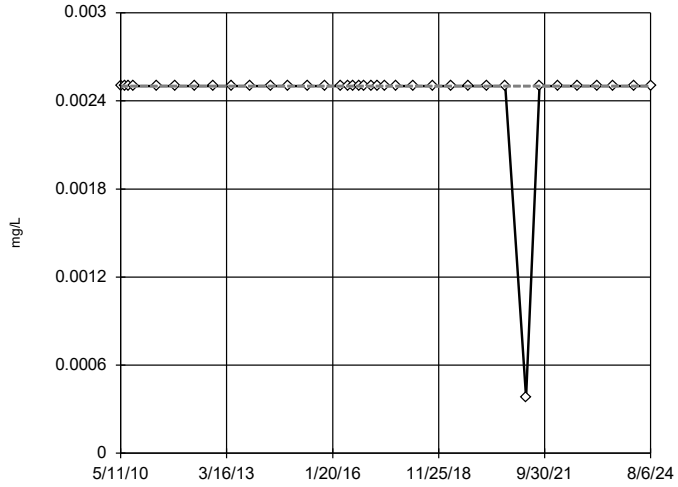
Constituent: Cadmium Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-2



n = 37

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

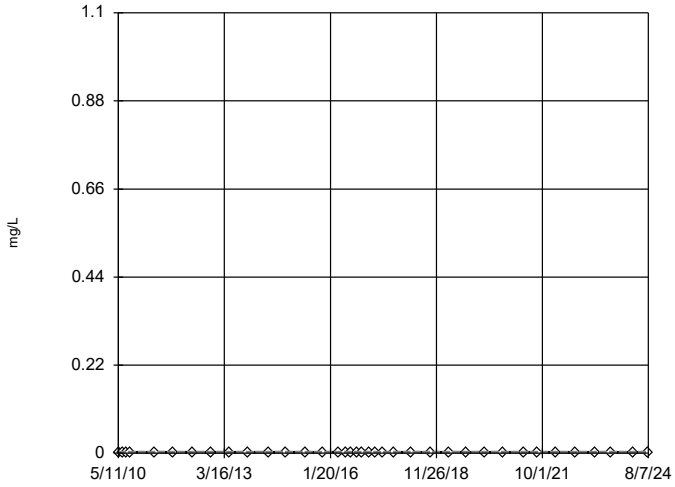
Constituent: Cadmium Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-3



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

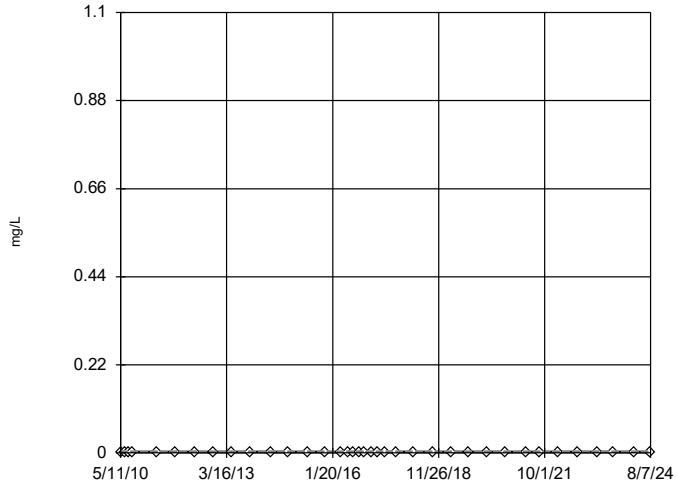
Constituent: Cadmium Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-4



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

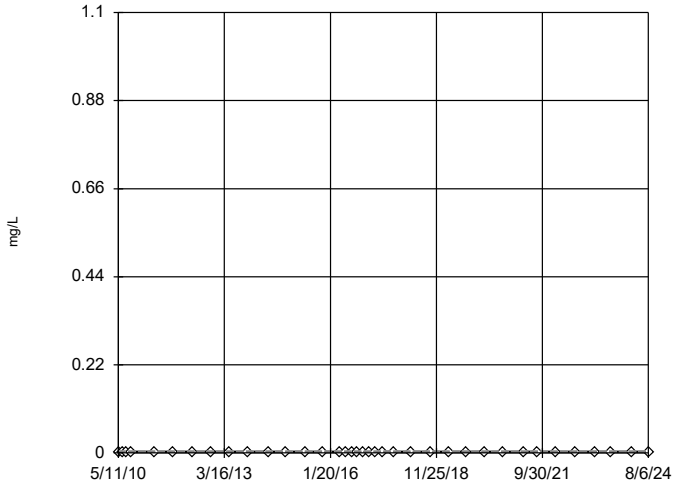
Constituent: Cadmium Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-5



n = 37

No outliers found. Tukey's method selected by user.

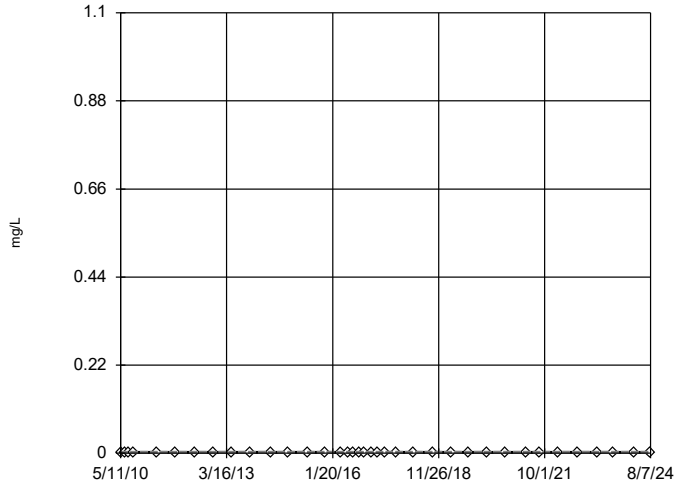
All values are the same.

Constituent: Cadmium Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

Tukey's Outlier Screening

GWC-6



n = 37

No outliers found. Tukey's method selected by user.

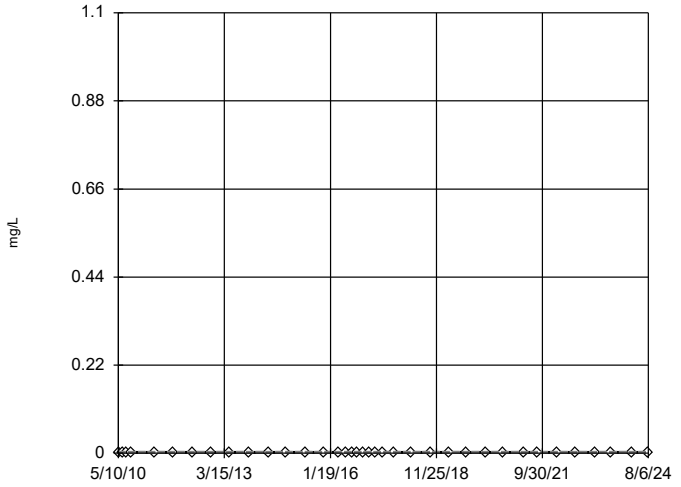
All values are the same.

Constituent: Cadmium Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-7



n = 37

No outliers found. Tukey's method selected by user.

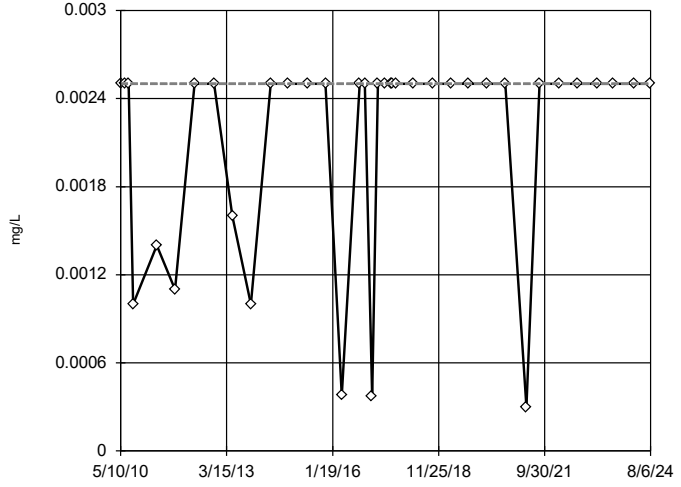
All values are the same.

Constituent: Cadmium Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-8A



n = 37

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

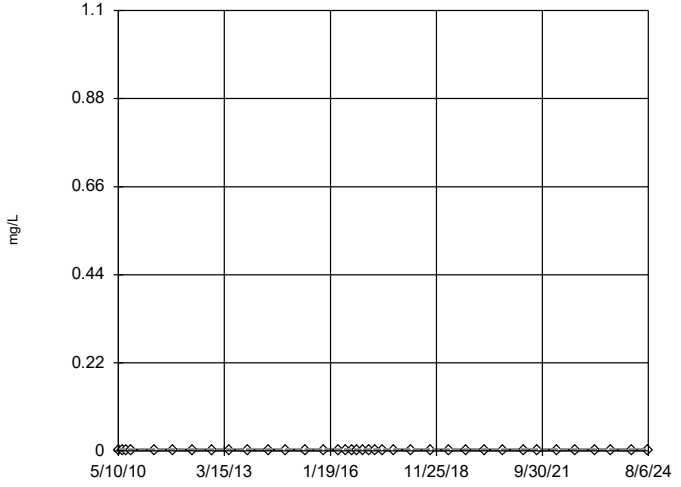
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Cadmium Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-9



n = 37

No outliers found. Tukey's method selected by user.

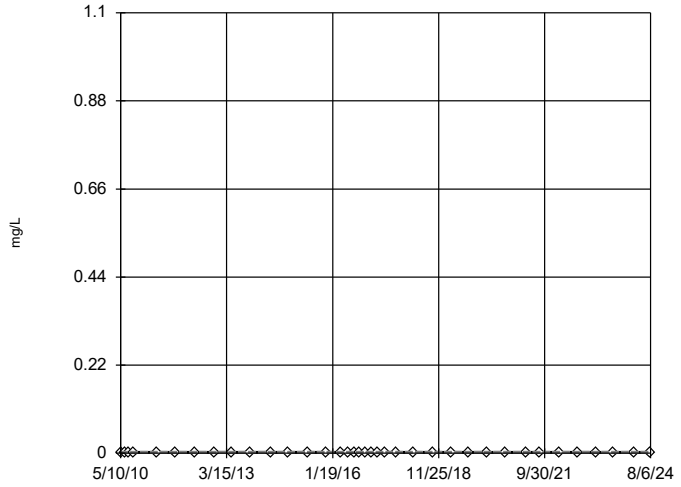
All values are the same.

Constituent: Cadmium Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-10



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

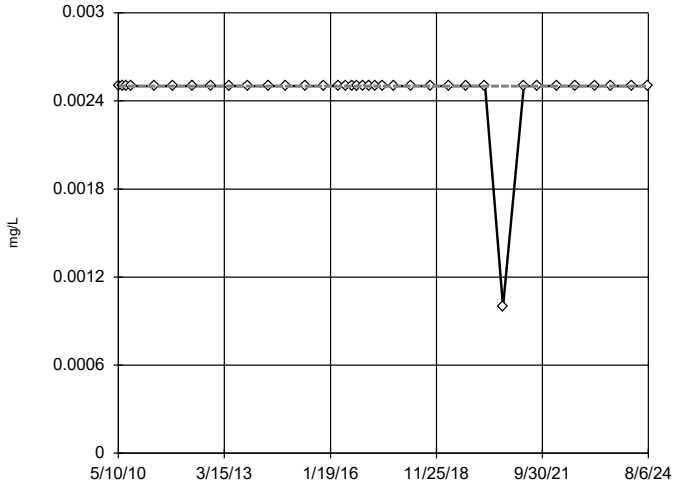
Constituent: Cadmium Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-11



n = 37

No outliers found. Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

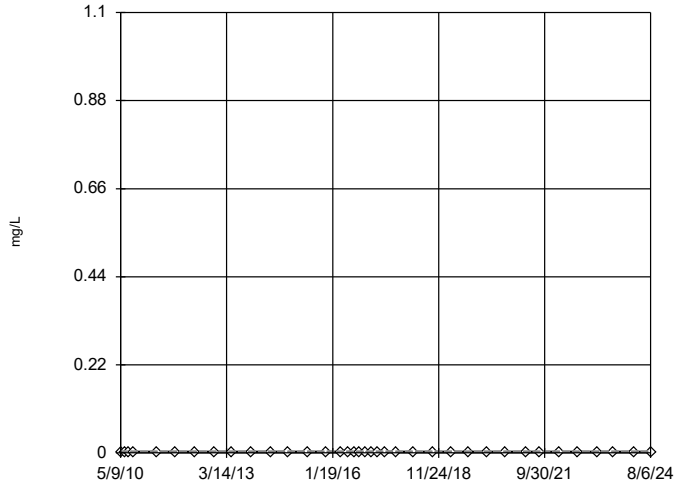
Constituent: Cadmium Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-12



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

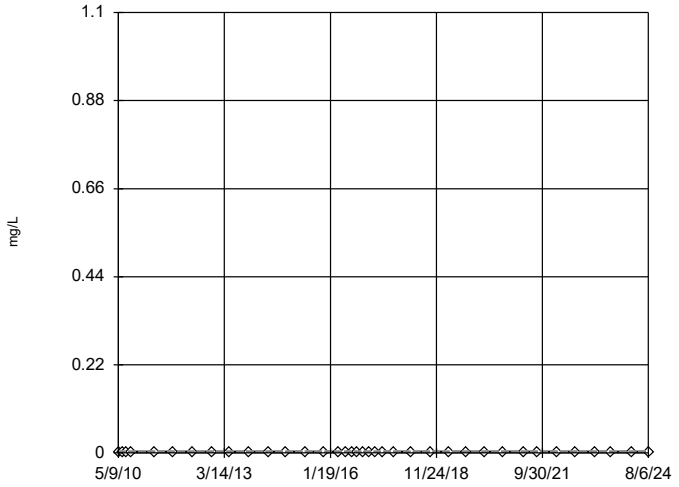
Constituent: Cadmium Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-13



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

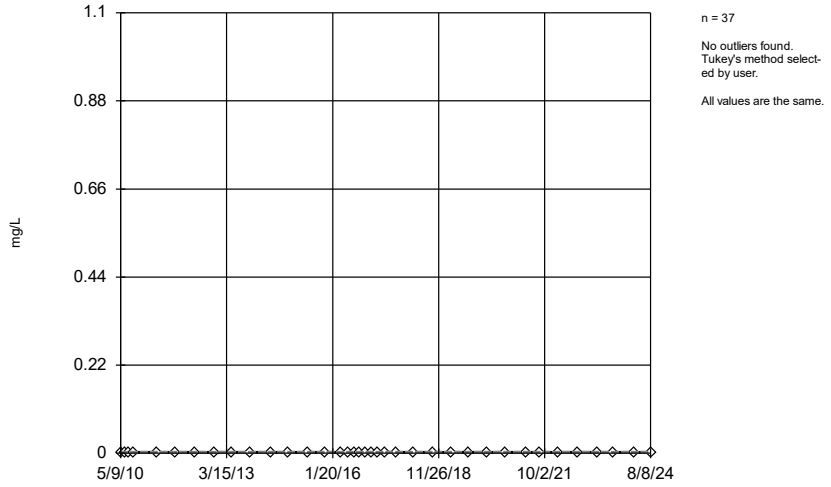
Constituent: Cadmium Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Tukey's Outlier Screening

GWC-14



n = 37

No outliers found. Tukey's method select-ed by user.

All values are the same.

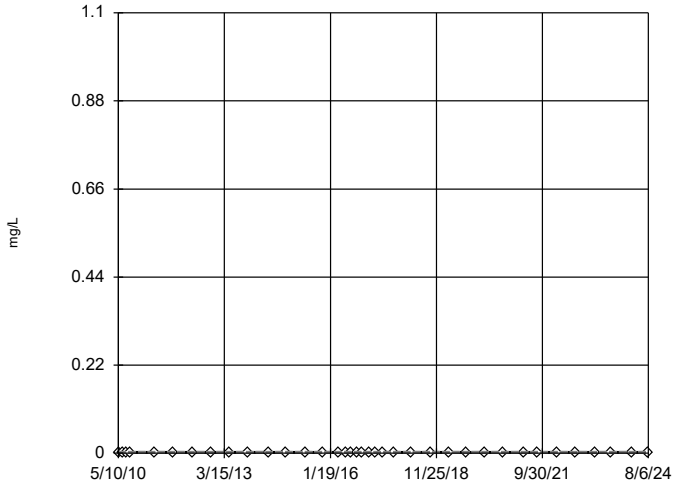
Constituent: Cadmium Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-18



n = 37

No outliers found. Tukey's method select-ed by user.

All values are the same.

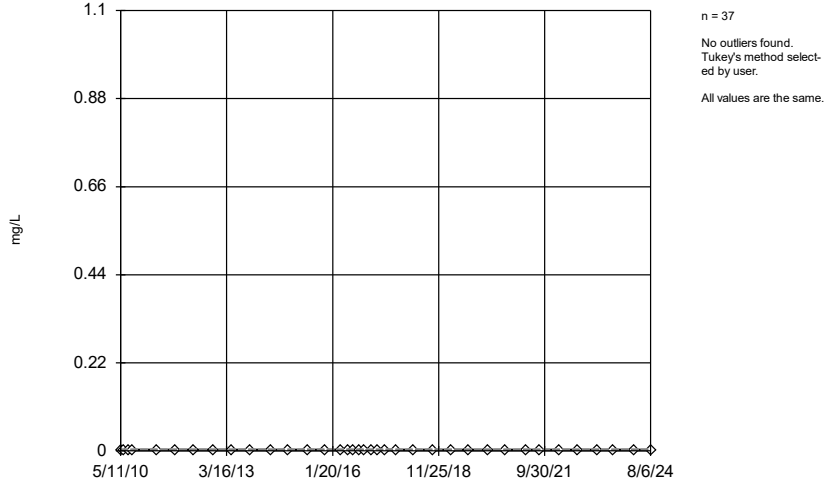
Constituent: Cadmium Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-19



n = 37

No outliers found. Tukey's method select-ed by user.

All values are the same.

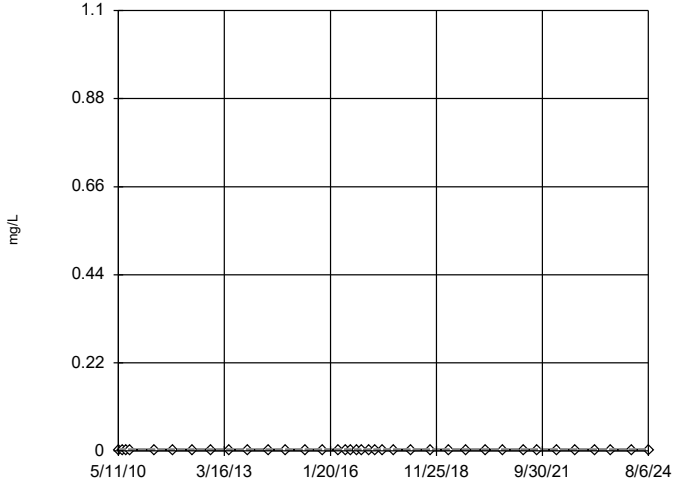
Constituent: Cadmium Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-20



n = 37

No outliers found. Tukey's method select-ed by user.

All values are the same.

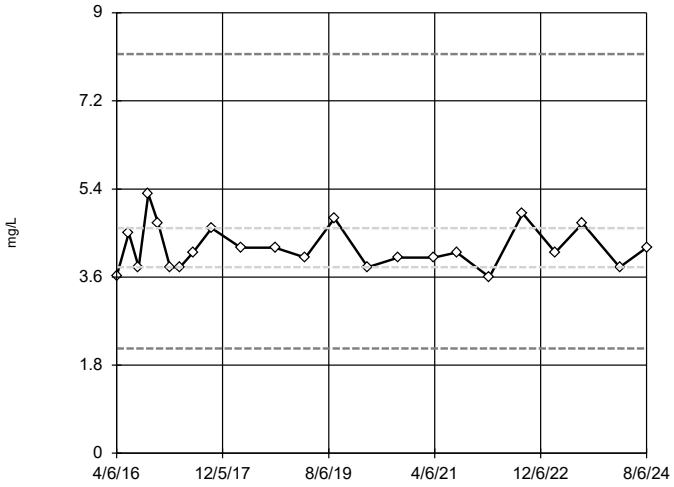
Constituent: Cadmium Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWA-15 (bg)



n = 23

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 8.16, low cutoff = 2.142, based on IQR multiplier of 3.

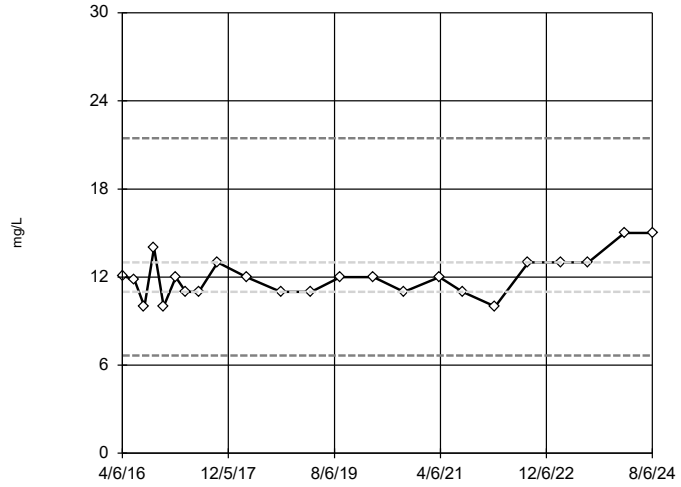
Constituent: Calcium Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis

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Tukey's Outlier Screening

GWA-16 (bg)



n = 23

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 21.46, low cutoff = 6.664, based on IQR multiplier of 3.

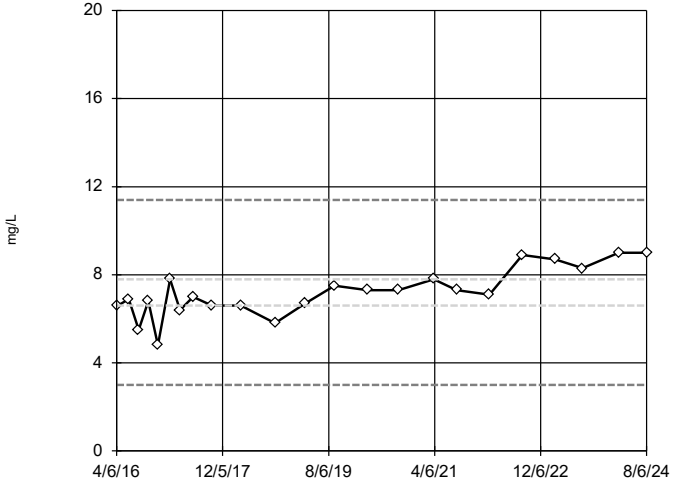
Constituent: Calcium Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis

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Tukey's Outlier Screening

GWA-17 (bg)



n = 23

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

High cutoff = 11.4, low cutoff = 3, based on IQR multiplier of 3.

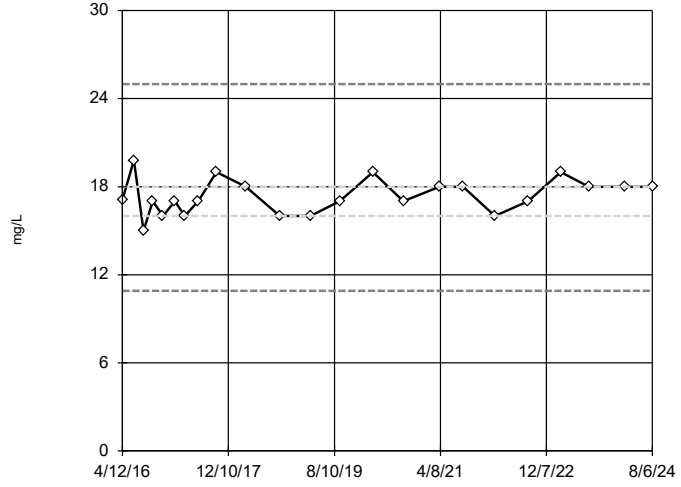
Constituent: Calcium Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis

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Tukey's Outlier Screening

GWC-1



n = 23

No outliers found. Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

High cutoff = 24.99, low cutoff = 10.9, based on IQR multiplier of 3.

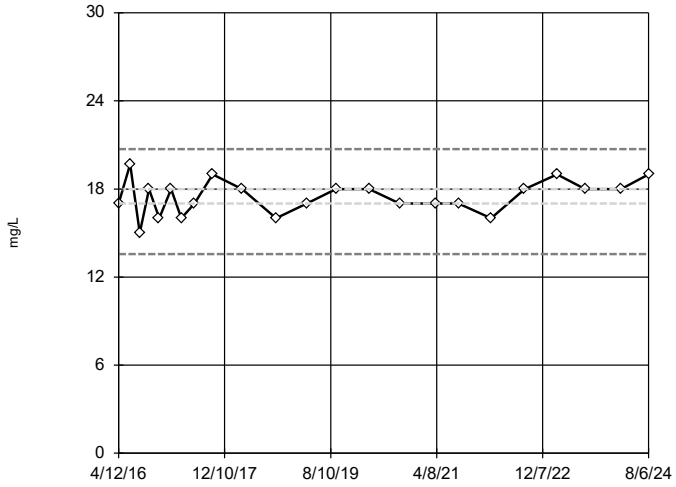
Constituent: Calcium Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis

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Tukey's Outlier Screening

GWC-2



n = 23

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

High cutoff = 20.71, low cutoff = 13.56, based on IQR multiplier of 3.

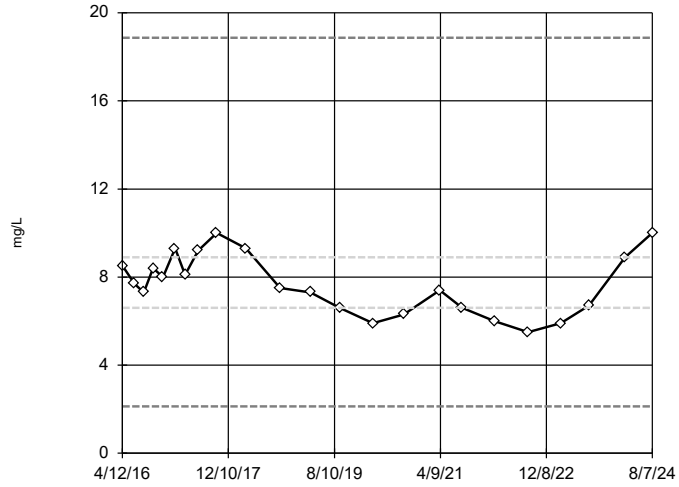
Constituent: Calcium Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis

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Tukey's Outlier Screening

GWC-3



n = 23

No outliers found. Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

High cutoff = 18.87, low cutoff = 2.127, based on IQR multiplier of 3.

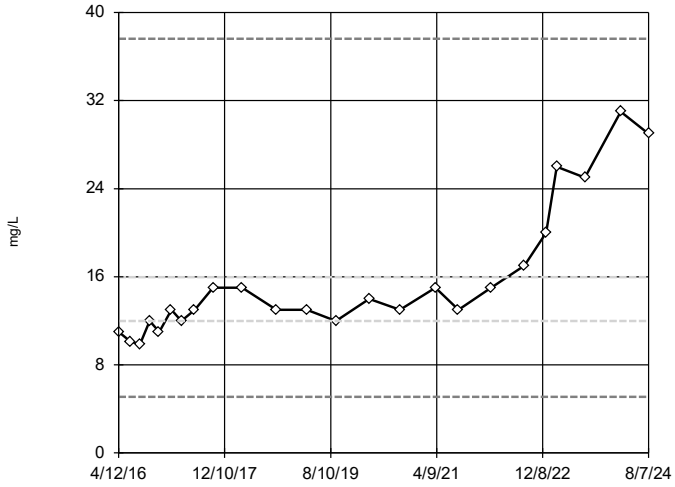
Constituent: Calcium Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis

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Tukey's Outlier Screening

GWC-4



n = 24

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 37.63, low cutoff = 5.092, based on IQR multiplier of 3.

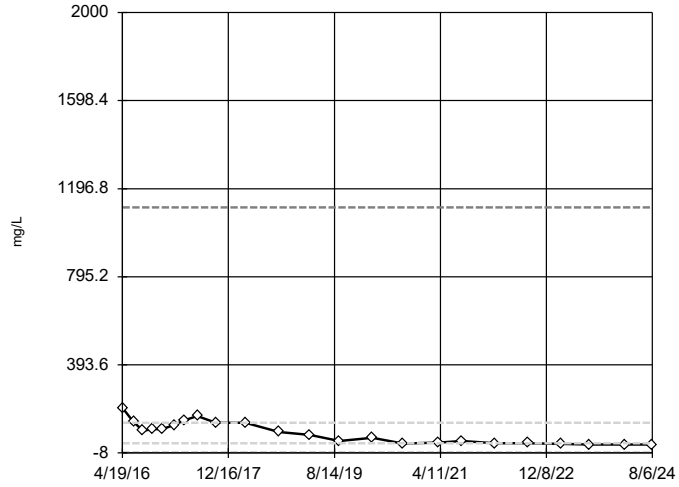
Constituent: Calcium Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis

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Tukey's Outlier Screening

GWC-5



n = 23

No outliers found. Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

High cutoff = 1111, low cutoff = -7.877, based on IQR multiplier of 3.

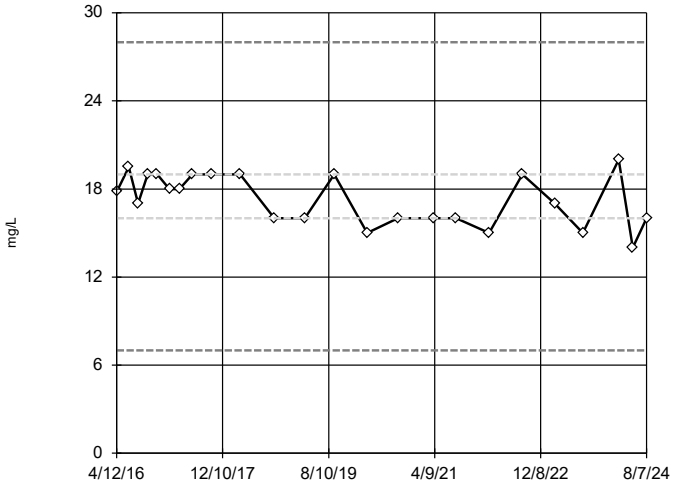
Constituent: Calcium Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis

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Tukey's Outlier Screening

GWC-6



n = 24

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

High cutoff = 28, low cutoff = 7, based on IQR multiplier of 3.

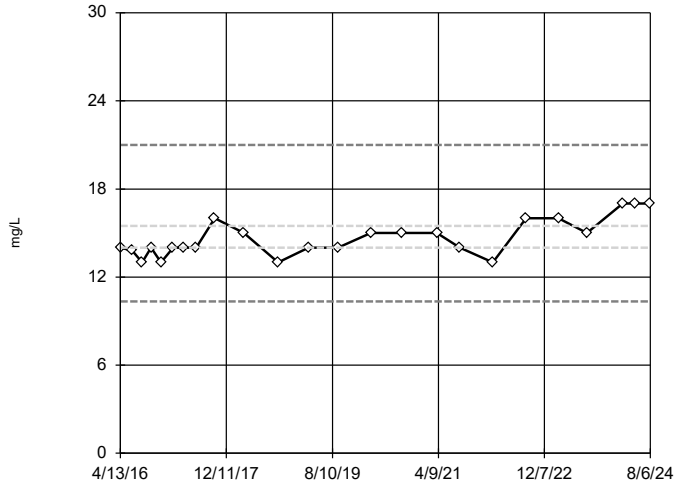
Constituent: Calcium Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis

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Tukey's Outlier Screening

GWC-7



n = 24

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 20.99, low cutoff = 10.33, based on IQR multiplier of 3.

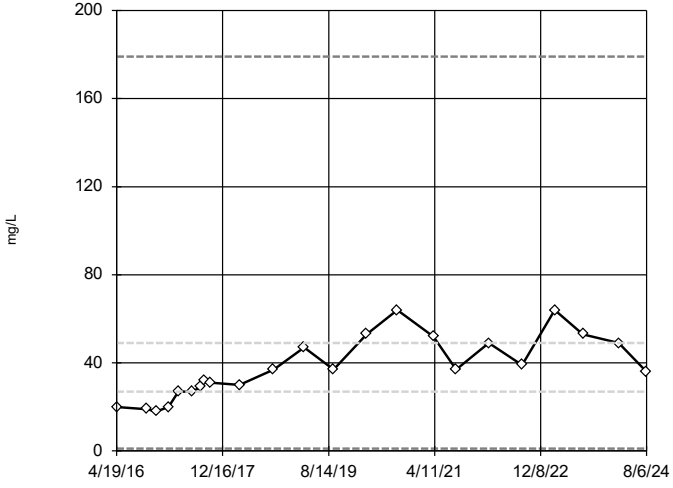
Constituent: Calcium Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis

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Tukey's Outlier Screening

GWC-8A



n = 23

No outliers found. Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

High cutoff = 179.1, low cutoff = 1.068, based on IQR multiplier of 3.

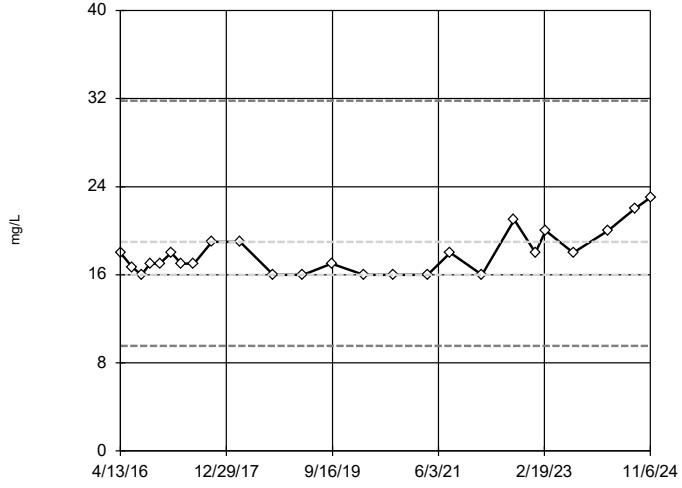
Constituent: Calcium Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis

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Tukey's Outlier Screening

GWC-9



n = 25

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

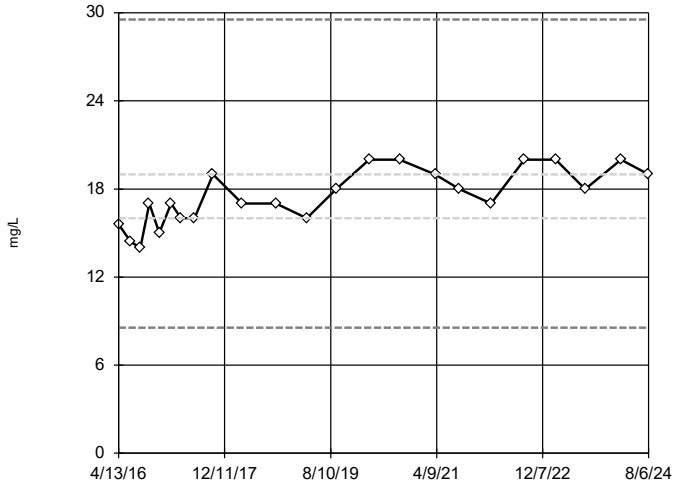
High cutoff = 31.82, low cutoff = 9.555, based on IQR multiplier of 3.

Constituent: Calcium Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis

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Tukey's Outlier Screening

GWC-10



n = 23

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

High cutoff = 29.55, low cutoff = 8.546, based on IQR multiplier of 3.

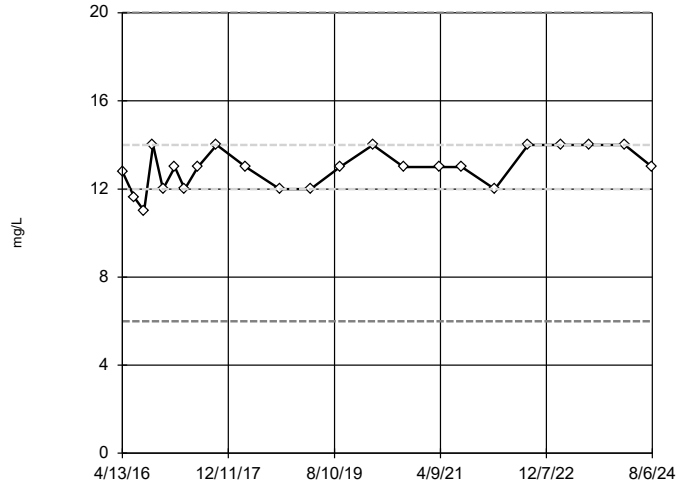
Constituent: Calcium Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis

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Tukey's Outlier Screening

GWC-11



n = 23

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

High cutoff = 20, low cutoff = 6, based on IQR multiplier of 3.

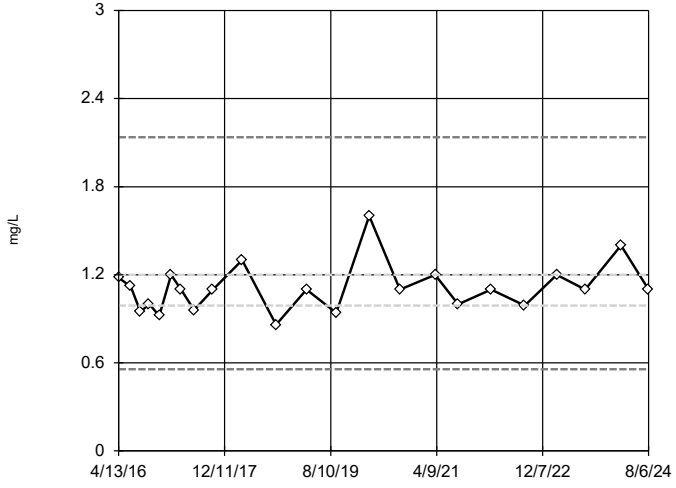
Constituent: Calcium Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis

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Tukey's Outlier Screening

GWC-12



n = 23

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 2.137, low cutoff = 0.5559, based on IQR multiplier of 3.

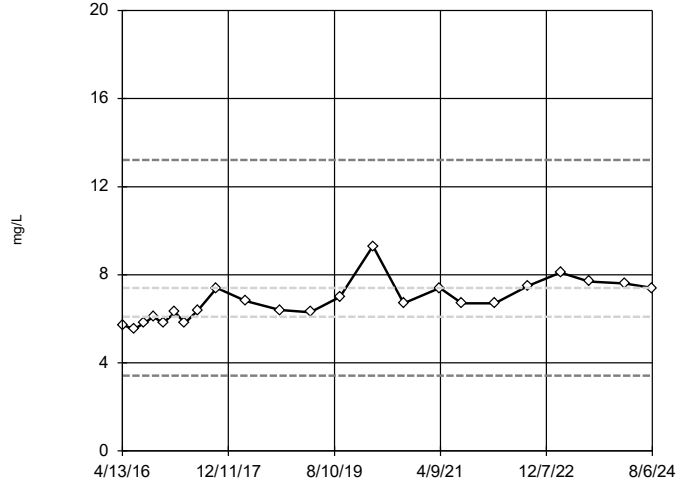
Constituent: Calcium Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis

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Tukey's Outlier Screening

GWC-13



n = 23

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 13.21, low cutoff = 3.417, based on IQR multiplier of 3.

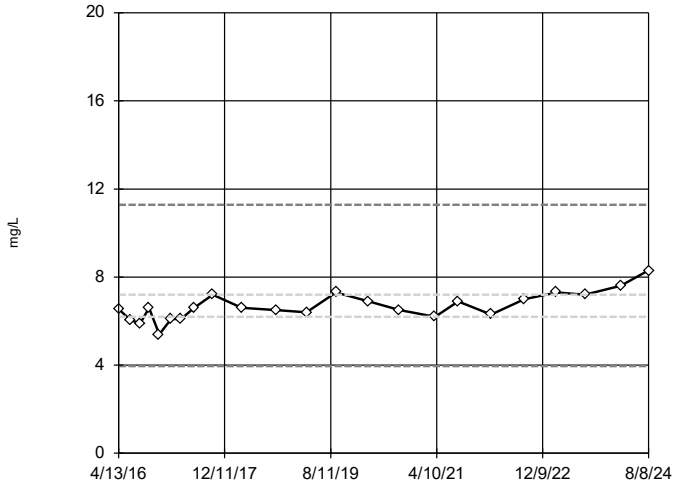
Constituent: Calcium Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis

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Tukey's Outlier Screening

GWC-14



n = 23

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 11.28, low cutoff = 3.959, based on IQR multiplier of 3.

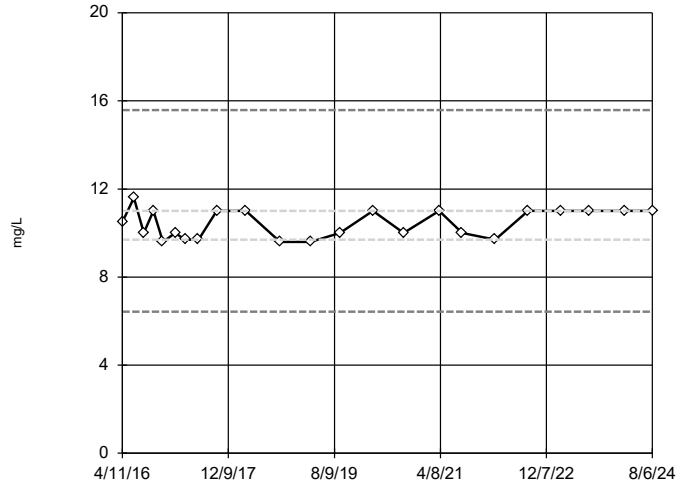
Constituent: Calcium Analysis Run 4/16/2025 10:50 AM View: Outlier Analysis

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Tukey's Outlier Screening

GWC-18



n = 23

No outliers found. Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

High cutoff = 15.59, low cutoff = 6.422, based on IQR multiplier of 3.

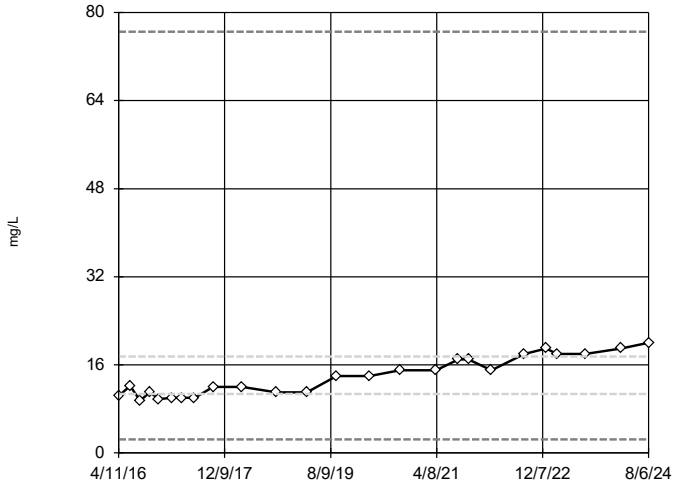
Constituent: Calcium Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis

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Tukey's Outlier Screening

GWC-19



n = 25

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 76.53, low cutoff = 2.445, based on IQR multiplier of 3.

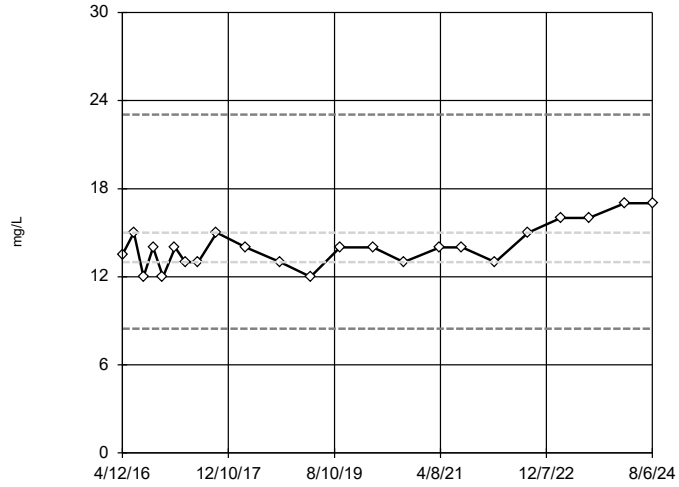
Constituent: Calcium Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis

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Tukey's Outlier Screening

GWC-20



n = 23

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 23.04, low cutoff = 8.463, based on IQR multiplier of 3.

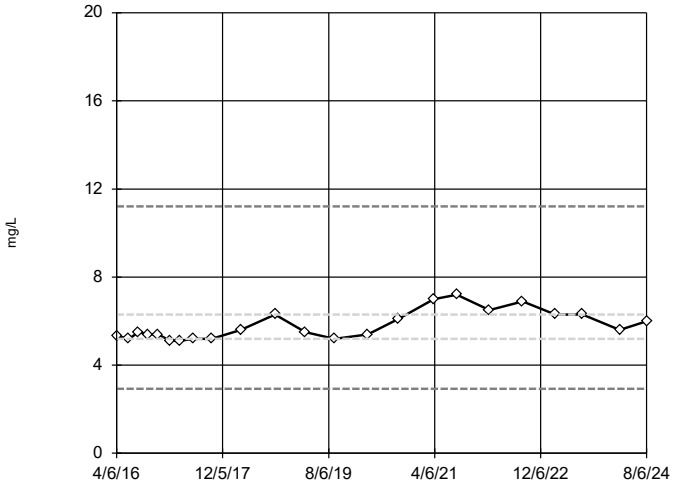
Constituent: Calcium Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis

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Tukey's Outlier Screening

GWA-15 (bg)



n = 23

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 11.2, low cutoff = 2.924, based on IQR multiplier of 3.

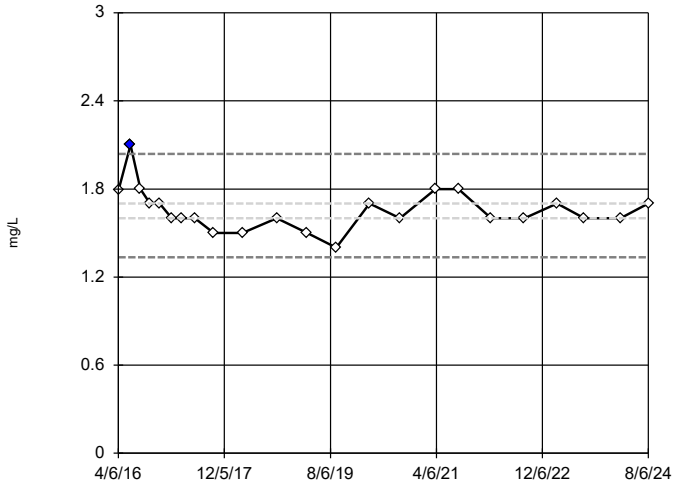
Constituent: Chloride Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis

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Tukey's Outlier Screening

GWA-16 (bg)



n = 23

Outlier is drawn as solid. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 2.039, low cutoff = 1.334, based on IQR multiplier of 3.

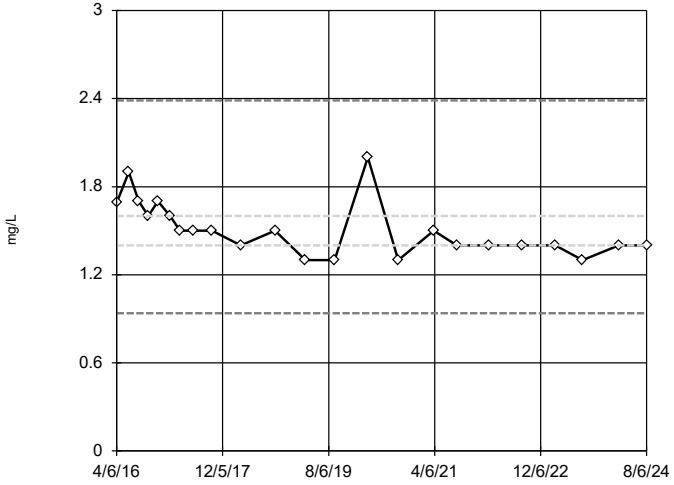
Constituent: Chloride Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis

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Tukey's Outlier Screening

GWA-17 (bg)



n = 23

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 2.388, low cutoff = 0.9379, based on IQR multiplier of 3.

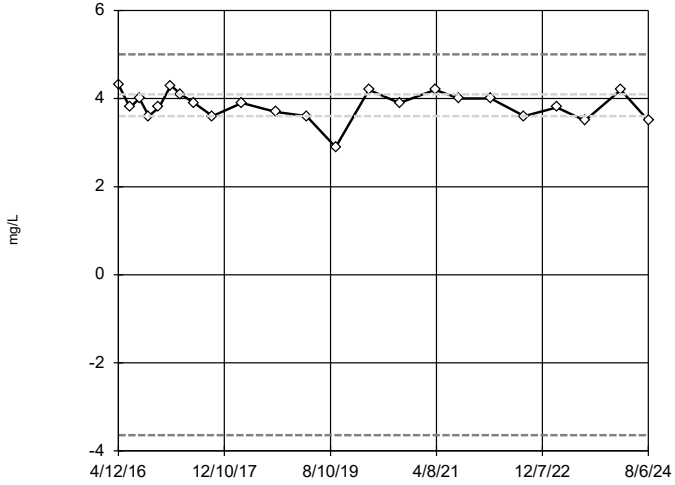
Constituent: Chloride Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis

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Tukey's Outlier Screening

GWC-1



n = 23

No outliers found. Tukey's method selected by user.

Data were x^4 transformed to achieve best W statistic (graph shown in original units).

High cutoff = 5.003, low cutoff = -3.642, based on IQR multiplier of 3.

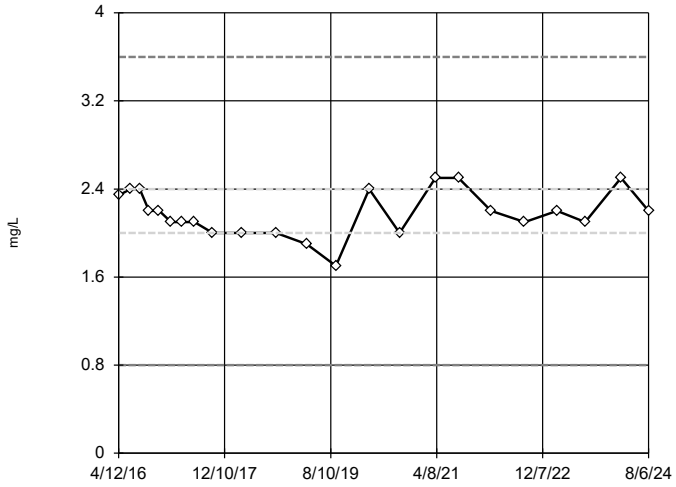
Constituent: Chloride Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis

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Tukey's Outlier Screening

GWC-2



n = 23

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

High cutoff = 3.6, low cutoff = 0.8, based on IQR multiplier of 3.

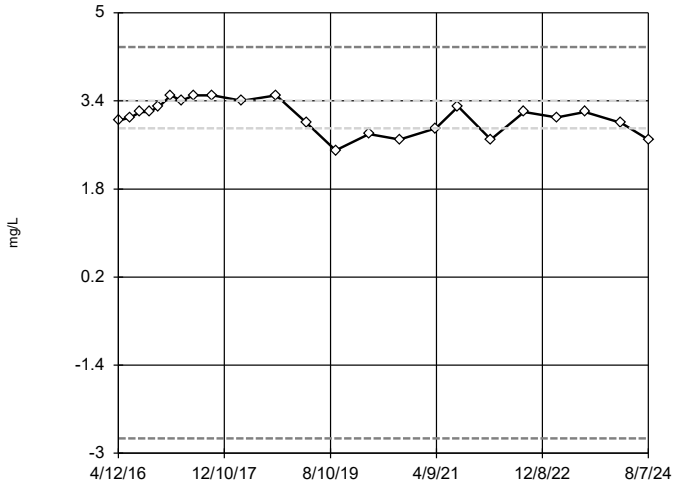
Constituent: Chloride Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis

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Tukey's Outlier Screening

GWC-3



n = 23

No outliers found. Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

High cutoff = 4.38, low cutoff = -2.73, based on IQR multiplier of 3.

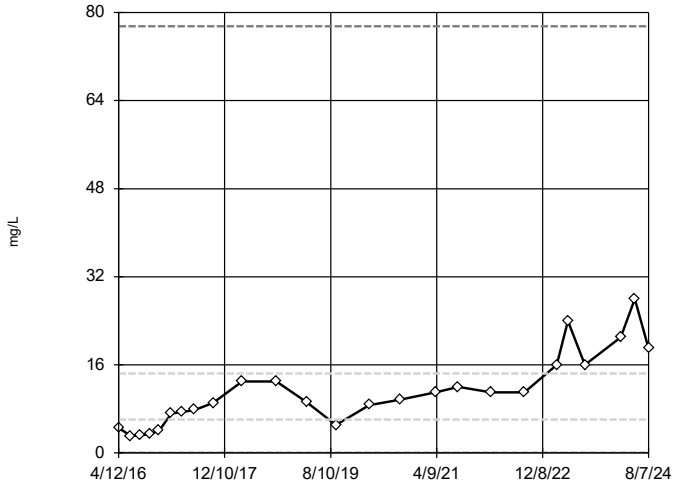
Constituent: Chloride Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis

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Tukey's Outlier Screening

GWC-4



n = 25

No outliers found. Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

High cutoff = 77.52, low cutoff = -1.1e-8, based on IQR multiplier of 3.

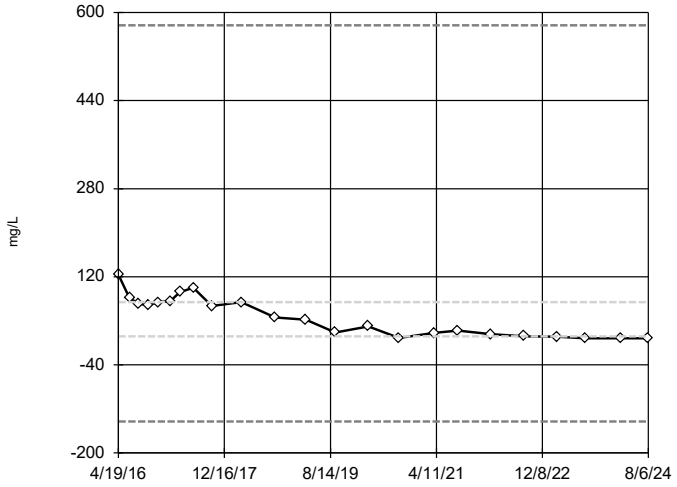
Constituent: Chloride Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-5



n = 23

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

High cutoff = 576.8, low cutoff = -142.8, based on IQR multiplier of 3.

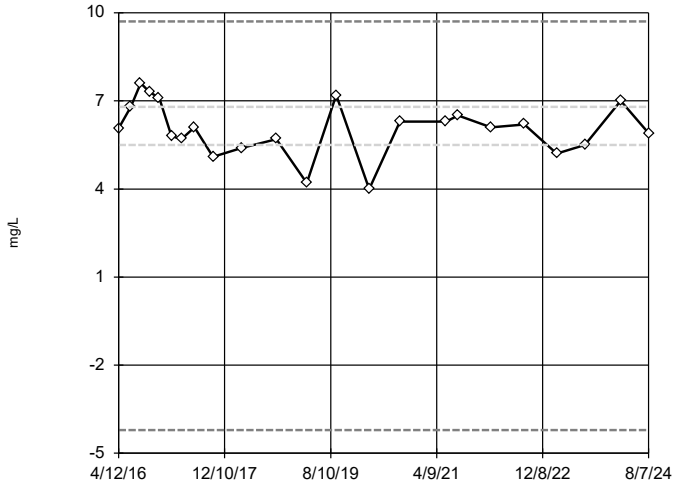
Constituent: Chloride Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis

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Tukey's Outlier Screening

GWC-6



n = 23

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

High cutoff = 9.706, low cutoff = -4.21, based on IQR multiplier of 3.

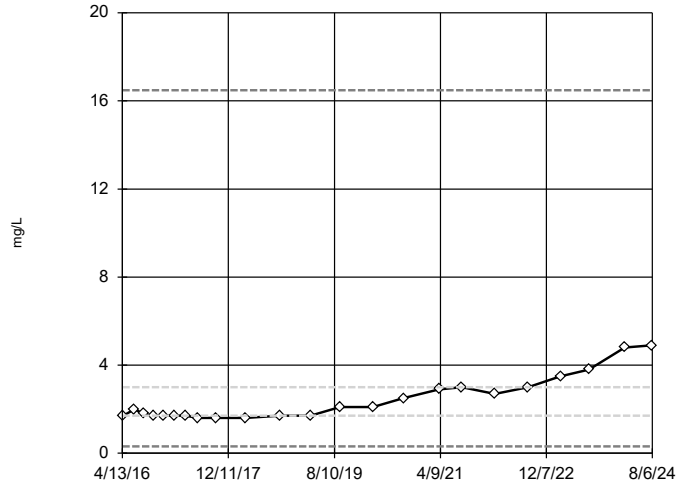
Constituent: Chloride Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis

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Tukey's Outlier Screening

GWC-7



n = 23

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 16.49, low cutoff = 0.3093, based on IQR multiplier of 3.

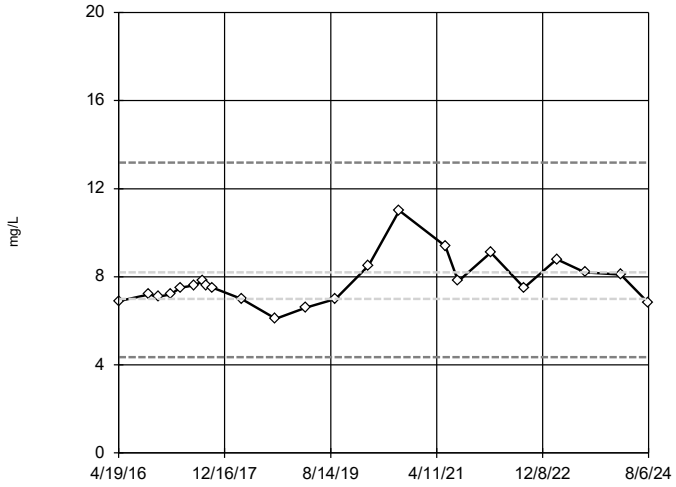
Constituent: Chloride Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-8A



n = 23

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 13.18, low cutoff = 4.355, based on IQR multiplier of 3.

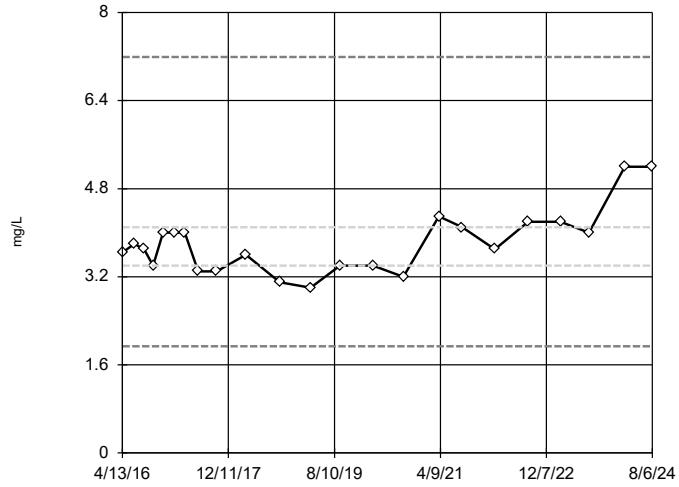
Constituent: Chloride Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-9



n = 23

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 7.189, low cutoff = 1.939, based on IQR multiplier of 3.

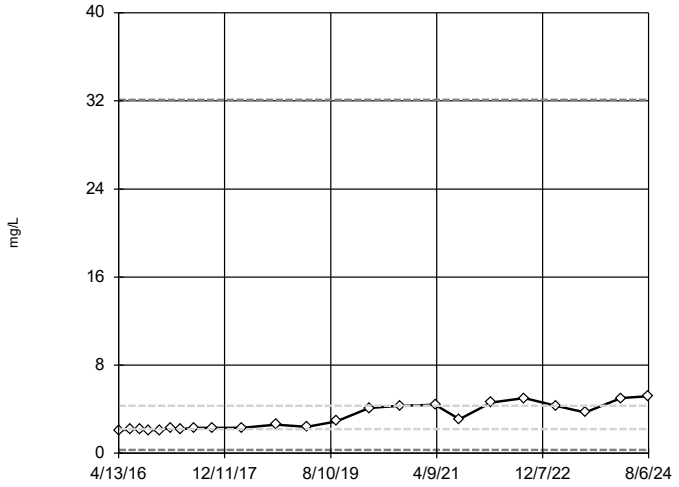
Constituent: Chloride Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-10



n = 23

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 32.11, low cutoff = 0.2946, based on IQR multiplier of 3.

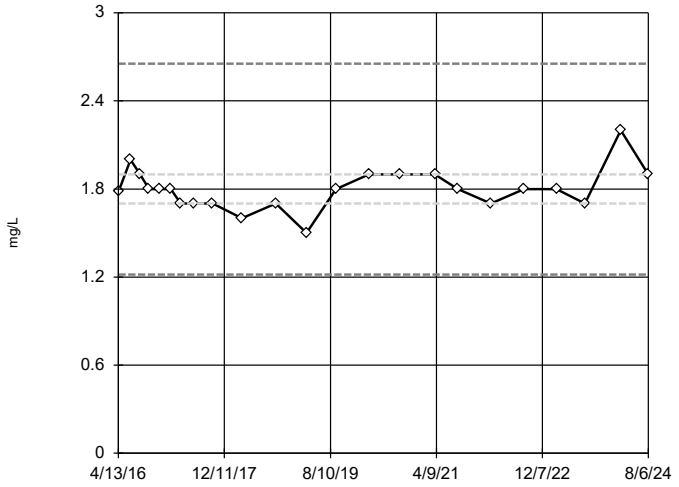
Constituent: Chloride Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-11



n = 23

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 2.653, low cutoff = 1.218, based on IQR multiplier of 3.

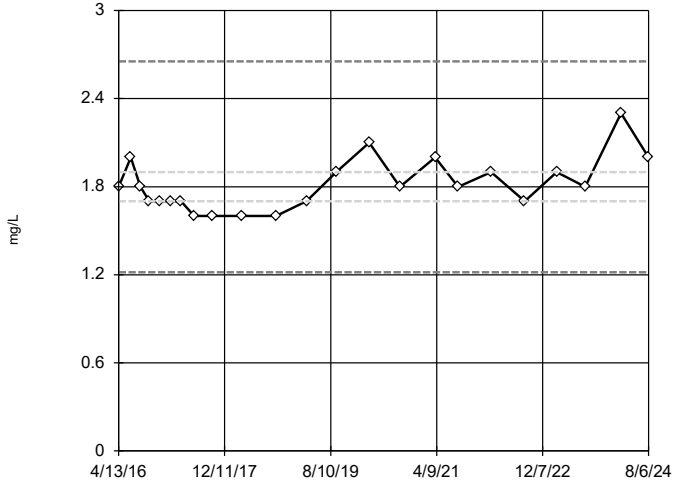
Constituent: Chloride Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-12



n = 23

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 2.653, low cutoff = 1.218, based on IQR multiplier of 3.

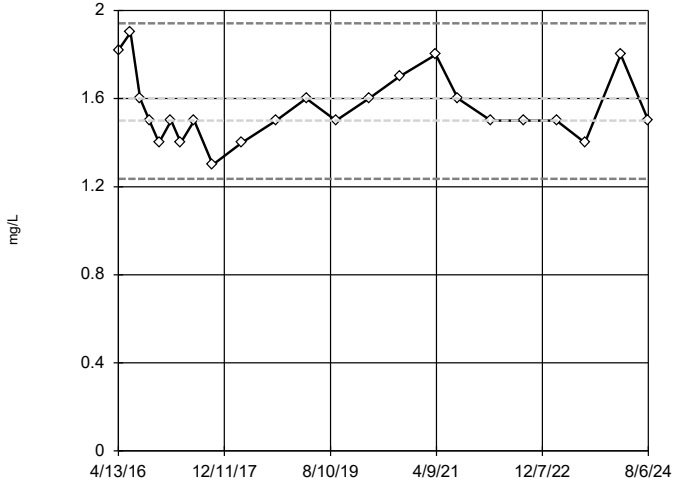
Constituent: Chloride Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-13



n = 23

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 1.942, low cutoff = 1.236, based on IQR multiplier of 3.

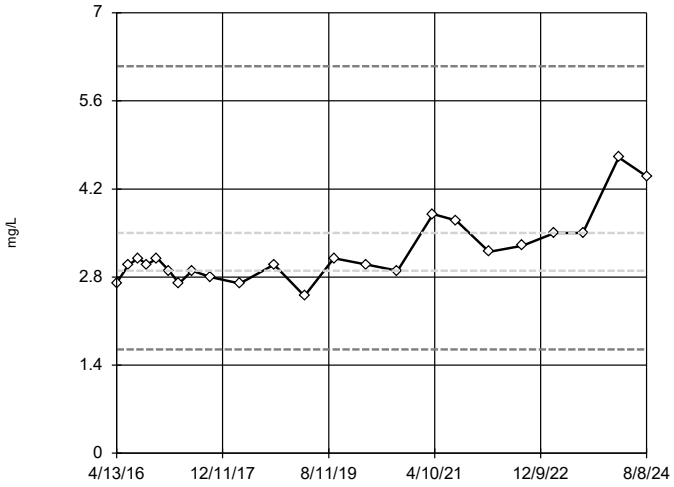
Constituent: Chloride Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-14



n = 23

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 6.153, low cutoff = 1.65, based on IQR multiplier of 3.

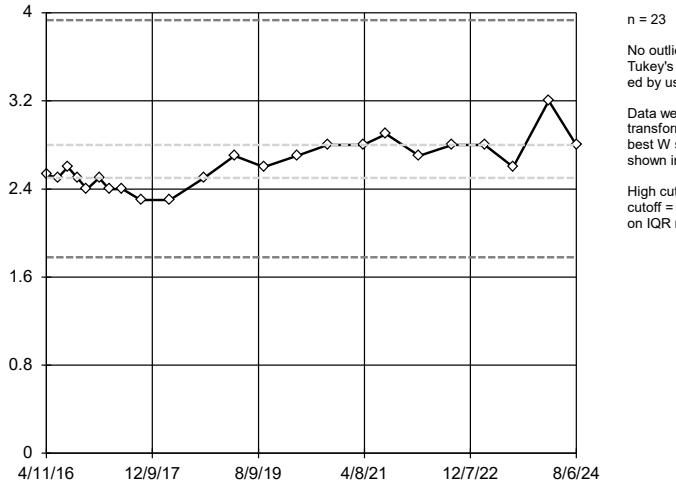
Constituent: Chloride Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-18



n = 23

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 3.934, low cutoff = 1.779, based on IQR multiplier of 3.

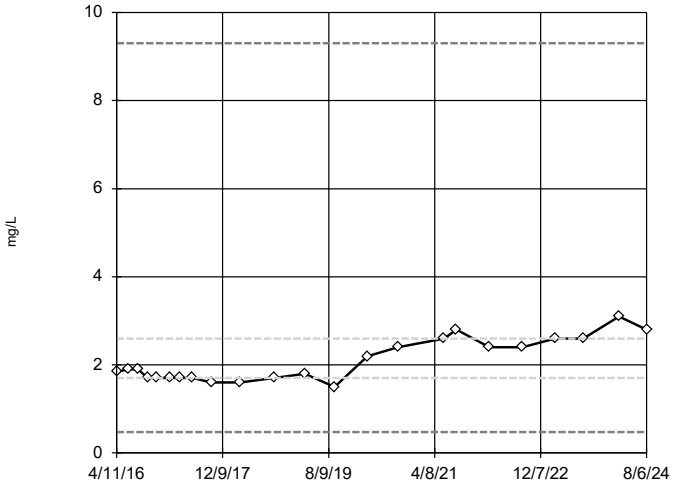
Constituent: Chloride Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis

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Tukey's Outlier Screening

GWC-19



n = 23

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 9.301, low cutoff = 0.4752, based on IQR multiplier of 3.

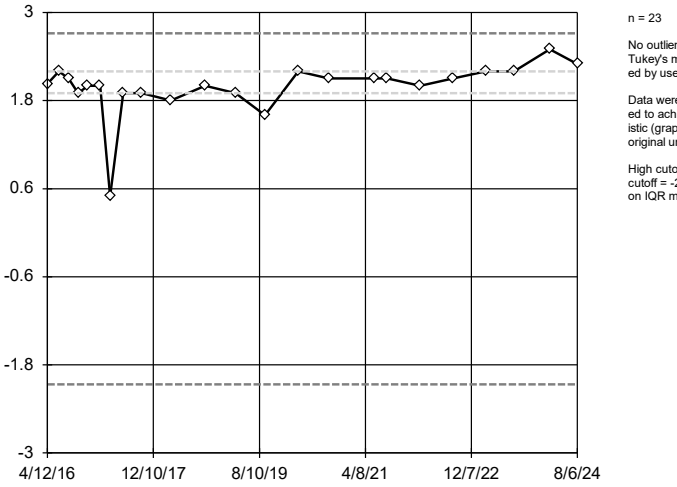
Constituent: Chloride Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis

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Tukey's Outlier Screening

GWC-20



n = 23

No outliers found. Tukey's method selected by user.

Data were x^4 transformed to achieve best W statistic (graph shown in original units).

High cutoff = 2.718, low cutoff = -2.064, based on IQR multiplier of 3.

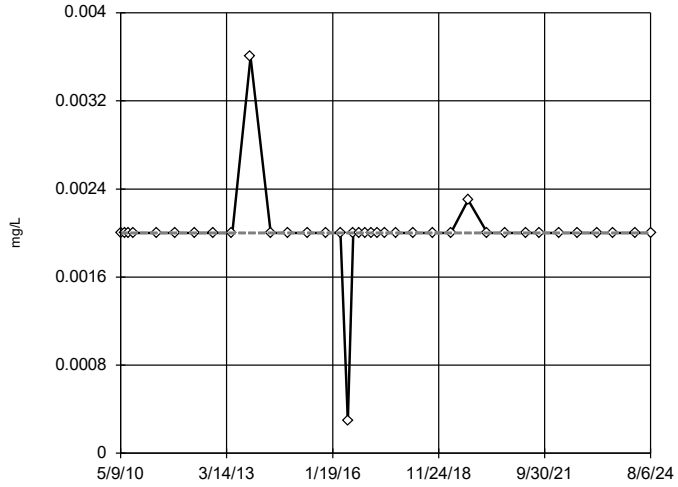
Constituent: Chloride Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis

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Tukey's Outlier Screening

GWA-15 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

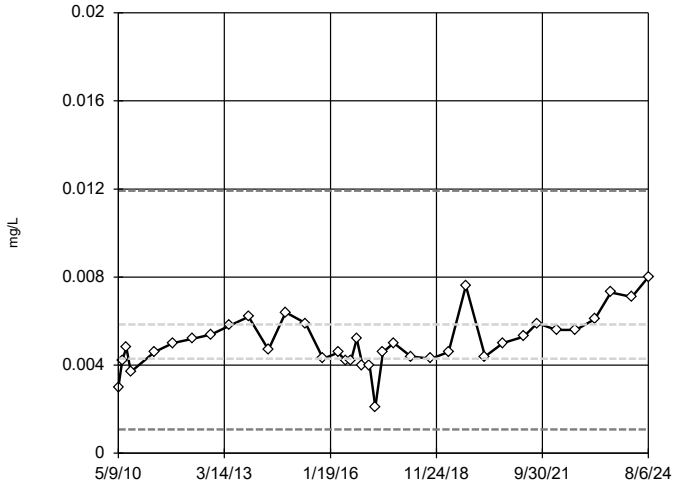
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Chromium Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWA-16 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

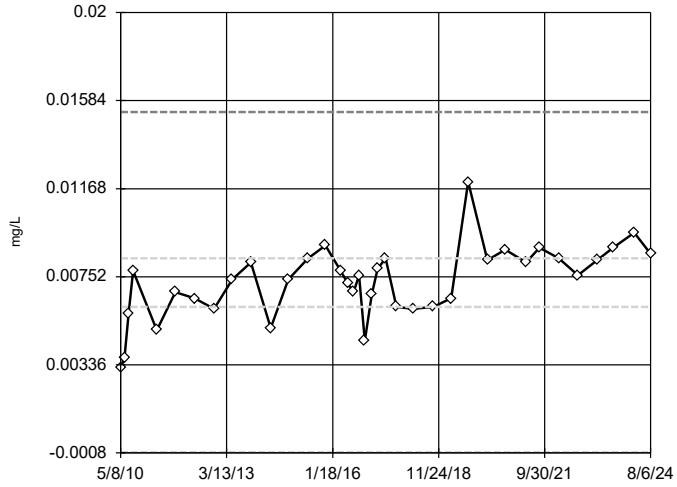
High cutoff = 0.01193, low cutoff = 0.001079, based on IQR multiplier of 3.

Constituent: Chromium Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis
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Tukey's Outlier Screening

GWA-17 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

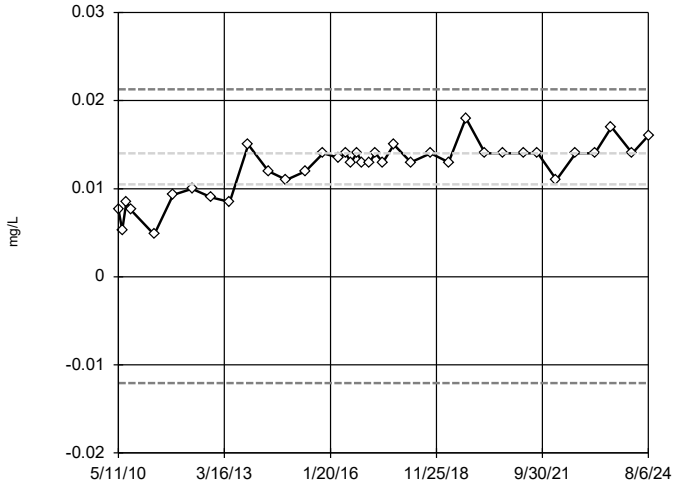
High cutoff = 0.0153, low cutoff = -0.0008, based on IQR multiplier of 3.

Constituent: Chromium Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis
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Tukey's Outlier Screening

GWC-1



n = 37

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

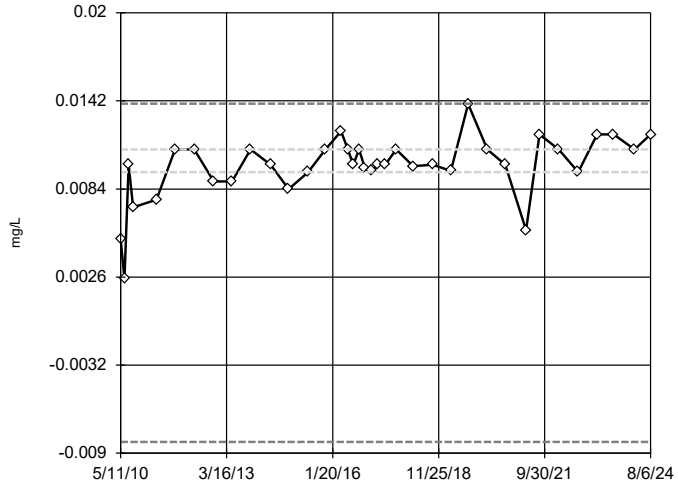
High cutoff = 0.02127, low cutoff = -0.01208, based on IQR multiplier of 3.

Constituent: Chromium Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis
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Tukey's Outlier Screening

GWC-2



n = 37

No outliers found. Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

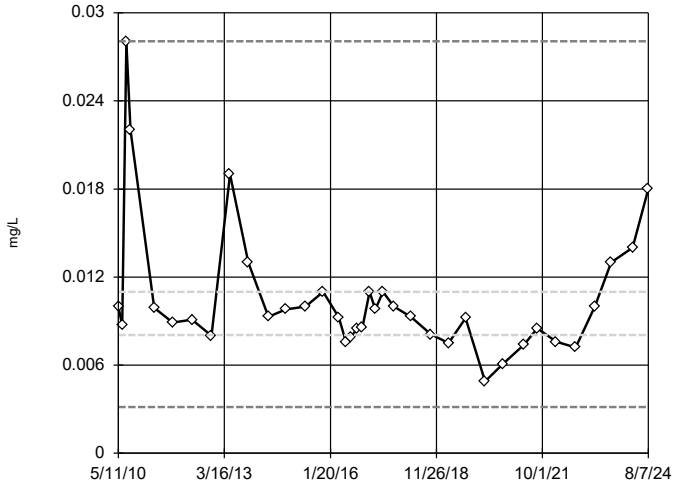
High cutoff = 0.01401, low cutoff = -0.00826, based on IQR multiplier of 3.

Constituent: Chromium Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-3



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

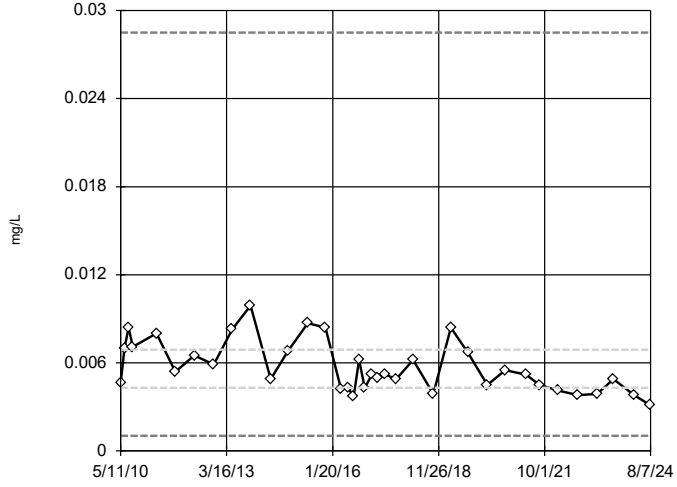
High cutoff = 0.02807, low cutoff = 0.003155, based on IQR multiplier of 3.

Constituent: Chromium Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-4



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

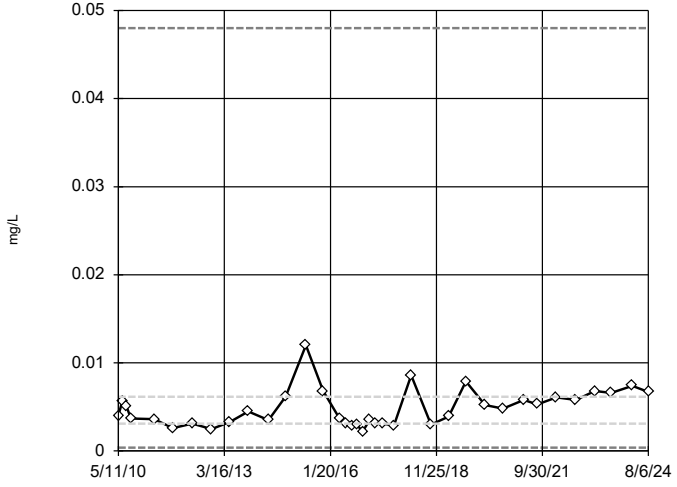
High cutoff = 0.0285, low cutoff = 0.001041, based on IQR multiplier of 3.

Constituent: Chromium Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-5



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

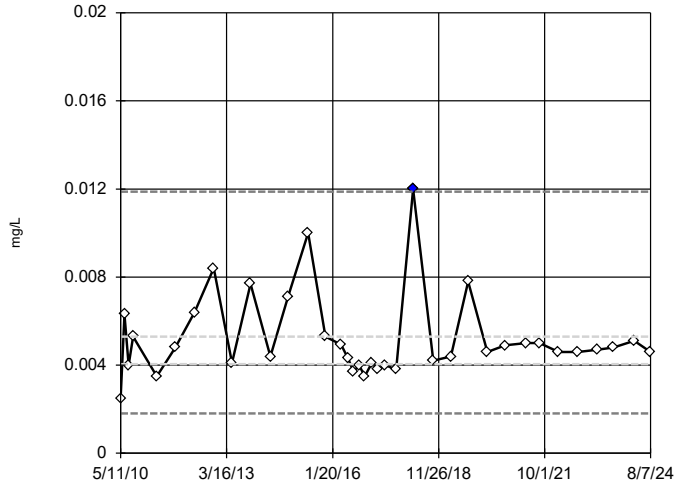
High cutoff = 0.04801, low cutoff = 0.0003971, based on IQR multiplier of 3.

Constituent: Chromium Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-6



n = 37

Outlier is drawn as solid. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

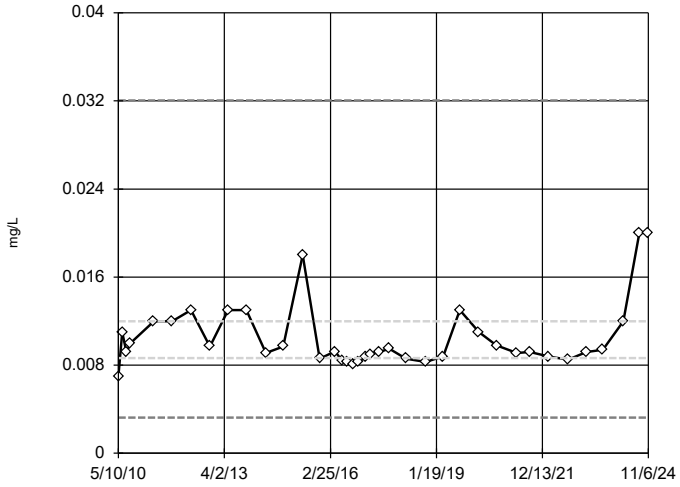
High cutoff = 0.01188, low cutoff = 0.001807, based on IQR multiplier of 3.

Constituent: Chromium Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-7



n = 38

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

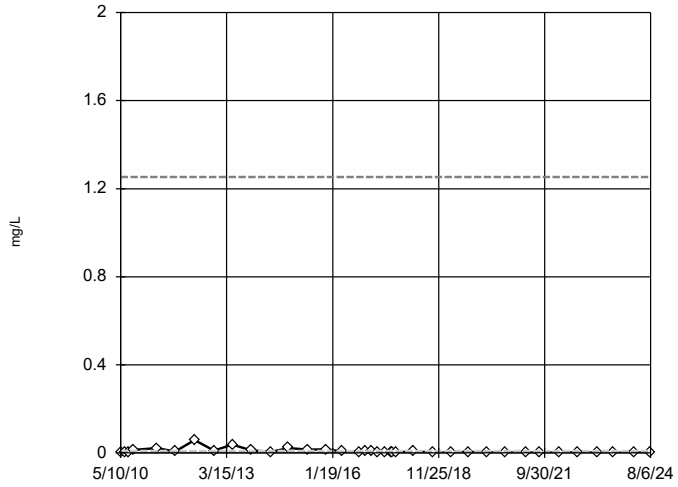
High cutoff = 0.03204, low cutoff = 0.00324, based on IQR multiplier of 3.

Constituent: Chromium Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-8A



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

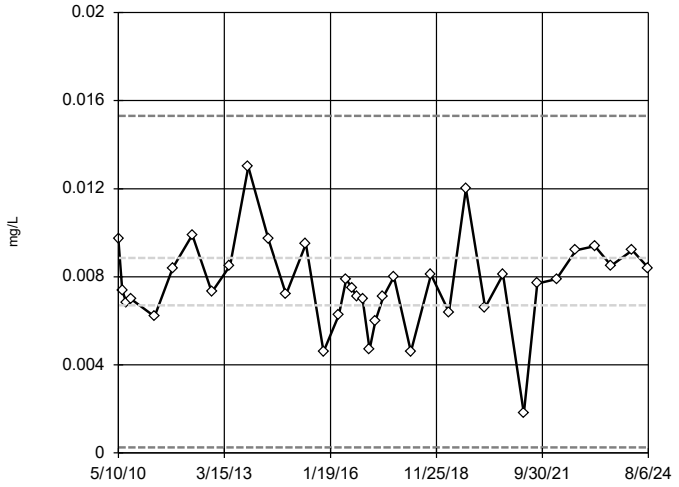
High cutoff = 1.253, low cutoff = 0.00001598, based on IQR multiplier of 3.

Constituent: Chromium Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-9



n = 37

No outliers found. Tukey's method selected by user.

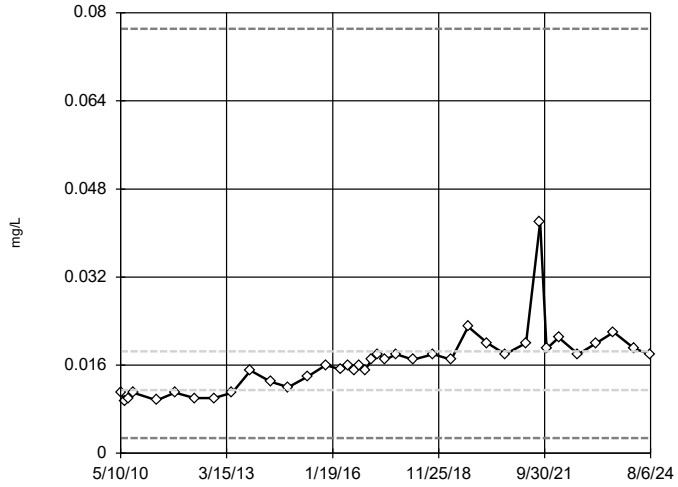
Ladder of Powers transformations did not improve normality; analysis run on raw data.

High cutoff = 0.0153, low cutoff = 0.00025, based on IQR multiplier of 3.

Constituent: Chromium Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Tukey's Outlier Screening

GWC-10



n = 38

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

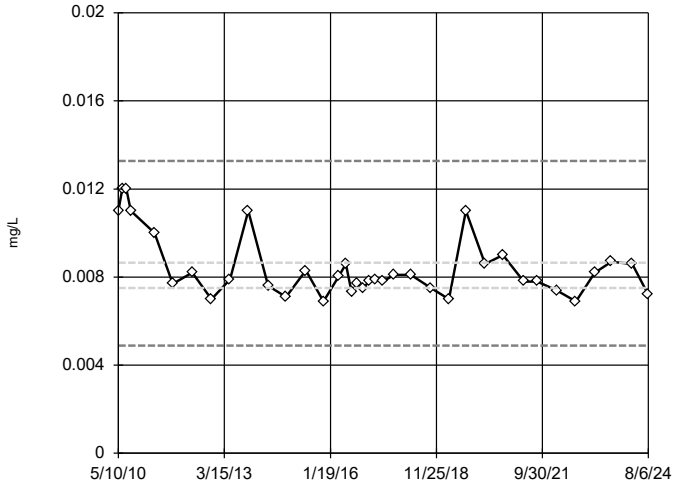
High cutoff = 0.07712, low cutoff = 0.002755, based on IQR multiplier of 3.

Constituent: Chromium Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-11



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

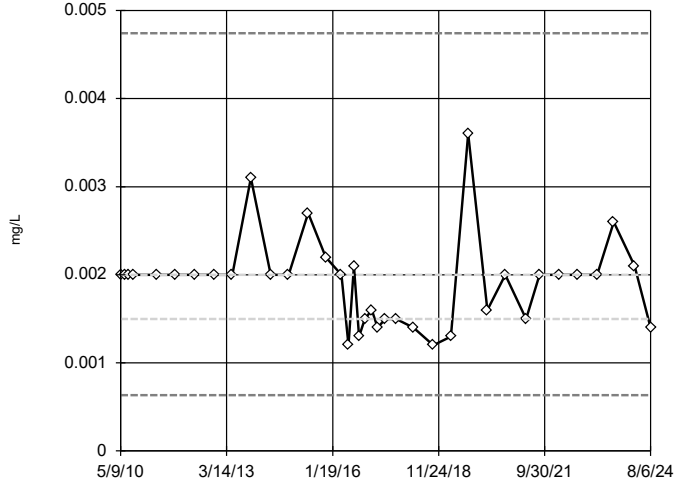
High cutoff = 0.01327, low cutoff = 0.004889, based on IQR multiplier of 3.

Constituent: Chromium Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-12



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

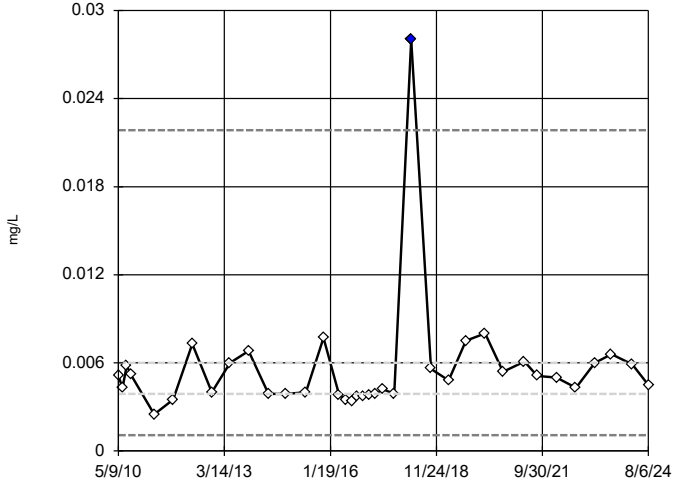
High cutoff = 0.004741, low cutoff = 0.0006328, based on IQR multiplier of 3.

Constituent: Chromium Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-13



n = 37

Outlier is drawn as solid. Tukey's method selected by user.

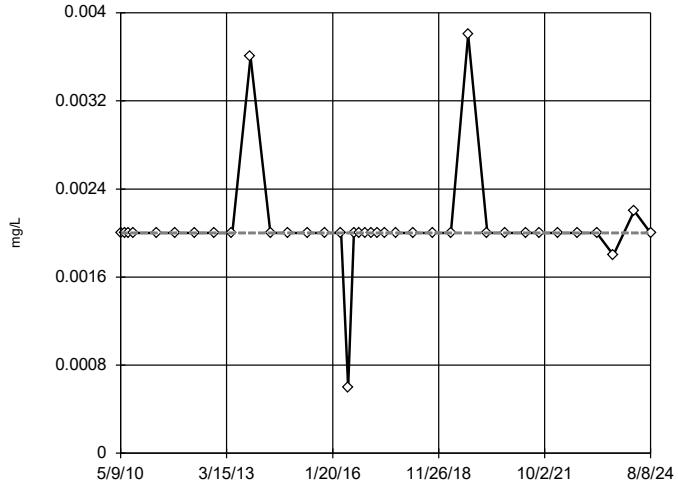
Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.02185, low cutoff = 0.001071, based on IQR multiplier of 3.

Constituent: Chromium Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Tukey's Outlier Screening

GWC-14



n = 37

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

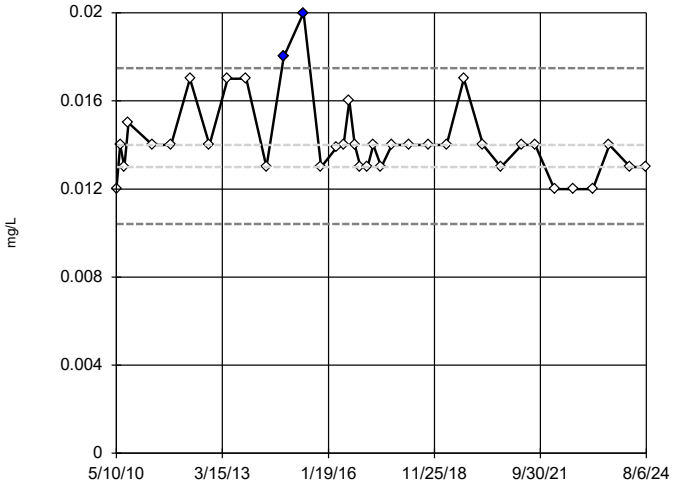
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Chromium Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-18



n = 37

Outliers are drawn as solid.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

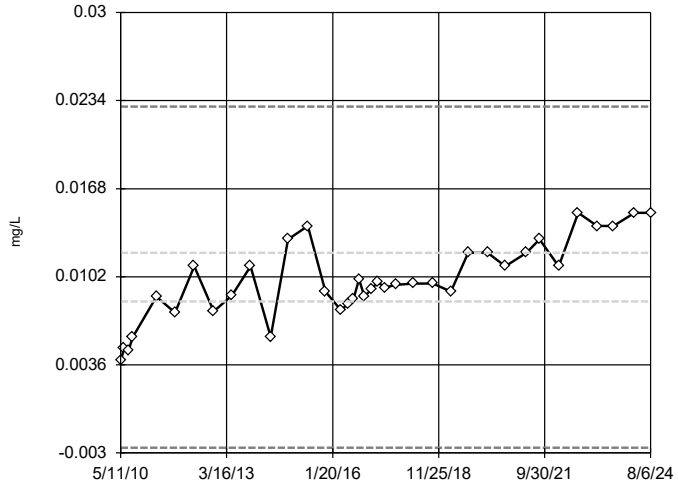
High cutoff = 0.01749, low cutoff = 0.01041, based on IQR multiplier of 3.

Constituent: Chromium Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-19



n = 37

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

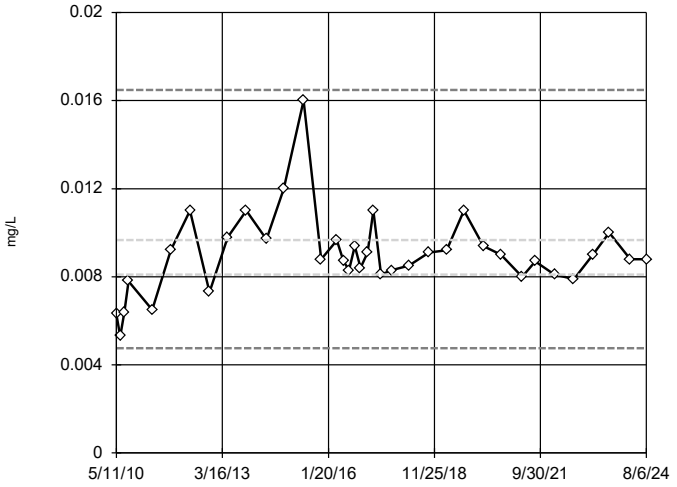
High cutoff = 0.02295, low cutoff = -0.0026, based on IQR multiplier of 3.

Constituent: Chromium Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-20



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

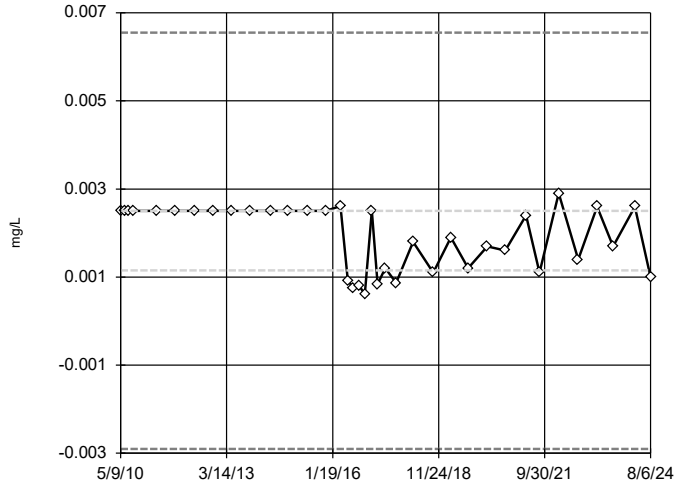
High cutoff = 0.01649, low cutoff = 0.004753, based on IQR multiplier of 3.

Constituent: Chromium Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWA-15 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

High cutoff = 0.00655, low cutoff = -0.0029, based on IQR multiplier of 3.

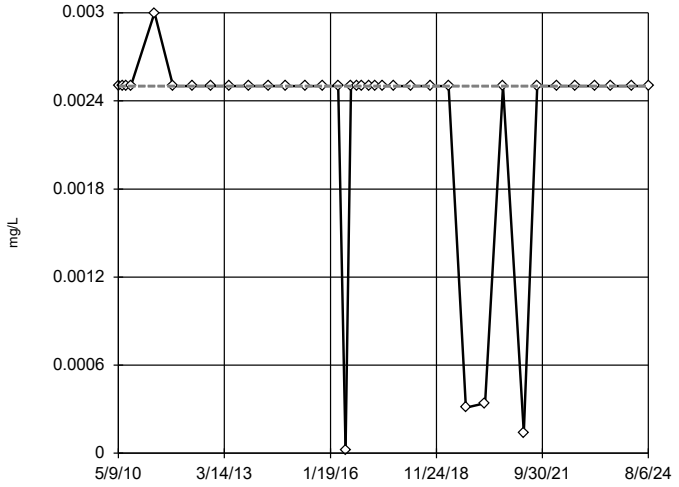
Constituent: Cobalt Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis

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Tukey's Outlier Screening

GWA-16 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Data were x^4 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

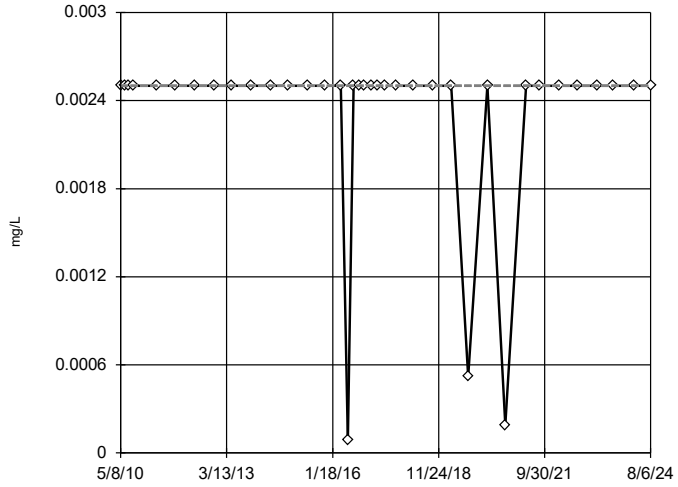
Constituent: Cobalt Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis

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Tukey's Outlier Screening

GWA-17 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

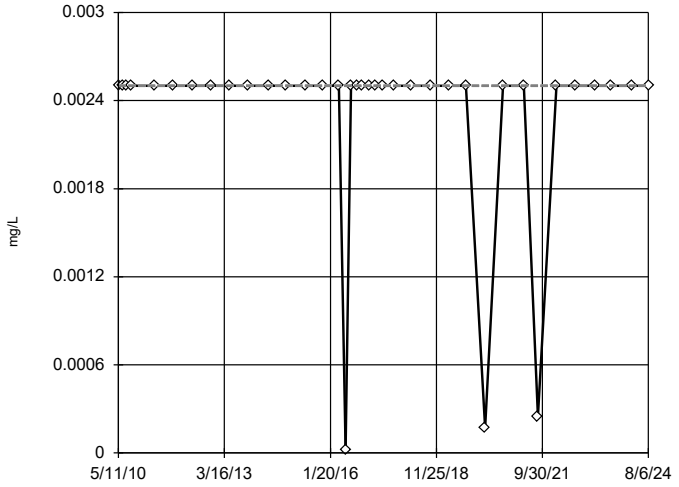
Constituent: Cobalt Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-1



n = 37

No outliers found. Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

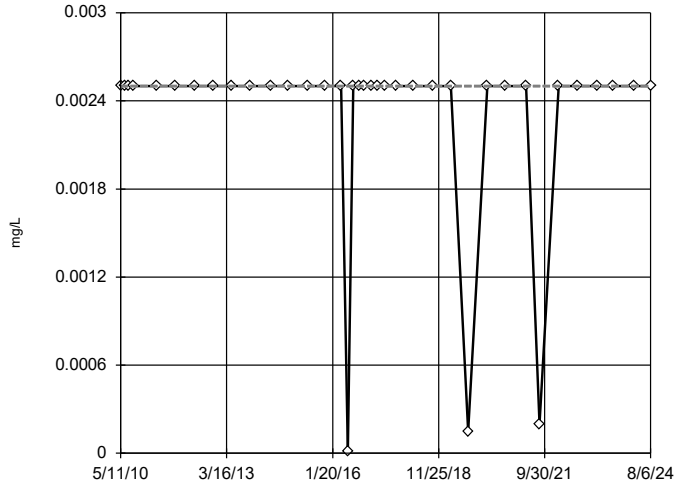
Constituent: Cobalt Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-2



n = 37

No outliers found. Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

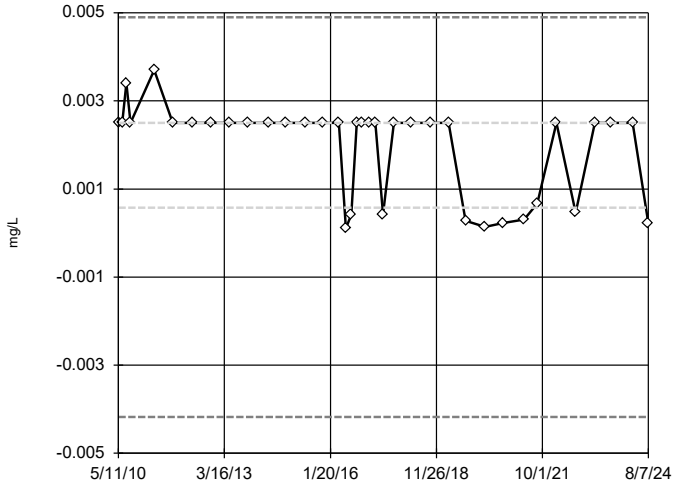
Constituent: Cobalt Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-3



n = 37

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.0049, low cutoff = -0.004175, based on IQR multiplier of 3.

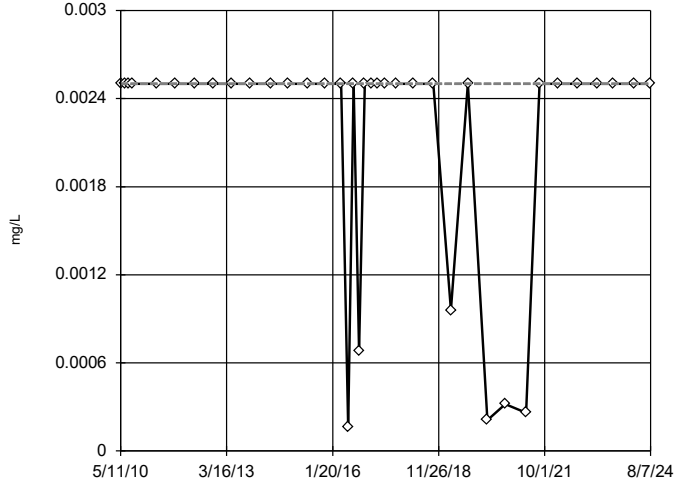
Constituent: Cobalt Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-4



n = 37

No outliers found. Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

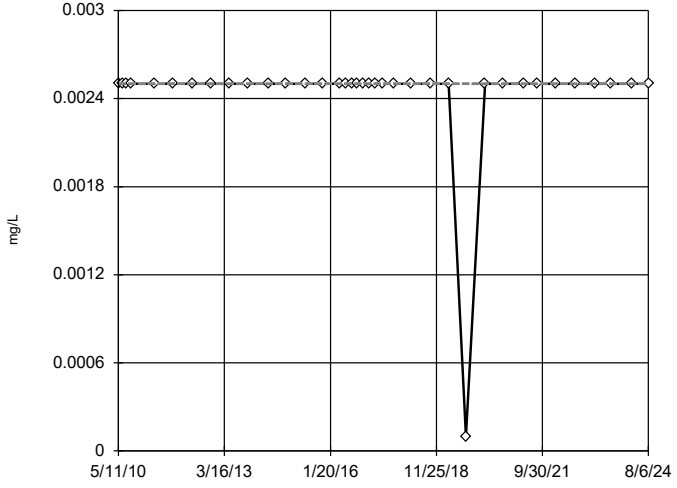
Constituent: Cobalt Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-5



n = 37

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

The results were invalidated, because the lower and upper quartiles are equal.

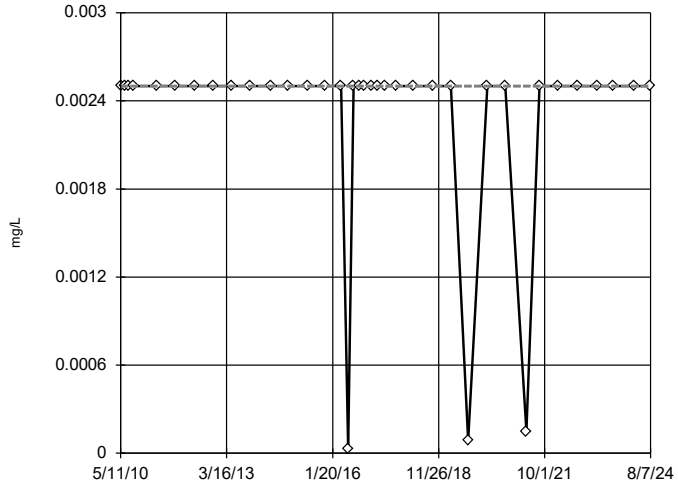
Constituent: Cobalt Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-6



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

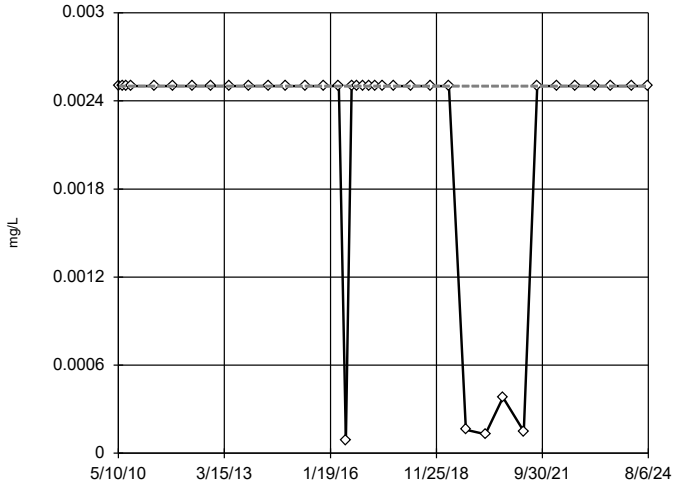
Constituent: Cobalt Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-7



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

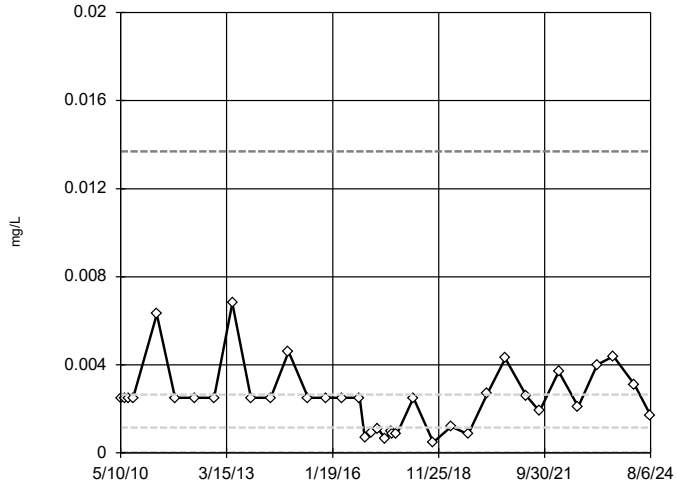
Constituent: Cobalt Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-8A



n = 37

No outliers found. Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.0137, low cutoff = 5.7e-8, based on IQR multiplier of 3.

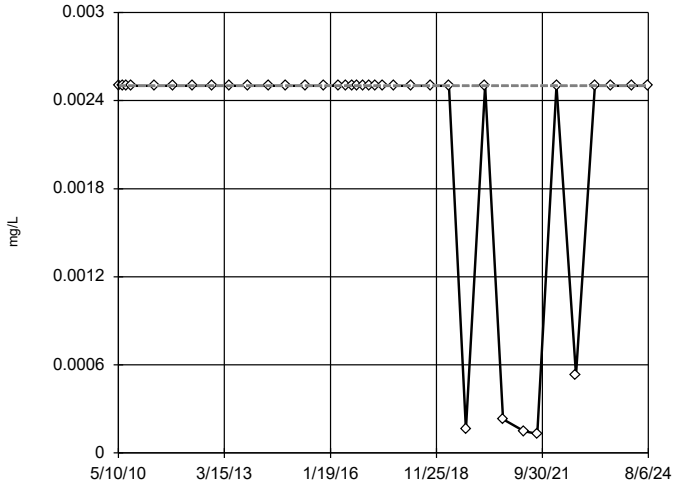
Constituent: Cobalt Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-9



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

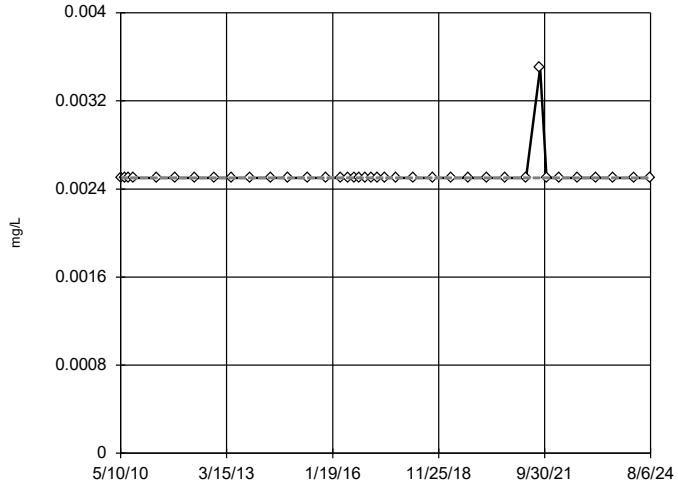
Constituent: Cobalt Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-10



n = 38

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

The results were invalidated, because the lower and upper quartiles are equal.

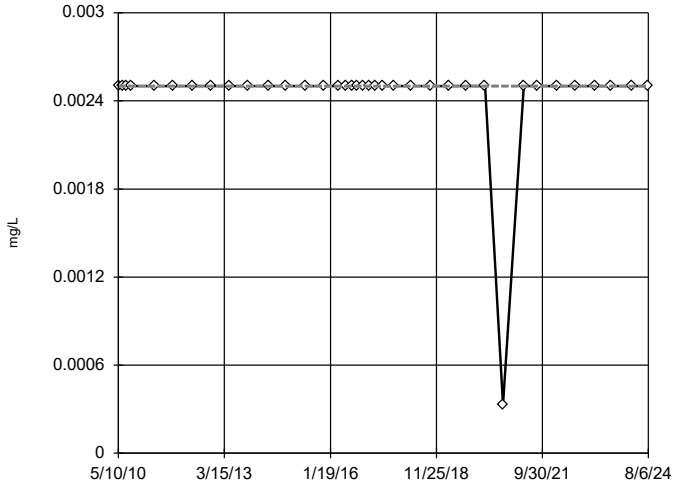
Constituent: Cobalt Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-11



n = 37

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

The results were invalidated, because the lower and upper quartiles are equal.

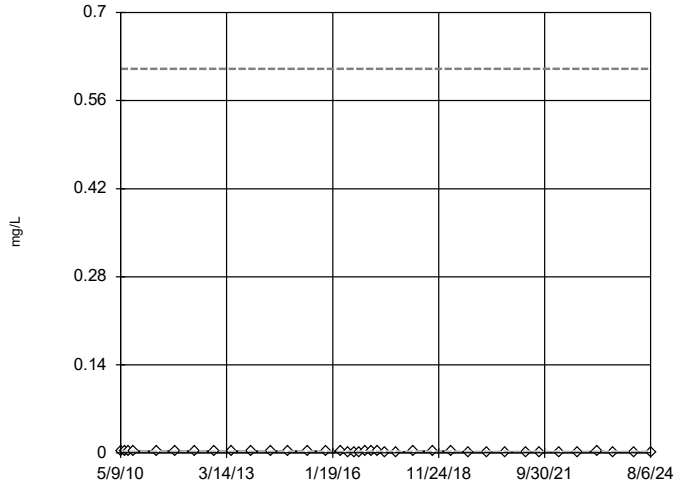
Constituent: Cobalt Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-12



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.6104, low cutoff = 0.000001638, based on IQR multiplier of 3.

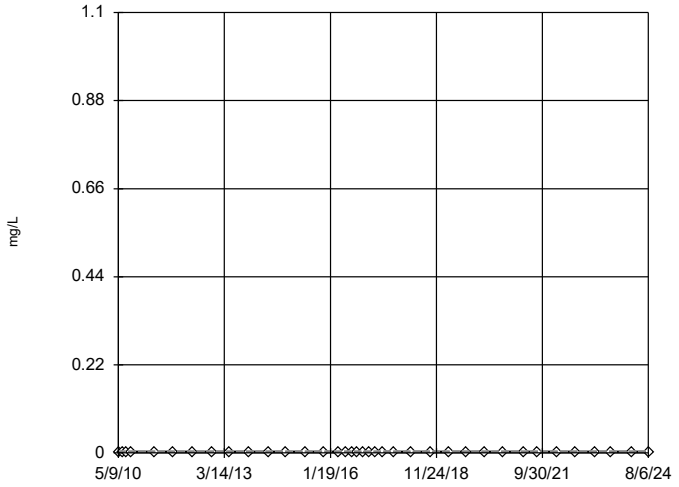
Constituent: Cobalt Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-13



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

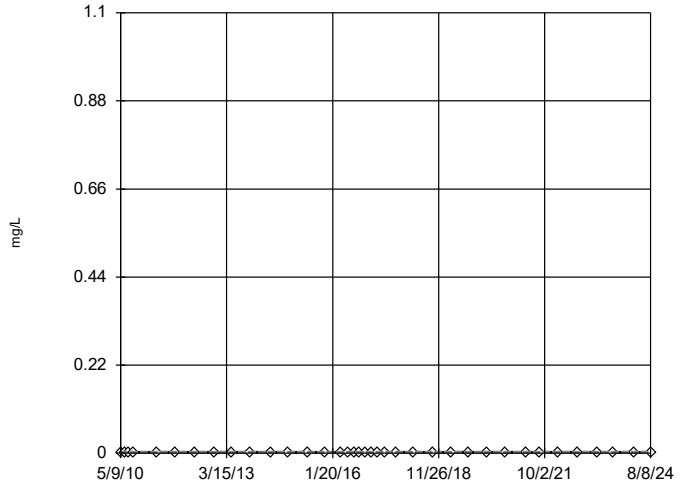
Constituent: Cobalt Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-14



n = 37

No outliers found. Tukey's method selected by user.

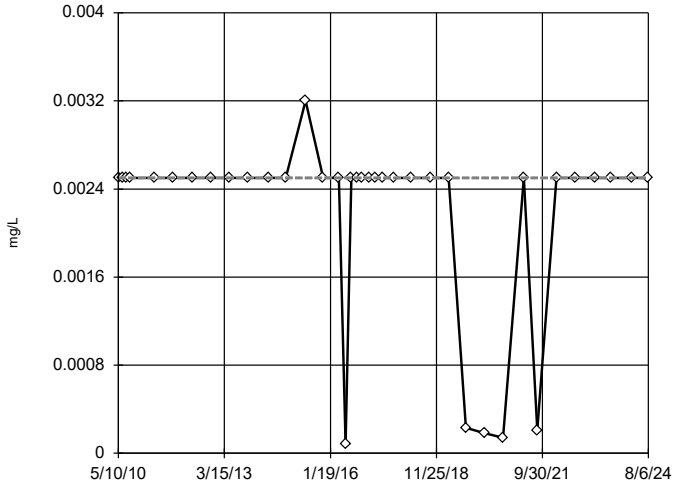
All values are the same.

Constituent: Cobalt Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-18



n = 37

No outliers found. Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

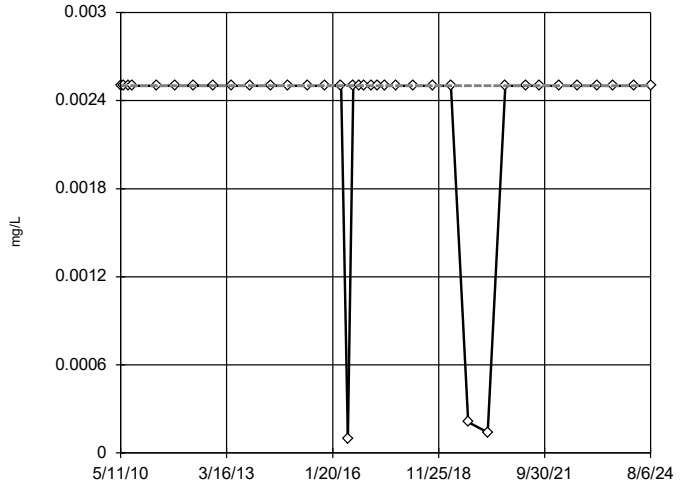
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Cobalt Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-19



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

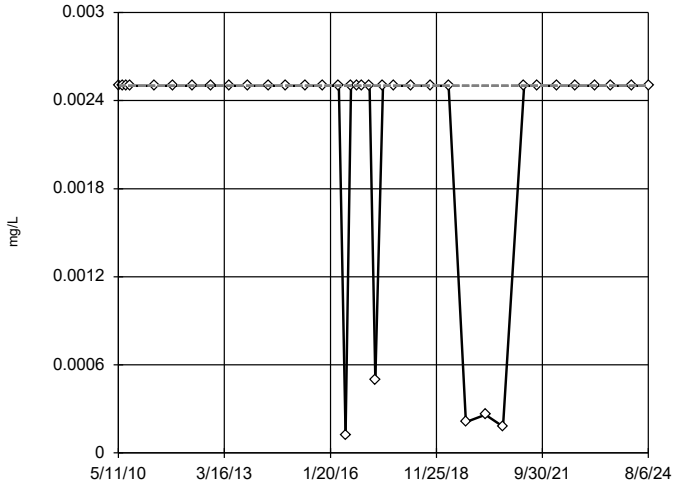
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Cobalt Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-20



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

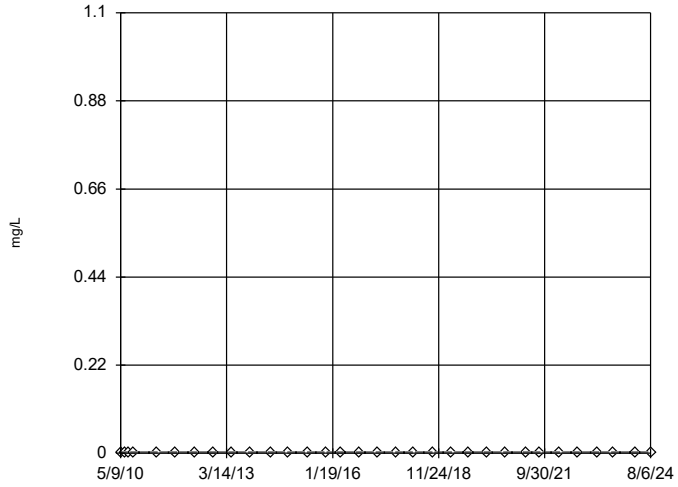
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Cobalt Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWA-15 (bg)



n = 32

No outliers found. Tukey's method selected by user.

All values are the same.

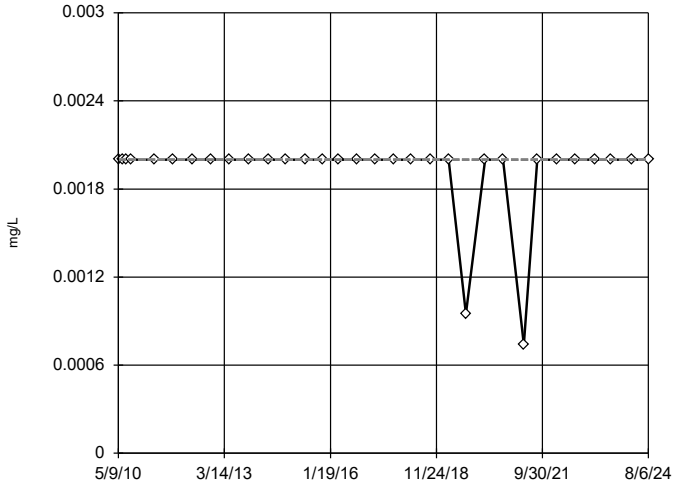
Constituent: Copper Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWA-16 (bg)



n = 32

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

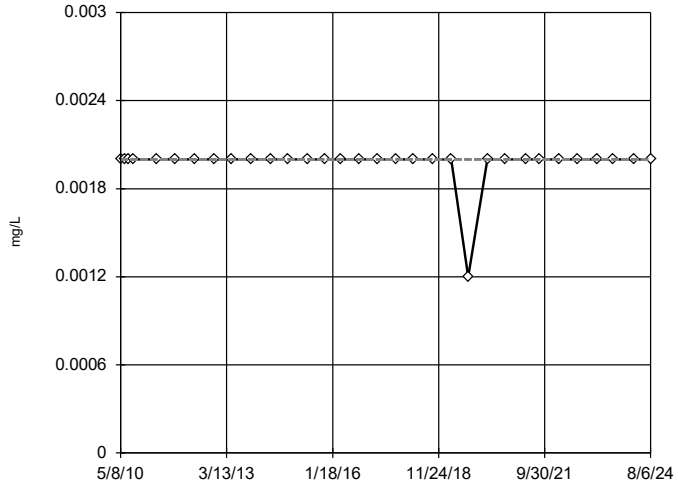
Constituent: Copper Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWA-17 (bg)



n = 32

No outliers found. Tukey's method selected by user.

Data were x^5 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

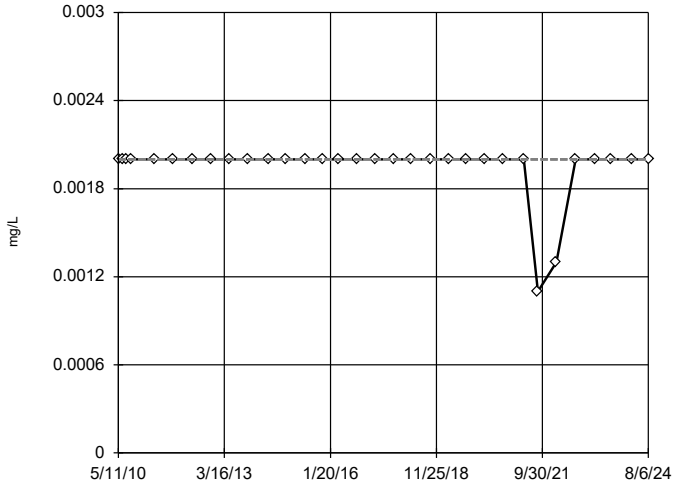
Constituent: Copper Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-1



n = 32

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

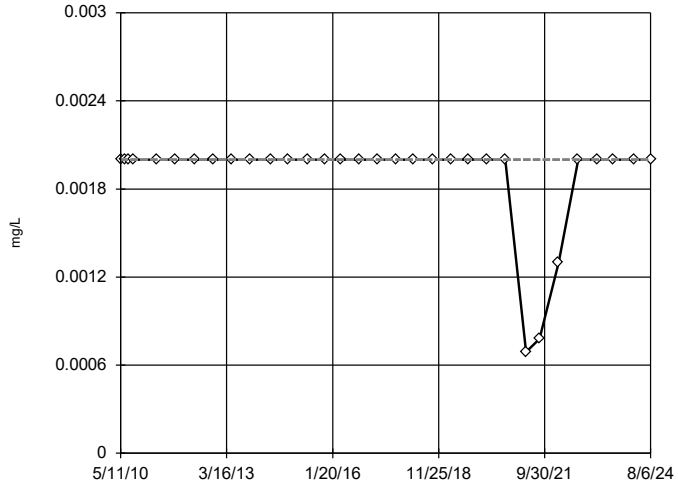
Constituent: Copper Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-2



n = 32

No outliers found.
Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

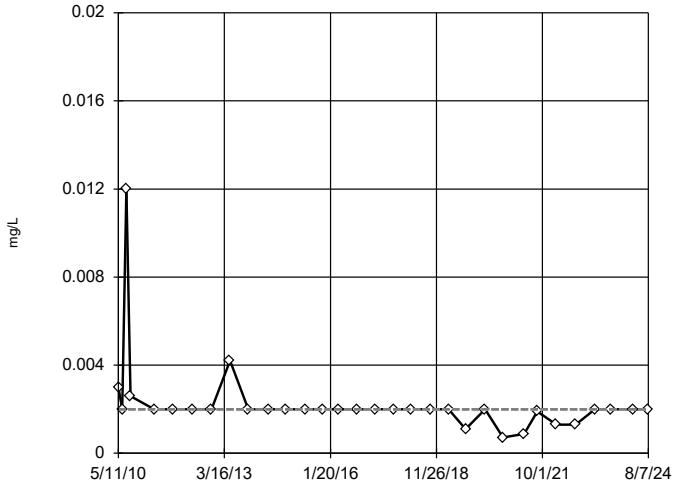
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Copper Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-3



n = 32

No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

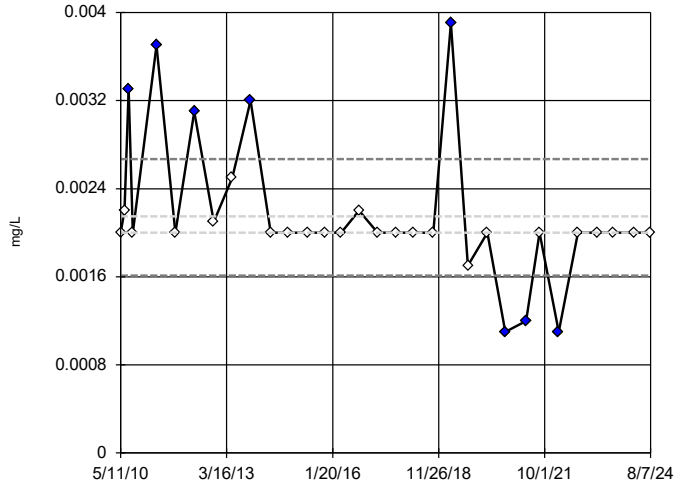
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Copper Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-4



n = 32

Outliers are drawn as solid.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

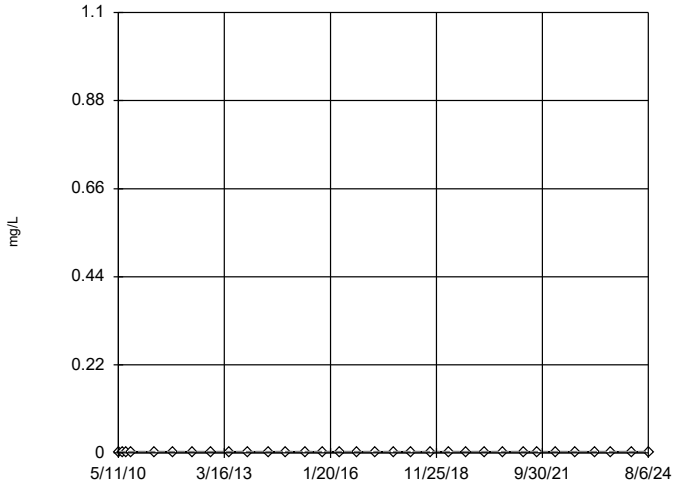
High cutoff = 0.002668, low cutoff = 0.001611, based on IQR multiplier of 3.

Constituent: Copper Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-5



n = 32

No outliers found.
Tukey's method selected by user.

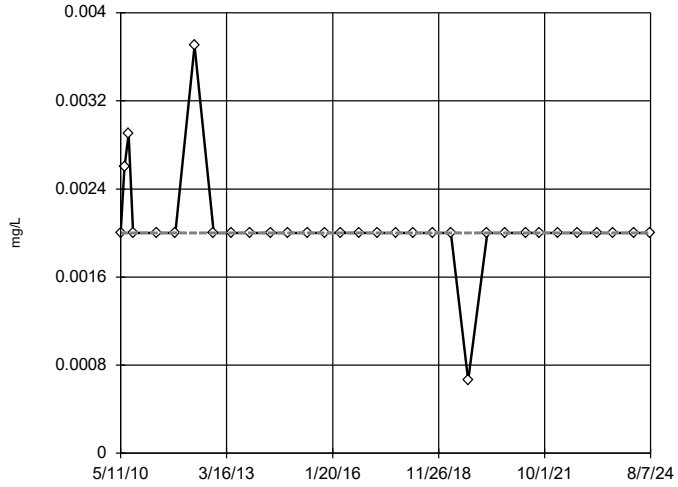
All values are the same.

Constituent: Copper Analysis Run 4/16/2025 10:51 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-6



n = 32

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

The results were invalidated, because the lower and upper quartiles are equal.

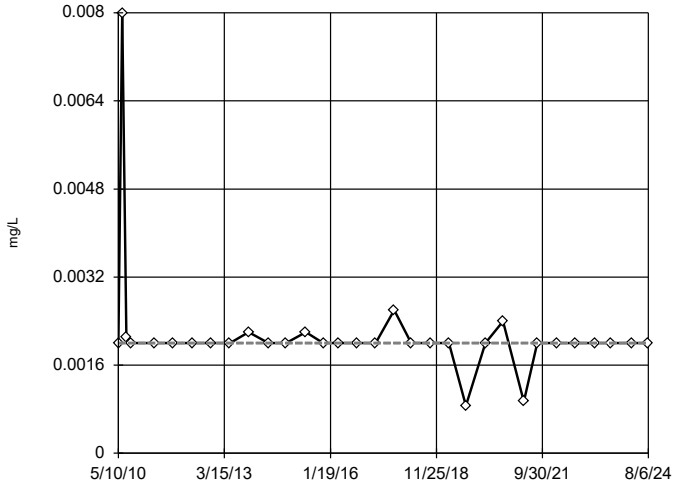
Constituent: Copper Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-7



n = 32

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

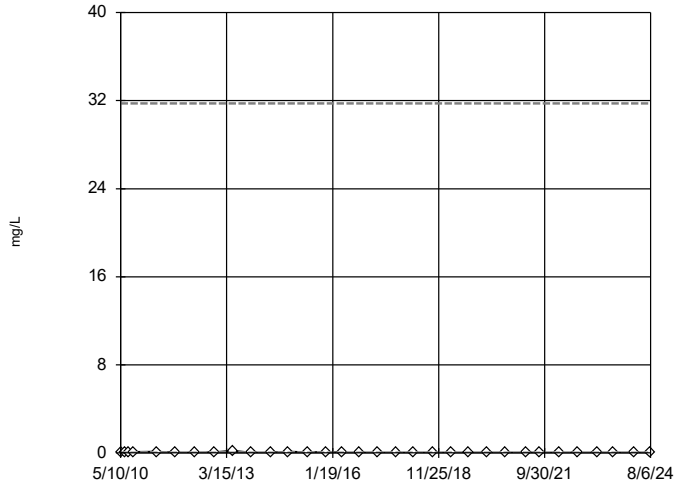
Constituent: Copper Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-8A



n = 32

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 31.75, low cutoff = 0.000001414, based on IQR multiplier of 3.

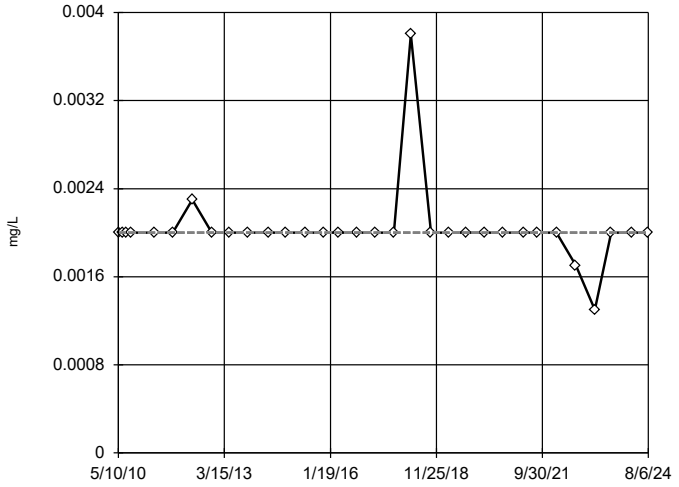
Constituent: Copper Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-9



n = 32

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

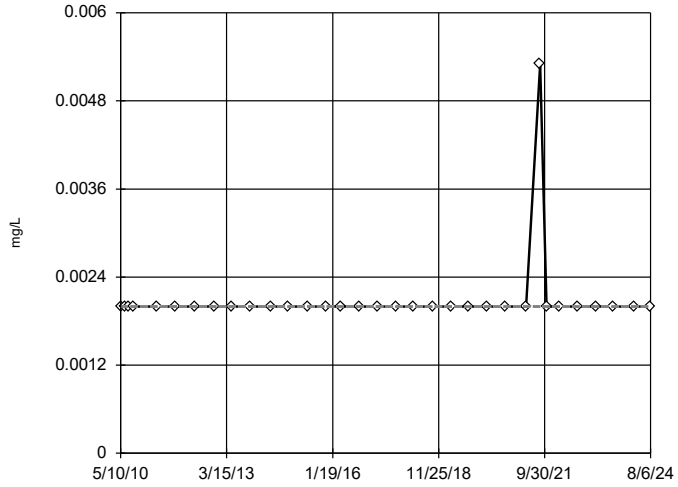
Constituent: Copper Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-10



n = 33

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

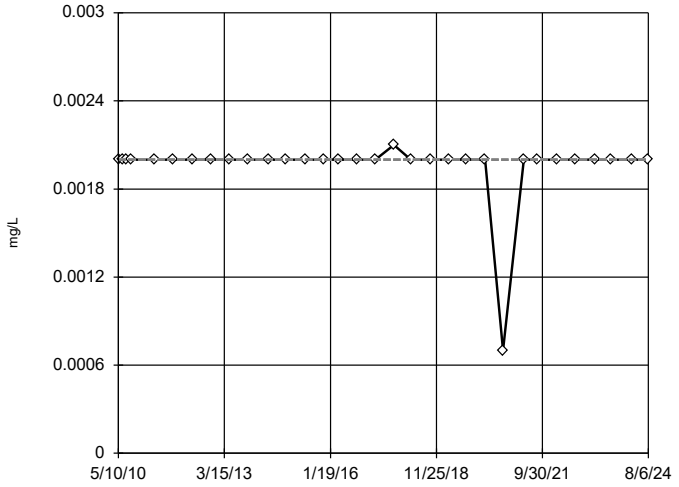
Constituent: Copper Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-11



n = 32

No outliers found. Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

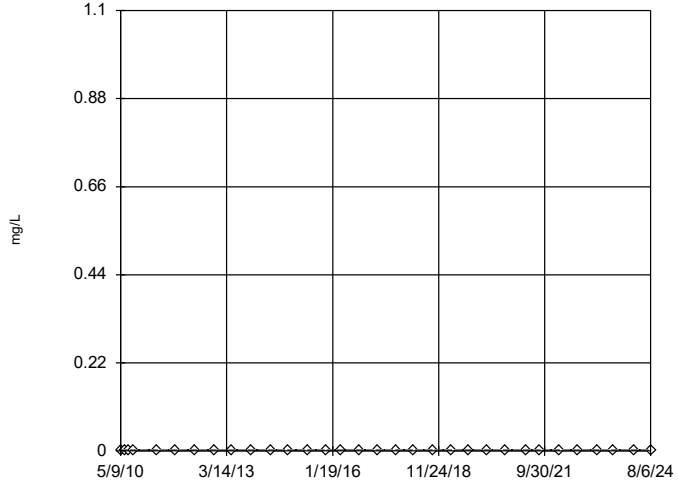
Constituent: Copper Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-12



n = 32

No outliers found. Tukey's method selected by user.

All values are the same.

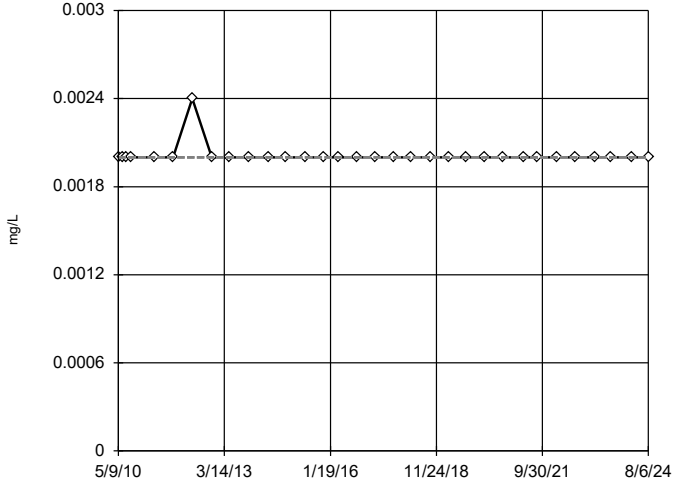
Constituent: Copper Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-13



n = 32

No outliers found. Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

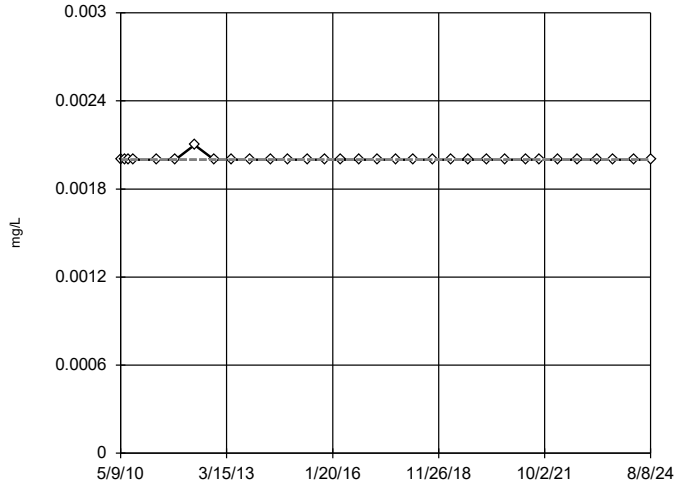
Constituent: Copper Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis

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Tukey's Outlier Screening

GWC-14



n = 32

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

The results were invalidated, because the lower and upper quartiles are equal.

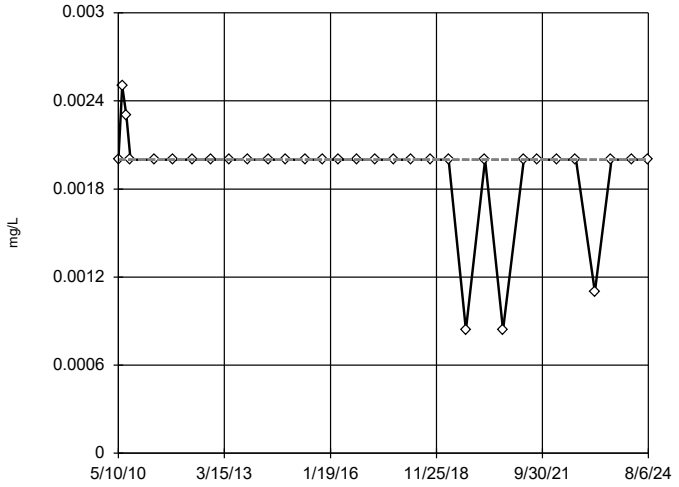
Constituent: Copper Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis

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Tukey's Outlier Screening

GWC-18



n = 32

No outliers found. Tukey's method selected by user.

Data were x^4 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

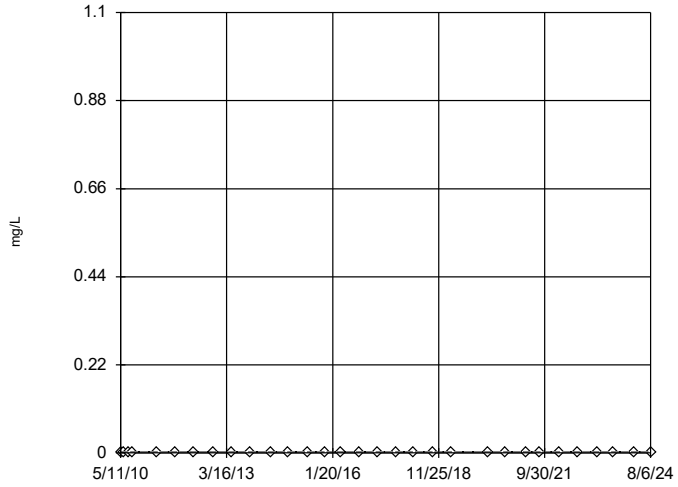
Constituent: Copper Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis

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Tukey's Outlier Screening

GWC-19



n = 31

No outliers found. Tukey's method selected by user.

All values are the same.

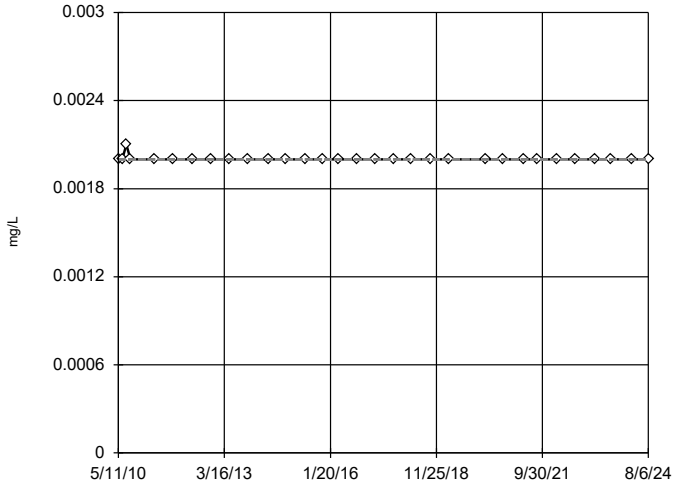
Constituent: Copper Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis

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Tukey's Outlier Screening

GWC-20



n = 31

No outliers found. Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

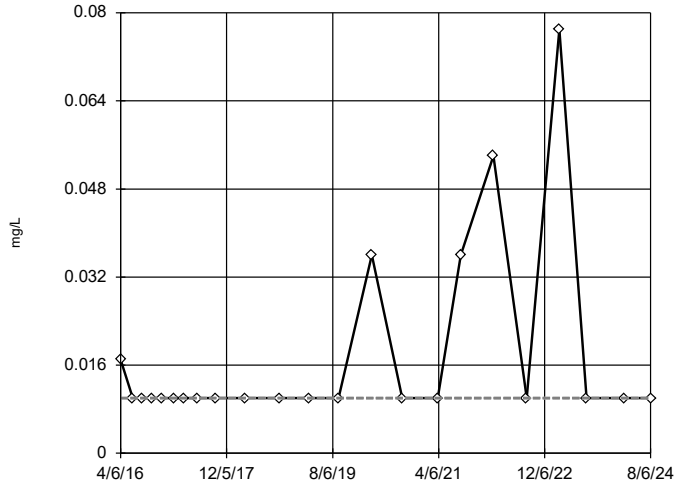
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Copper Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

Tukey's Outlier Screening

GWA-15 (bg)



n = 23

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

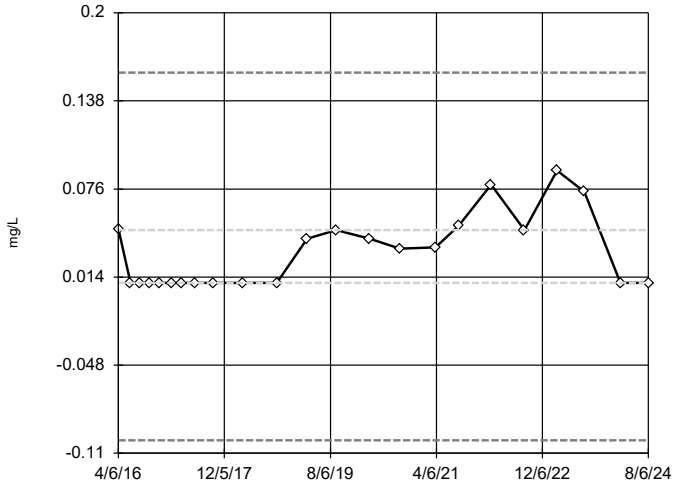
Constituent: Fluoride Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis

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Tukey's Outlier Screening

GWA-16 (bg)



n = 23

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

High cutoff = 0.158, low cutoff = -0.101, based on IQR multiplier of 3.

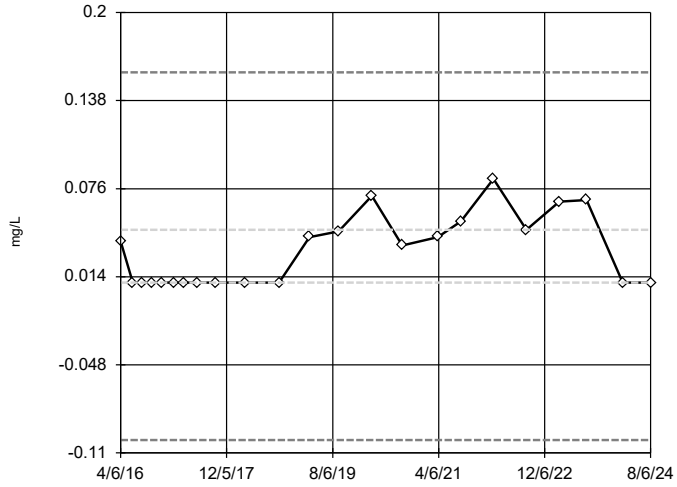
Constituent: Fluoride Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis

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Tukey's Outlier Screening

GWA-17 (bg)



n = 23

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

High cutoff = 0.158, low cutoff = -0.101, based on IQR multiplier of 3.

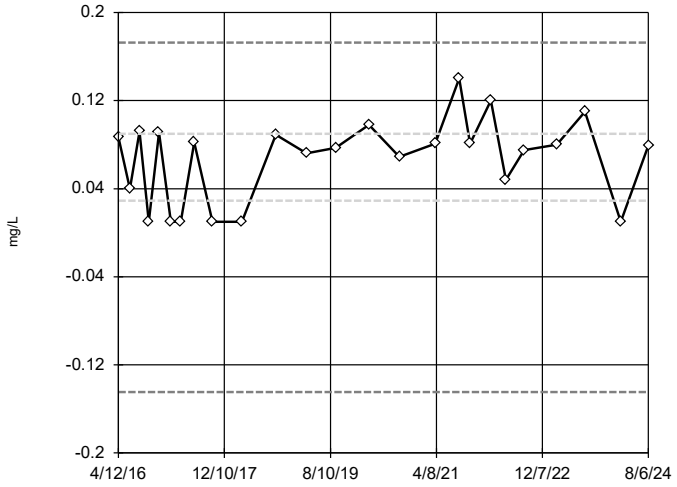
Constituent: Fluoride Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis

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Tukey's Outlier Screening

GWC-1



n = 25

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

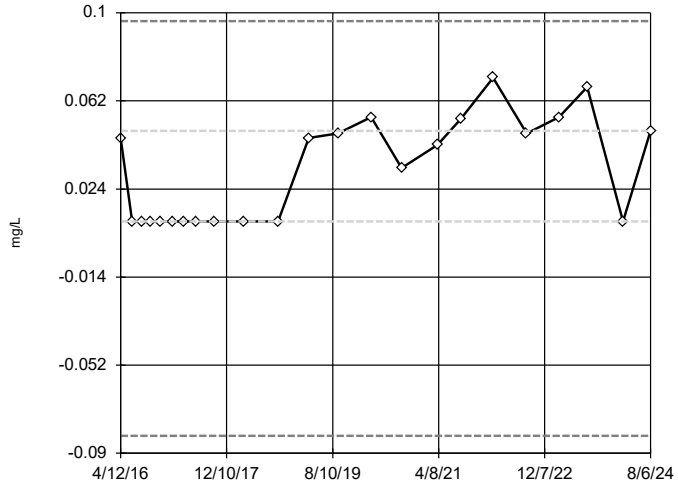
High cutoff = 0.1728, low cutoff = -0.1446, based on IQR multiplier of 3.

Constituent: Fluoride Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

Tukey's Outlier Screening

GWC-2



n = 23

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.09646, low cutoff = -0.08248, based on IQR multiplier of 3.

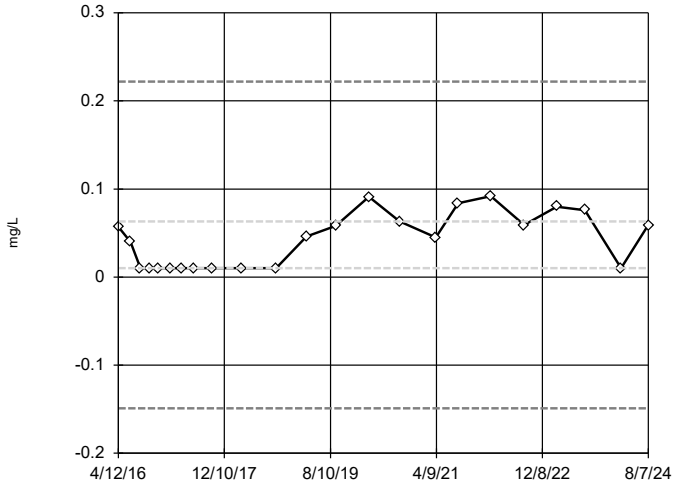
Constituent: Fluoride Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-3



n = 23

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

High cutoff = 0.222, low cutoff = -0.149, based on IQR multiplier of 3.

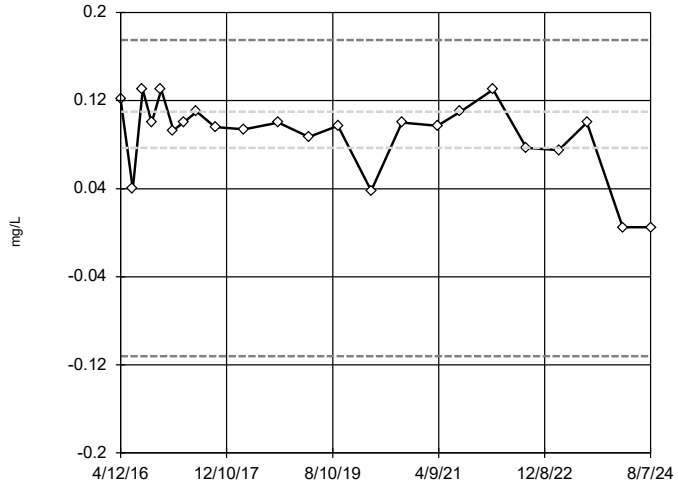
Constituent: Fluoride Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-4



n = 23

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.175, low cutoff = -0.1122, based on IQR multiplier of 3.

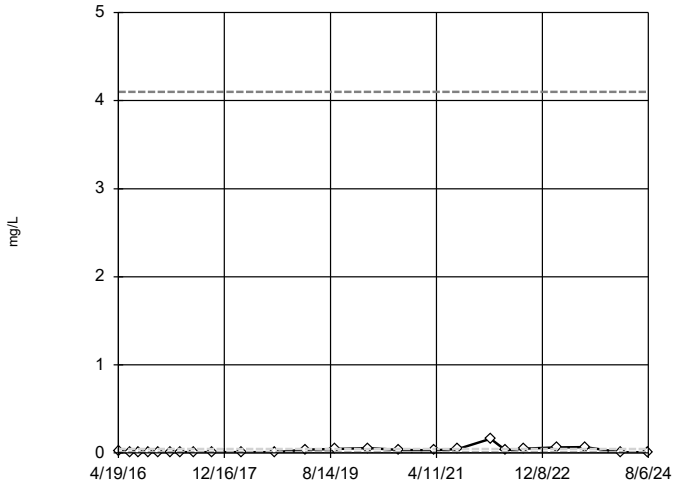
Constituent: Fluoride Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-5



n = 24

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 4.101, low cutoff = 0.0001097, based on IQR multiplier of 3.

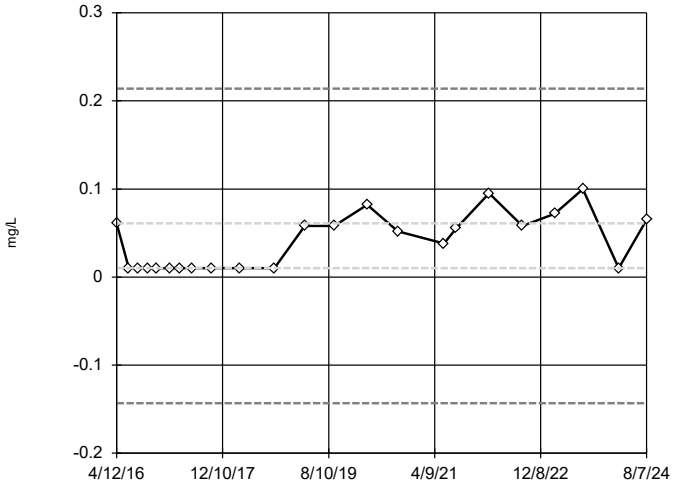
Constituent: Fluoride Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis

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Tukey's Outlier Screening

GWC-6



n = 23

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

High cutoff = 0.214, low cutoff = -0.143, based on IQR multiplier of 3.

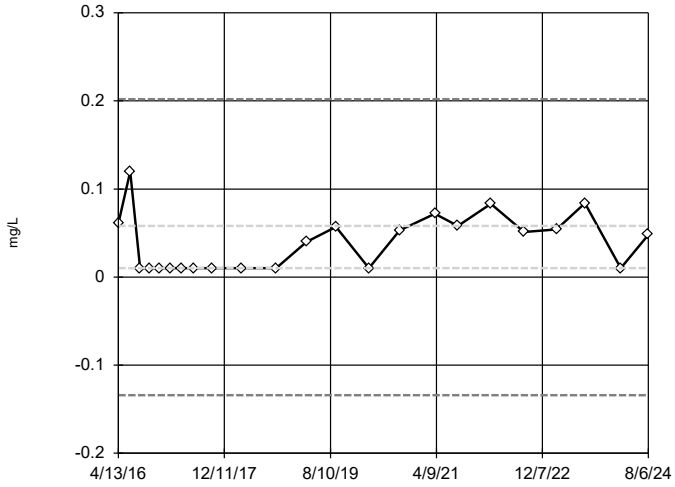
Constituent: Fluoride Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-7



n = 23

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

High cutoff = 0.202, low cutoff = -0.134, based on IQR multiplier of 3.

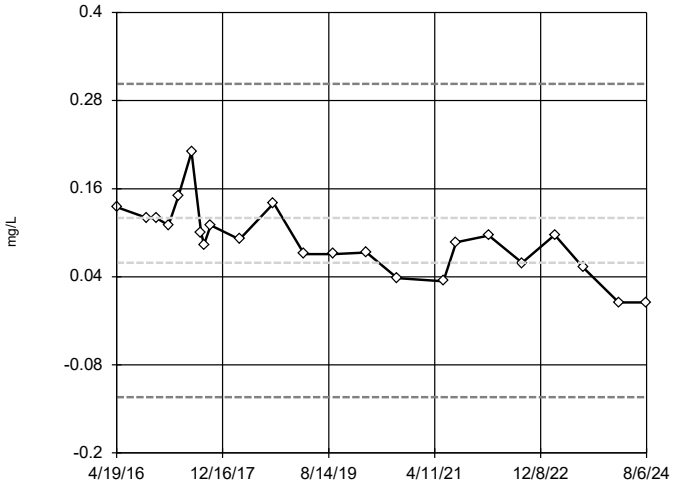
Constituent: Fluoride Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-8A



n = 23

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

High cutoff = 0.303, low cutoff = -0.124, based on IQR multiplier of 3.

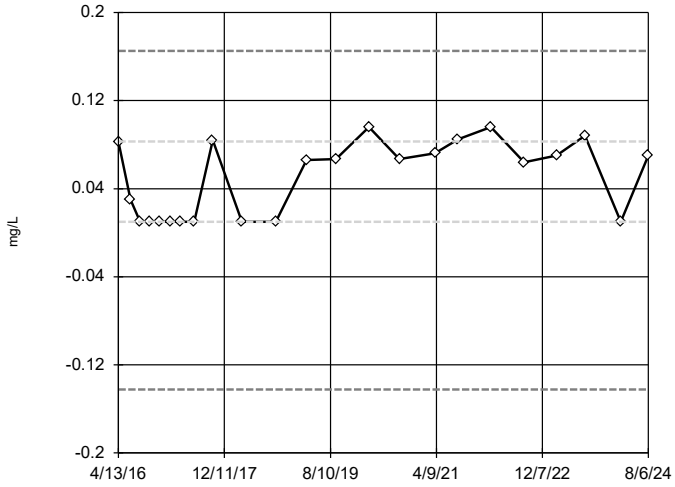
Constituent: Fluoride Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-9



n = 23

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.1651, low cutoff = -0.1424, based on IQR multiplier of 3.

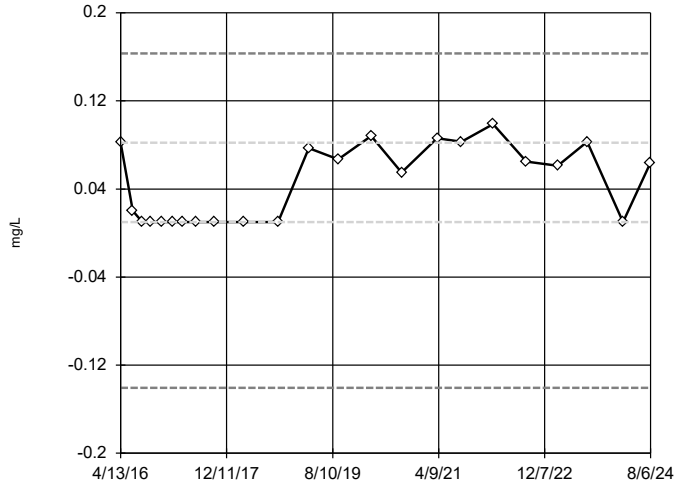
Constituent: Fluoride Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-10



n = 23

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.1631, low cutoff = -0.1406, based on IQR multiplier of 3.

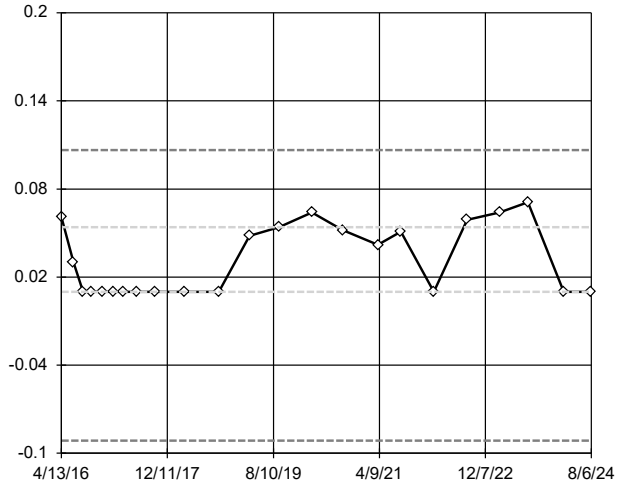
Constituent: Fluoride Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-11



n = 23

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.1066, low cutoff = -0.09137, based on IQR multiplier of 3.

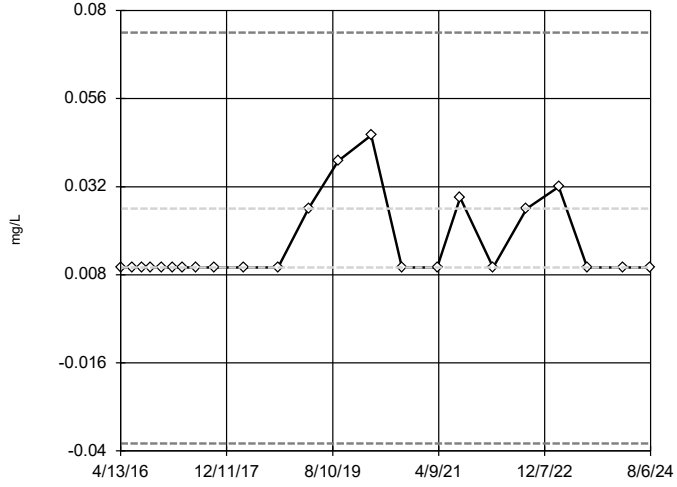
Constituent: Fluoride Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-12



n = 23

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

High cutoff = 0.074, low cutoff = -0.038, based on IQR multiplier of 3.

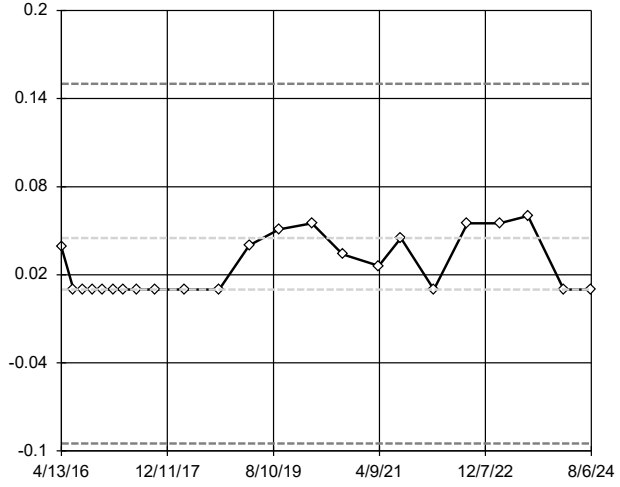
Constituent: Fluoride Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-13



n = 23

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

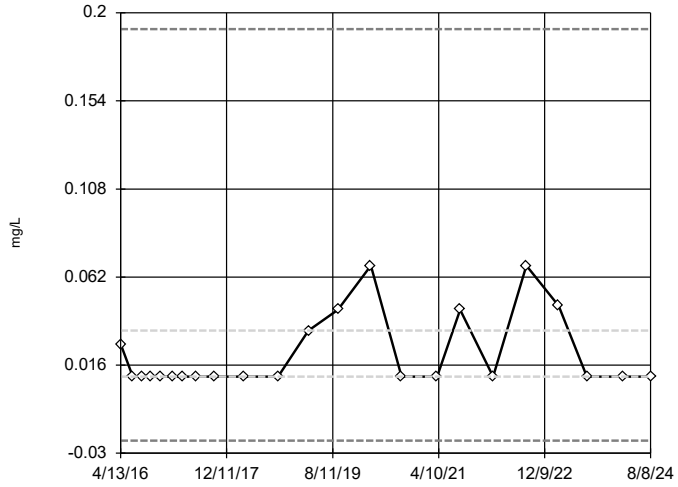
High cutoff = 0.15, low cutoff = -0.095, based on IQR multiplier of 3.

Constituent: Fluoride Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

Tukey's Outlier Screening

GWC-14



n = 23

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.1915, low cutoff = -0.02346, based on IQR multiplier of 3.

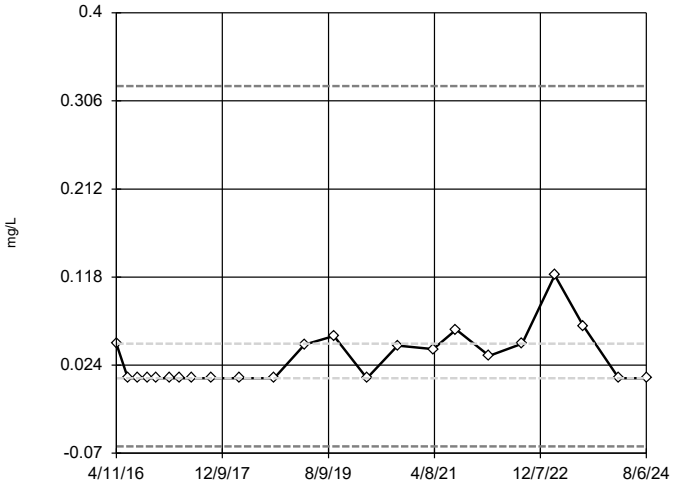
Constituent: Fluoride Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-18



n = 23

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.3217, low cutoff = -0.06269, based on IQR multiplier of 3.

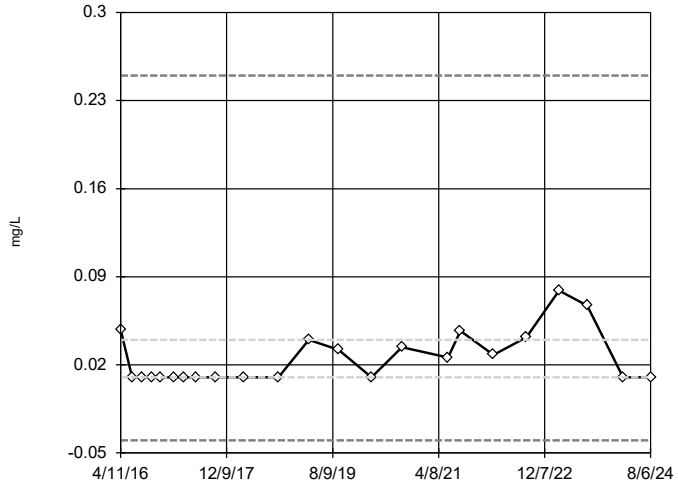
Constituent: Fluoride Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-19



n = 23

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.25, low cutoff = -0.04, based on IQR multiplier of 3.

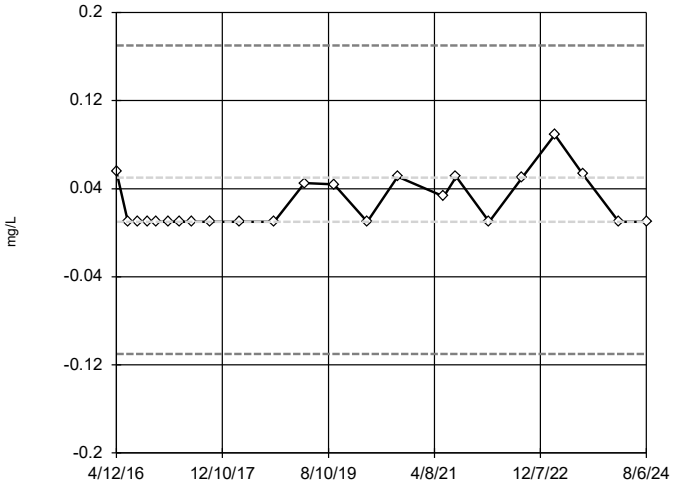
Constituent: Fluoride Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-20



n = 23

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

High cutoff = 0.17, low cutoff = -0.11, based on IQR multiplier of 3.

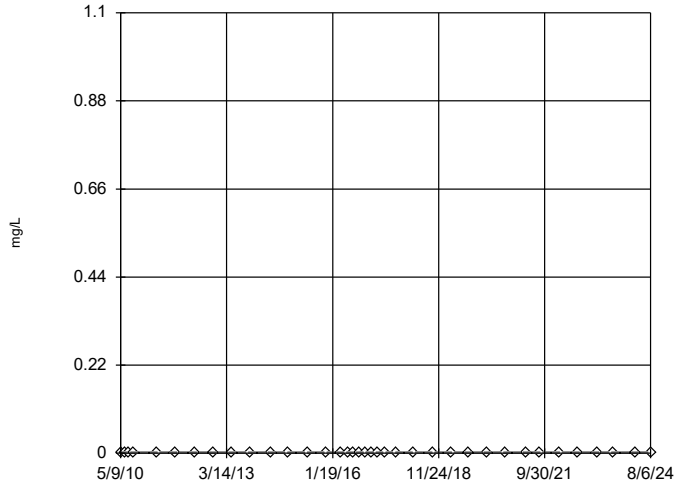
Constituent: Fluoride Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWA-15 (bg)



n = 37

No outliers found.
Tukey's method select-ed by user.

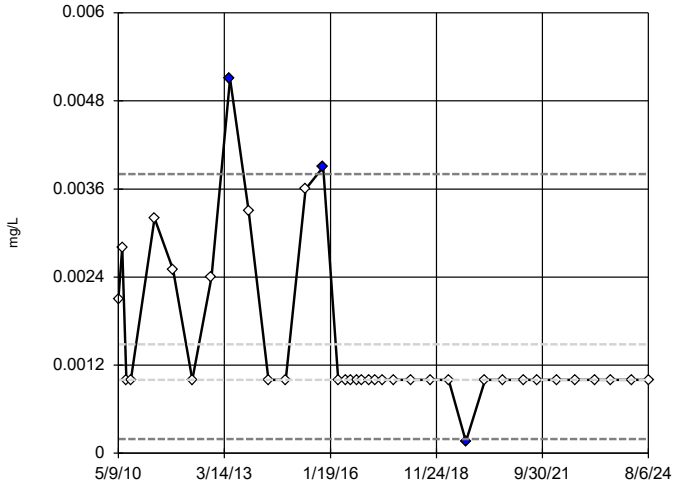
All values are the same.

Constituent: Lead Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWA-16 (bg)



n = 37

Outliers are drawn as solid.
Tukey's method select-ed by user.

Data were cube root trans-formed to achieve best W statistic (graph shown in original units).

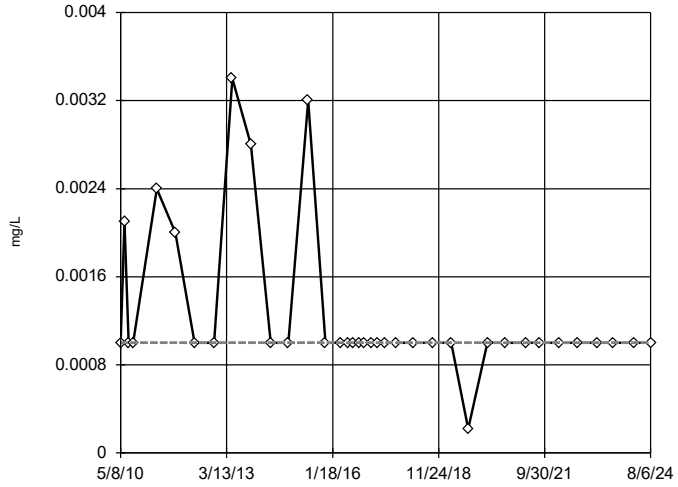
High cutoff = 0.003805, low cutoff = 0.0001942, based on IQR multiplier of 3.

Constituent: Lead Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWA-17 (bg)



n = 37

No outliers found.
Tukey's method select-ed by user.

Data were cube root trans-formed to achieve best W statistic (graph shown in original units).

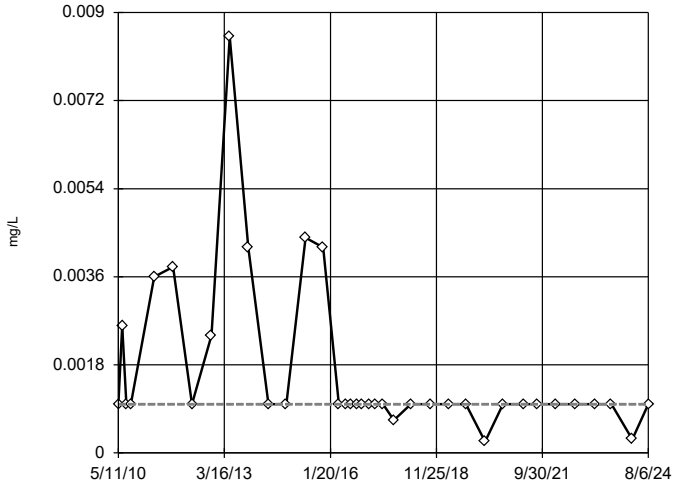
The results were invalid-ated, because the lower and upper quartiles are equal.

Constituent: Lead Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-1



n = 37

No outliers found.
Tukey's method select-ed by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

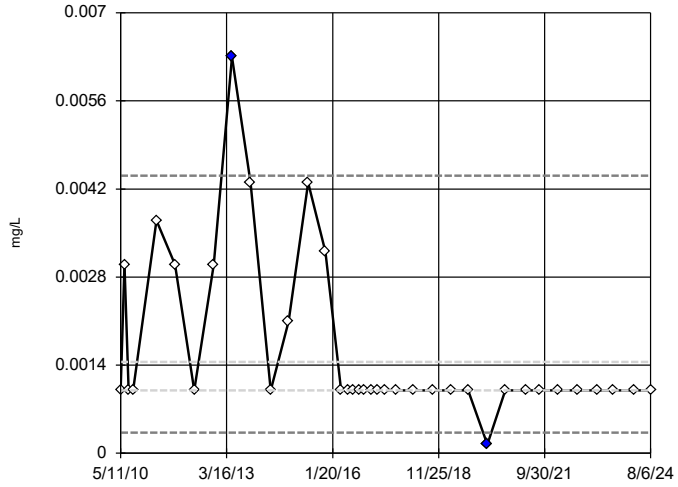
The results were invalid-ated, because the lower and upper quartiles are equal.

Constituent: Lead Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-2



n = 37

Outliers are drawn as solid.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

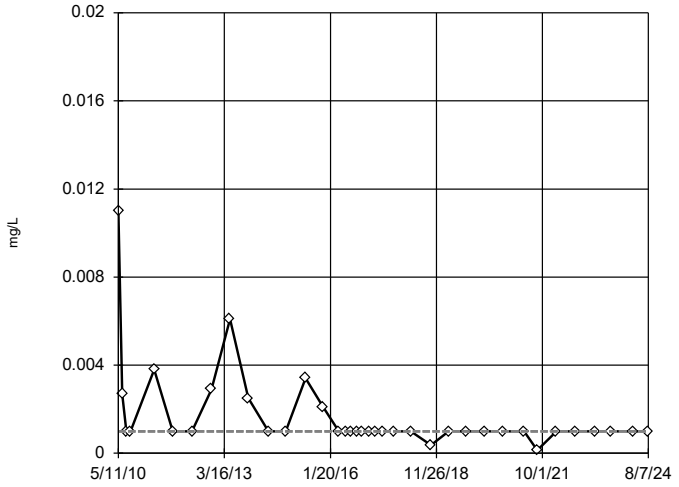
High cutoff = 0.00441, low cutoff = 0.0003286, based on IQR multiplier of 3.

Constituent: Lead Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-3



n = 37

No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

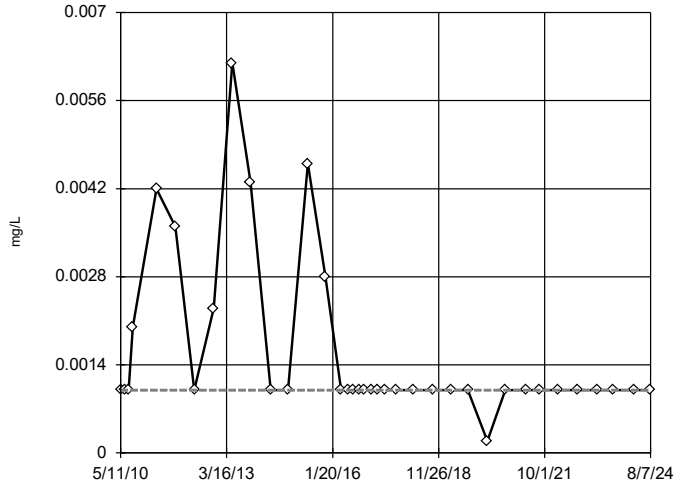
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Lead Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-4



n = 37

No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

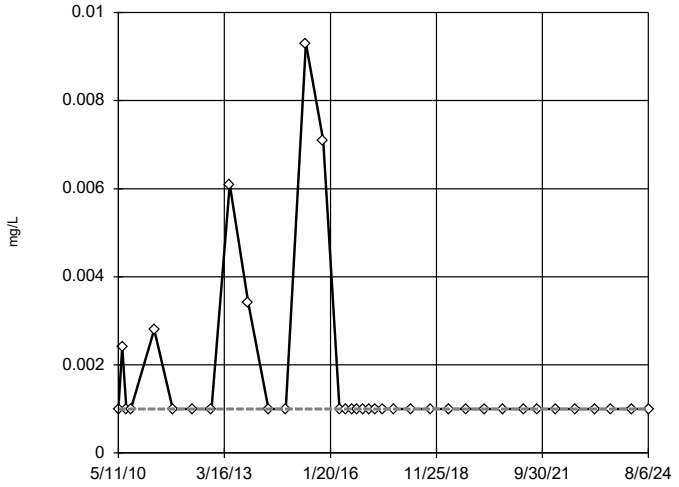
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Lead Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-5



n = 37

No outliers found.
Tukey's method selected by user.

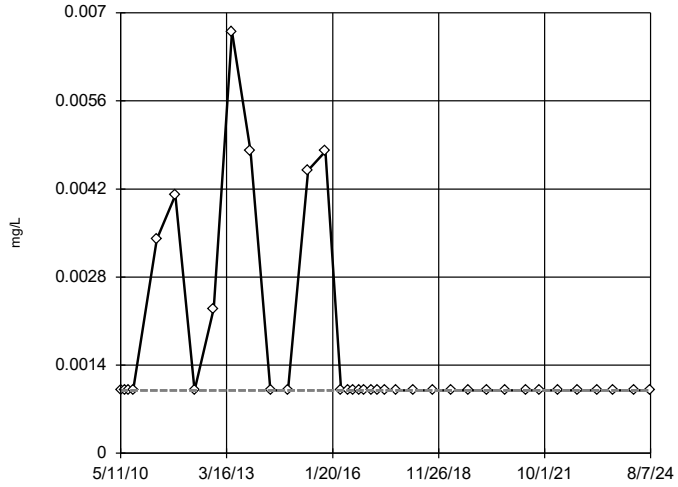
Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Lead Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Tukey's Outlier Screening

GWC-6



n = 37

No outliers found.
Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

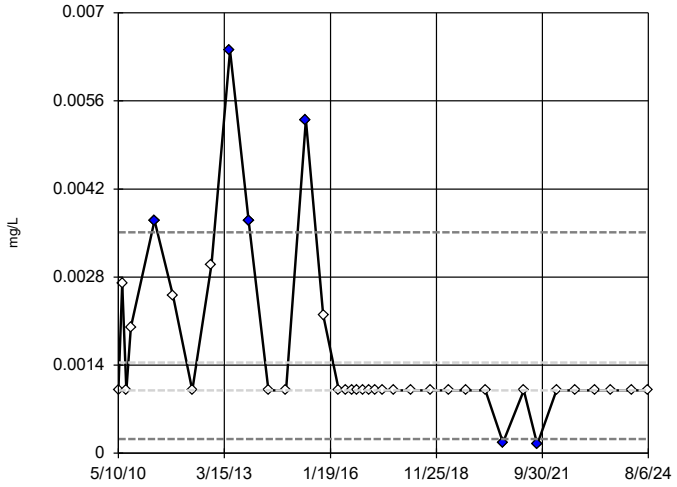
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Lead Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-7



n = 37

Outliers are drawn as solid.
Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

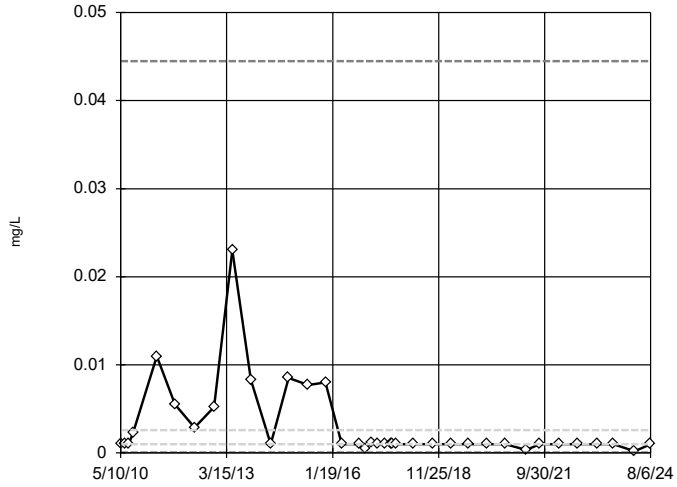
High cutoff = 0.003511, low cutoff = 0.0002271, based on IQR multiplier of 3.

Constituent: Lead Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis
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Tukey's Outlier Screening

GWC-8A



n = 37

No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

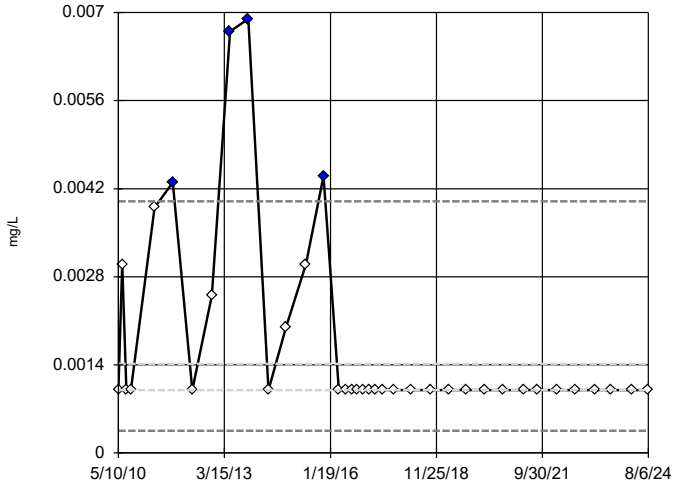
High cutoff = 0.04449, low cutoff = 0.00005805, based on IQR multiplier of 3.

Constituent: Lead Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis
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Tukey's Outlier Screening

GWC-9



n = 37

Outliers are drawn as solid.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

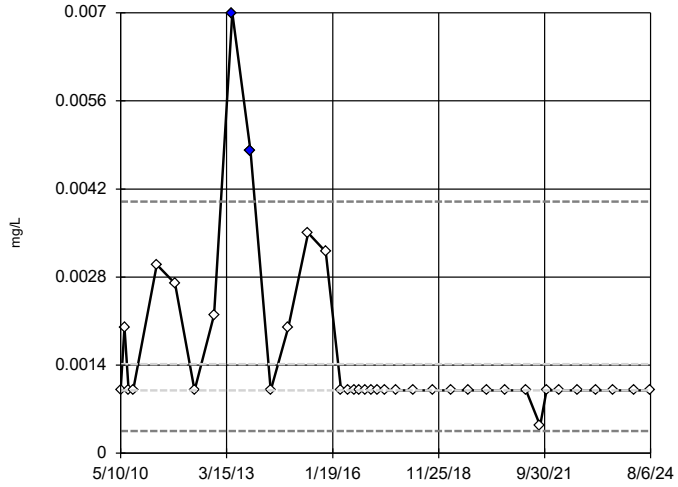
High cutoff = 0.004, low cutoff = 0.0003536, based on IQR multiplier of 3.

Constituent: Lead Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-10



n = 38

Outliers are drawn as solid.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

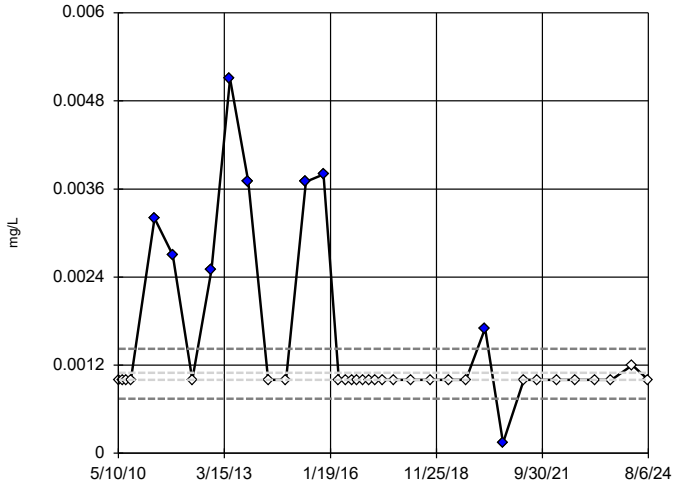
High cutoff = 0.004, low cutoff = 0.0003536, based on IQR multiplier of 3.

Constituent: Lead Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-11



n = 37

Outliers are drawn as solid.
Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

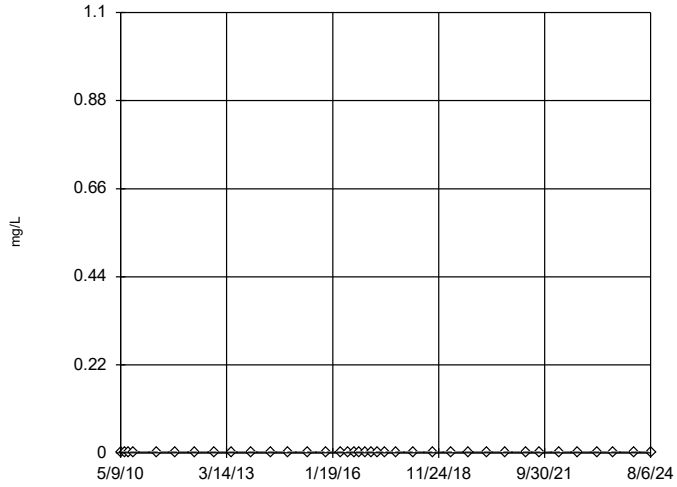
High cutoff = 0.001425, low cutoff = 0.0007437, based on IQR multiplier of 3.

Constituent: Lead Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-12



n = 37

No outliers found.
Tukey's method selected by user.

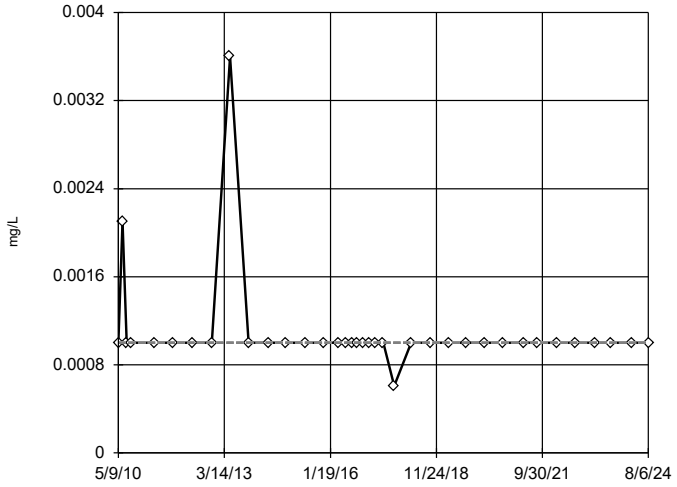
All values are the same.

Constituent: Lead Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-13



n = 37

No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

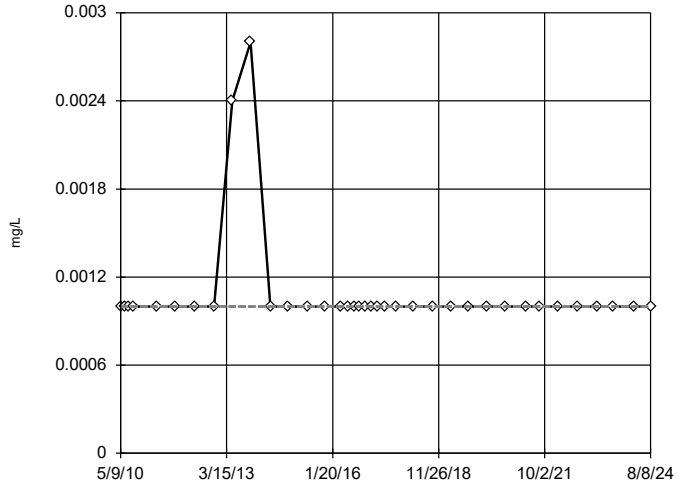
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Lead Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-14



n = 37

No outliers found.
Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

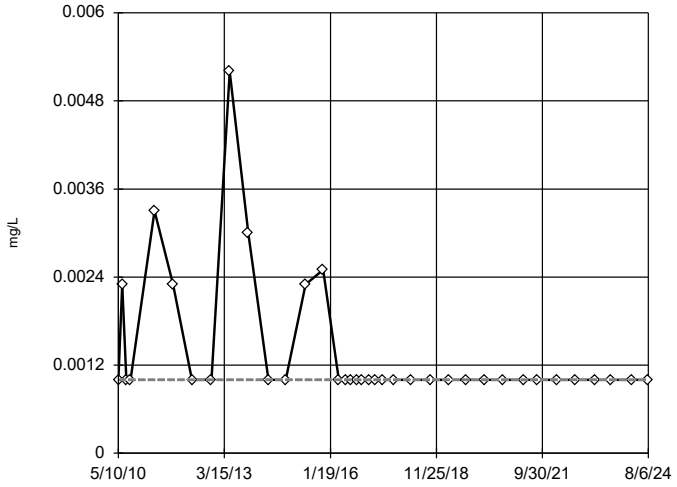
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Lead Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-18



n = 37

No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

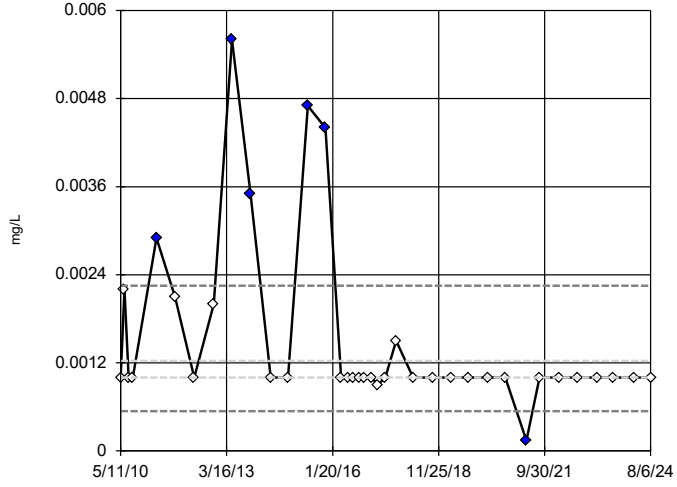
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Lead Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-19



n = 37

Outliers are drawn as solid.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

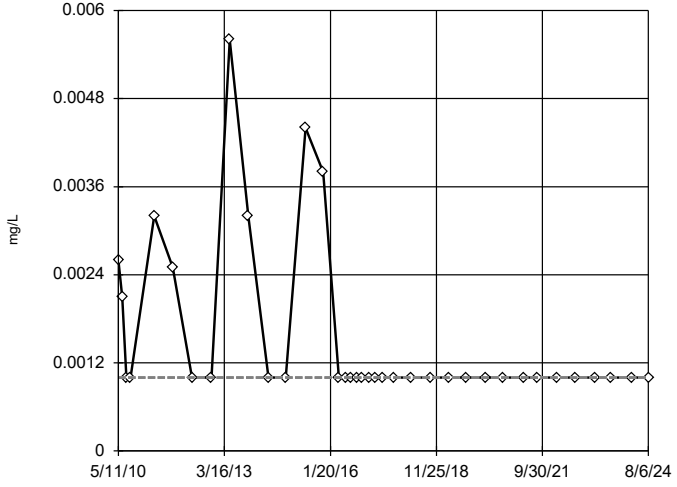
High cutoff = 0.00225, low cutoff = 0.0005443, based on IQR multiplier of 3.

Constituent: Lead Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-20



n = 37

No outliers found.
Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

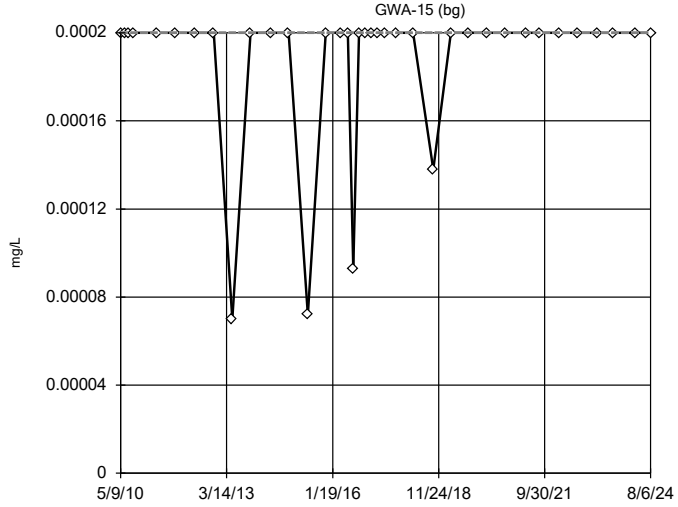
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Lead Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWA-15 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

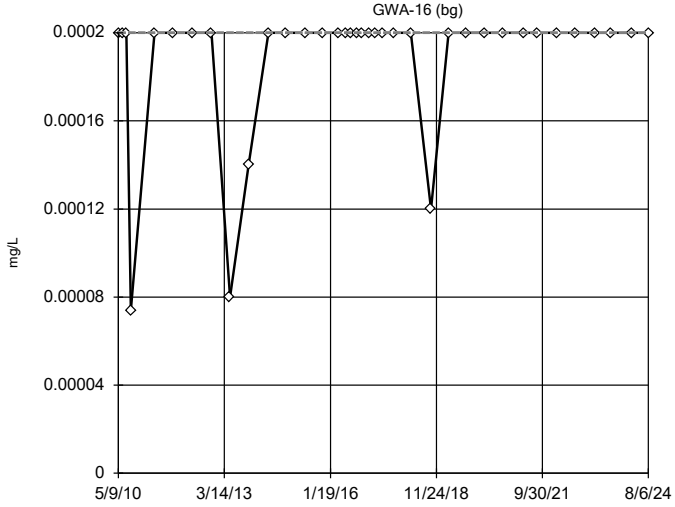
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Mercury Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWA-16 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

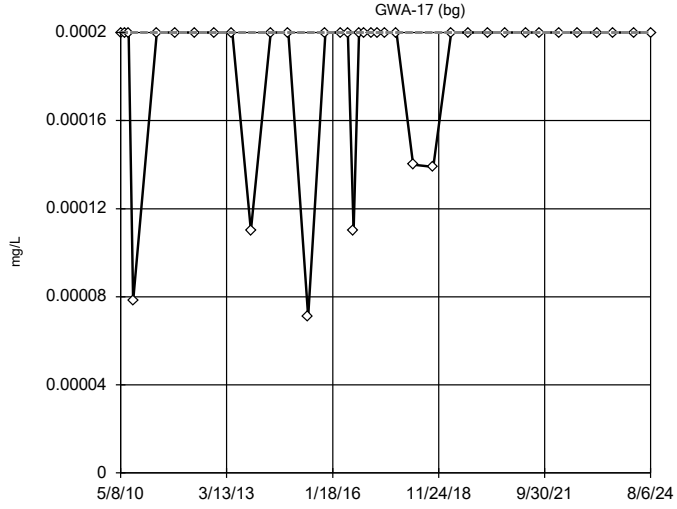
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Mercury Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWA-17 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

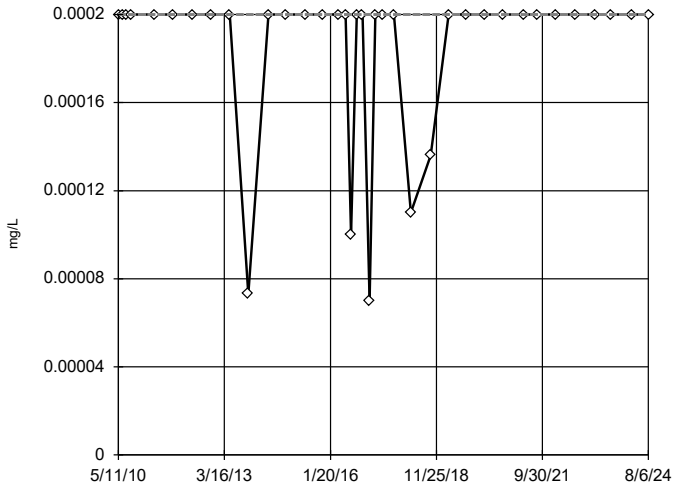
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Mercury Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-1



n = 37

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

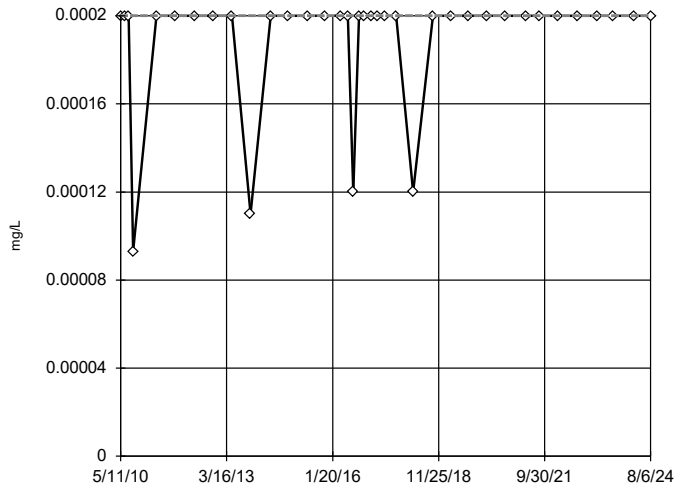
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Mercury Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-2



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

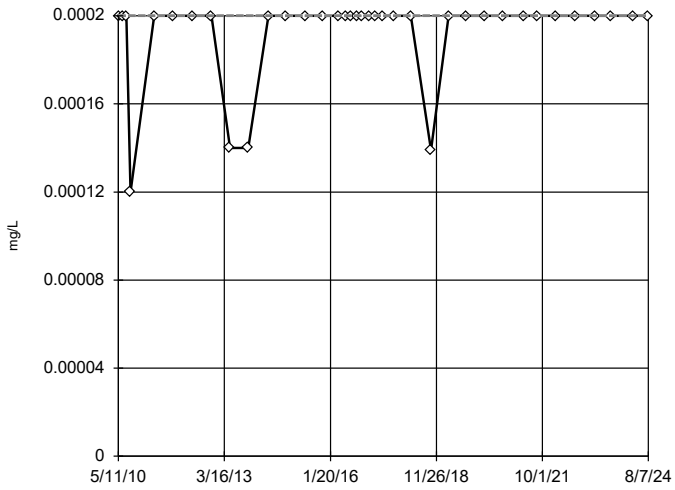
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Mercury Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-3



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

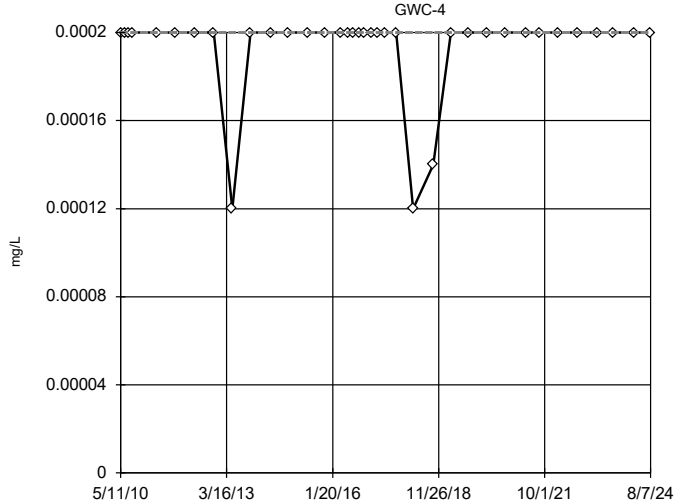
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Mercury Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-4



n = 37

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

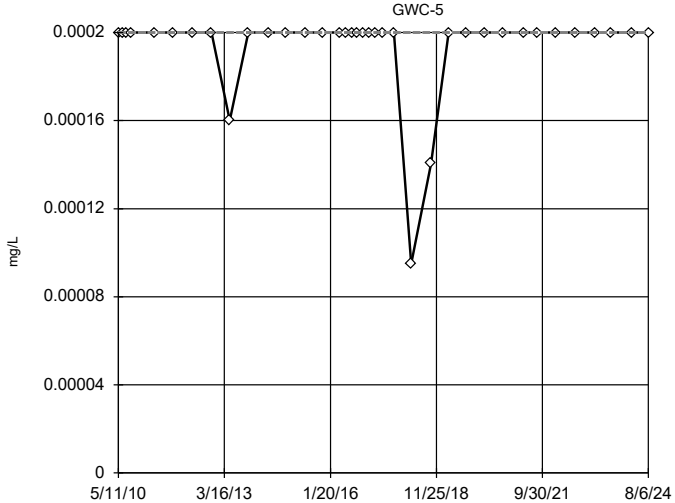
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Mercury Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-5



n = 37

No outliers found. Tukey's method selected by user.

Data were x^4 transformed to achieve best W statistic (graph shown in original units).

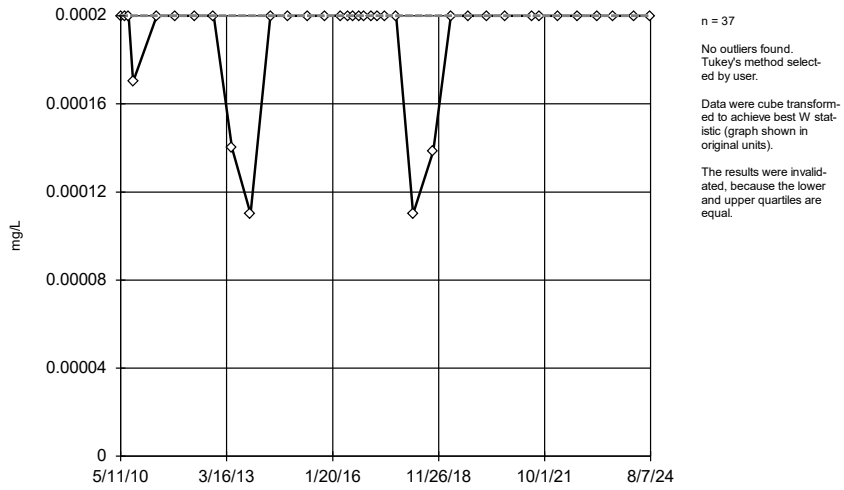
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Mercury Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-6



n = 37

No outliers found. Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

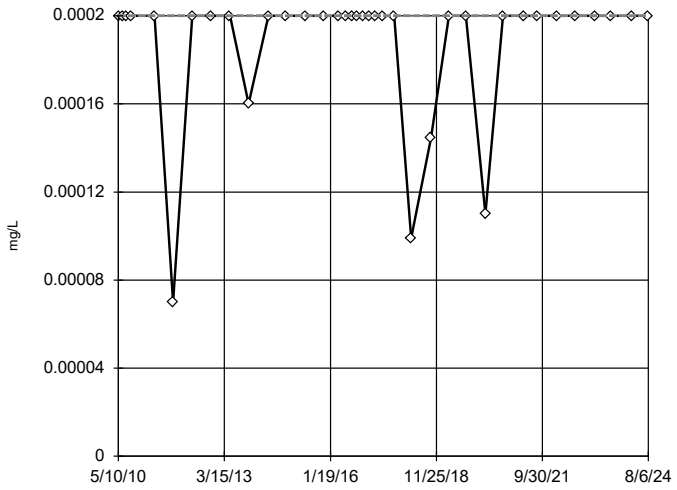
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Mercury Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-7



n = 37

No outliers found. Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

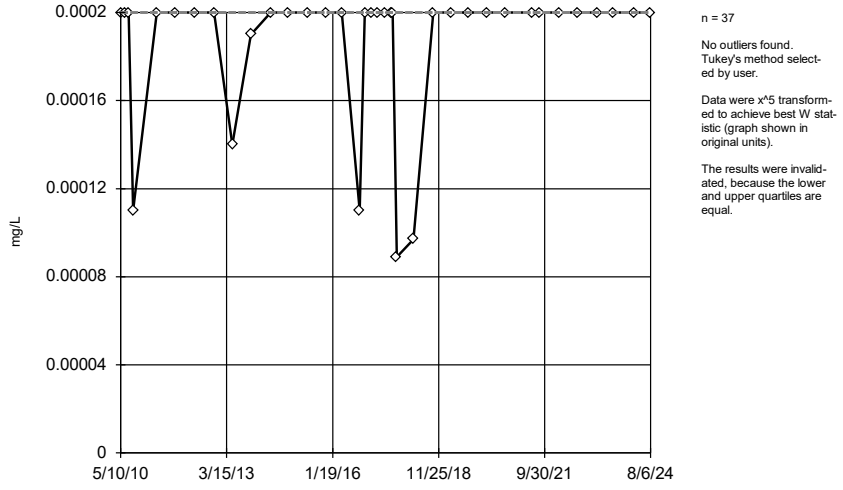
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Mercury Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-8A



n = 37

No outliers found. Tukey's method selected by user.

Data were x^5 transformed to achieve best W statistic (graph shown in original units).

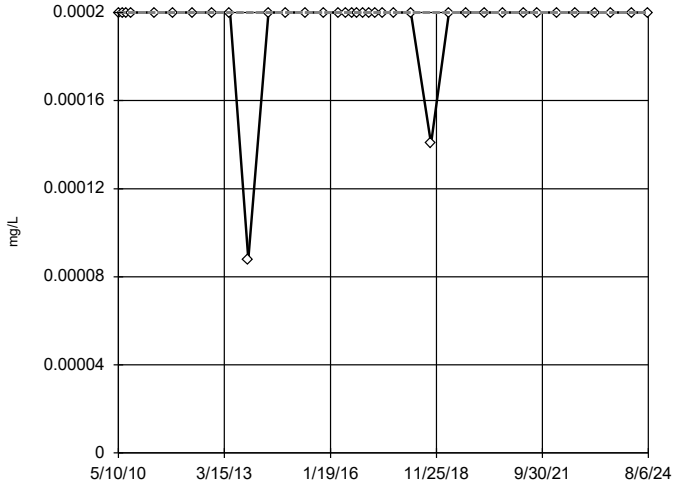
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Mercury Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-9



n = 37

No outliers found. Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

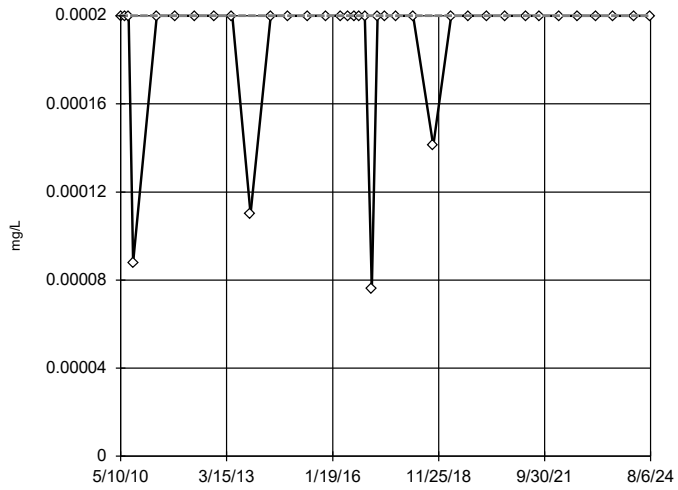
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Mercury Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-10



n = 37

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

The results were invalidated, because the lower and upper quartiles are equal.

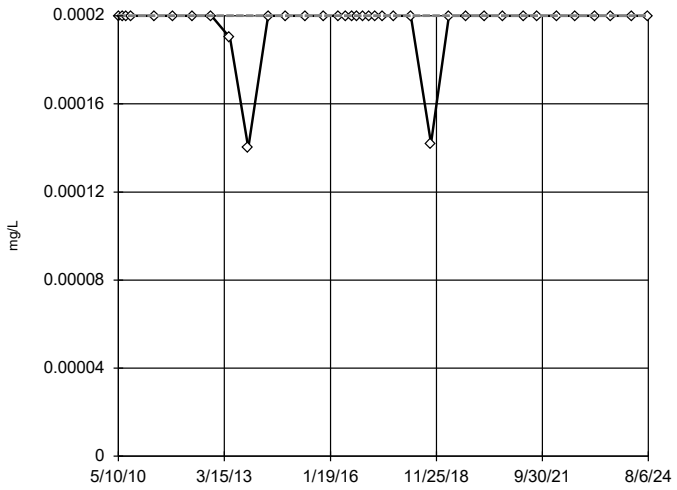
Constituent: Mercury Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-11



n = 37

No outliers found. Tukey's method selected by user.

Data were x^4 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

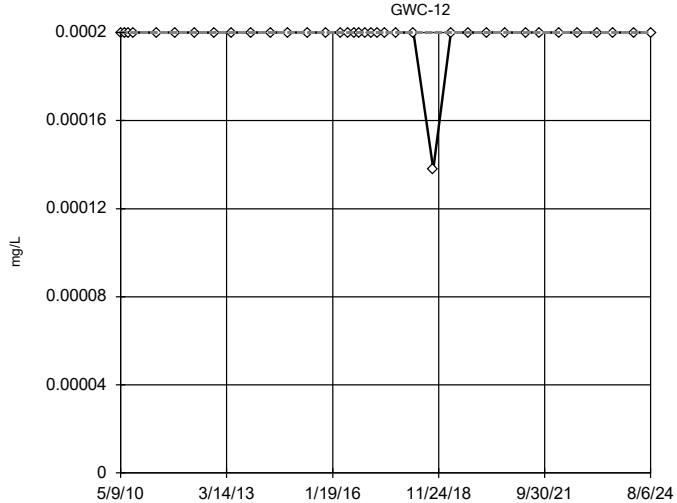
Constituent: Mercury Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-12



n = 37

No outliers found. Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

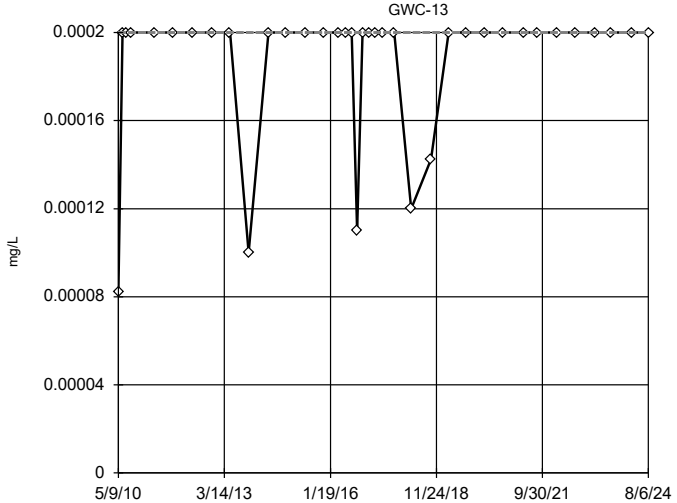
Constituent: Mercury Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-13



n = 37

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

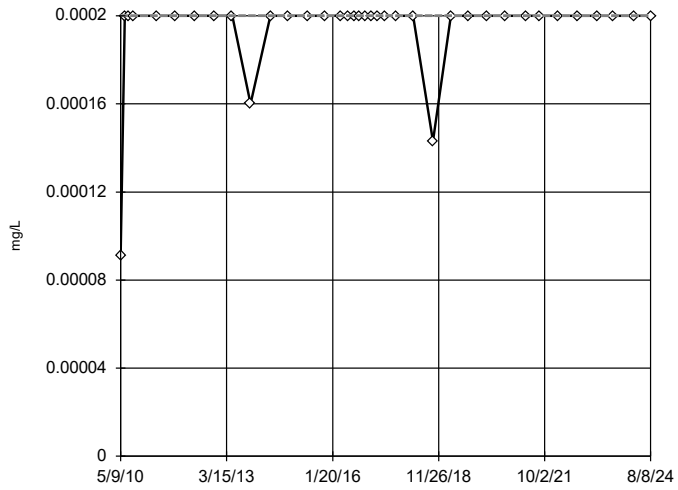
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Mercury Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

Tukey's Outlier Screening

GWC-14



n = 37

No outliers found. Tukey's method selected by user.

Data were x^4 transformed to achieve best W statistic (graph shown in original units).

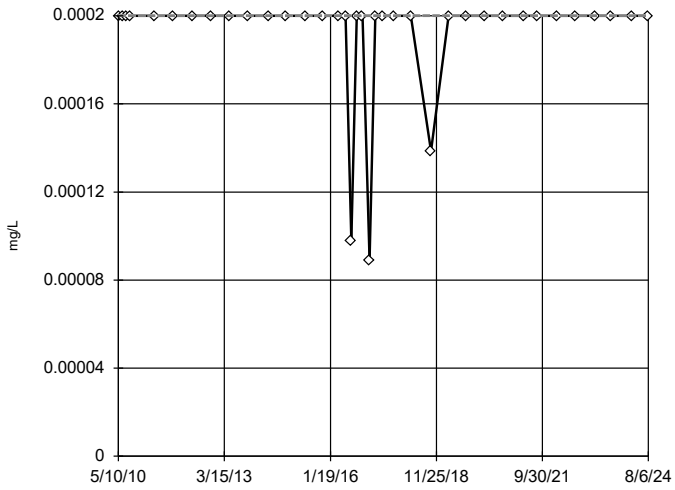
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Mercury Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-18



n = 37

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

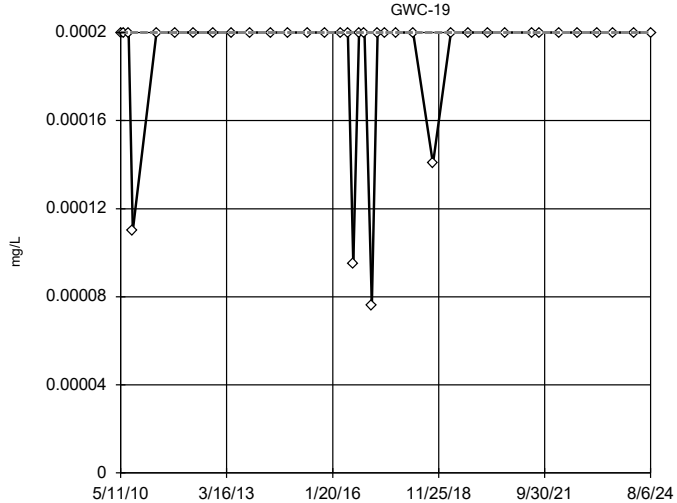
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Mercury Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-19



n = 37

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

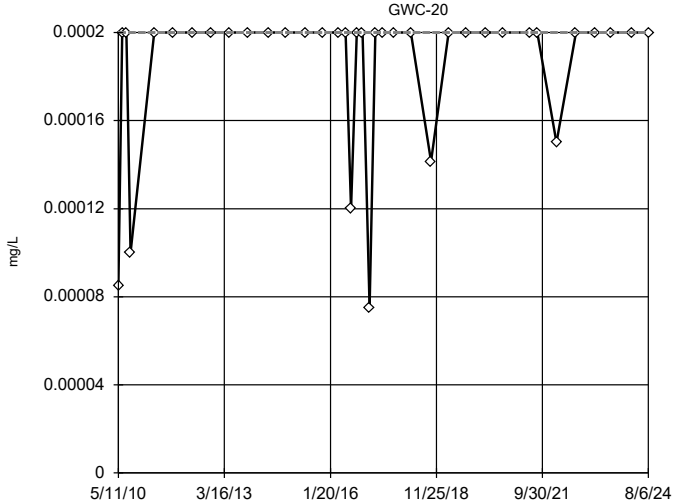
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Mercury Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-20



n = 37

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

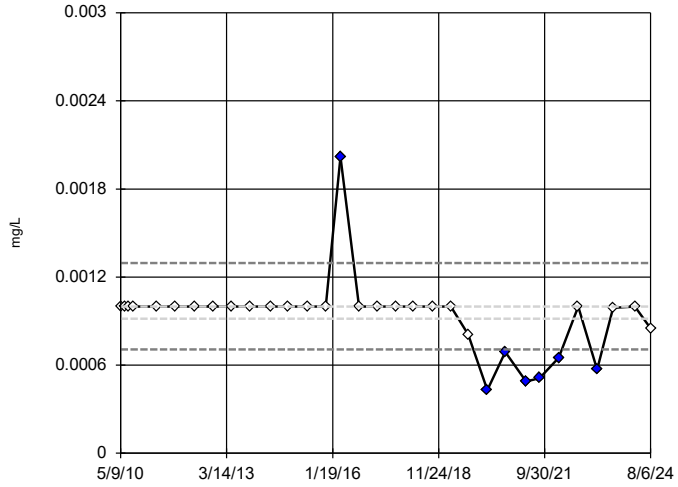
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Mercury Analysis Run 4/16/2025 10:52 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWA-15 (bg)



n = 32

Outliers are drawn as solid.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

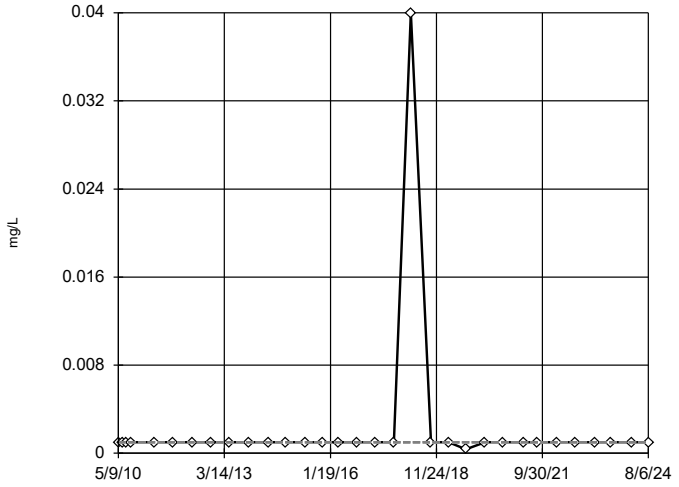
High cutoff = 0.001295, low cutoff = 0.0007081, based on IQR multiplier of 3.

Constituent: Nickel Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis
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Tukey's Outlier Screening

GWA-16 (bg)



n = 32

No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

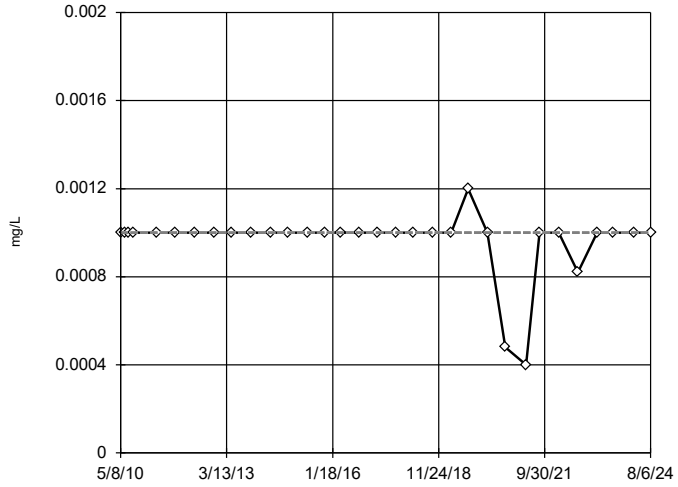
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Nickel Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis
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Tukey's Outlier Screening

GWA-17 (bg)



n = 32

No outliers found.
Tukey's method selected by user.

Data were x^4 transformed to achieve best W statistic (graph shown in original units).

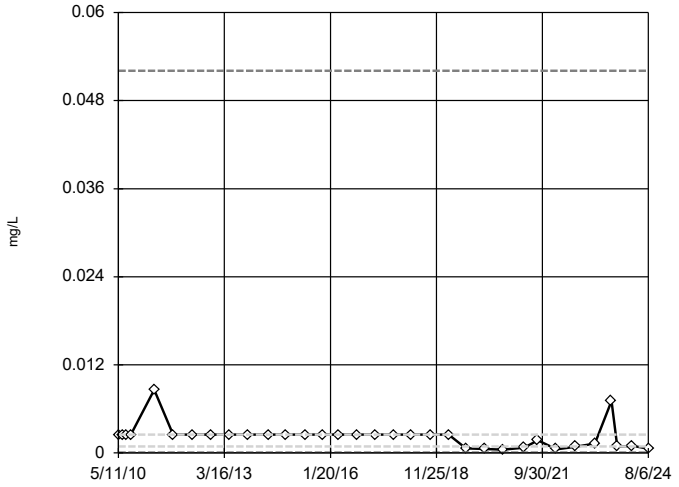
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Nickel Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-1



n = 33

No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

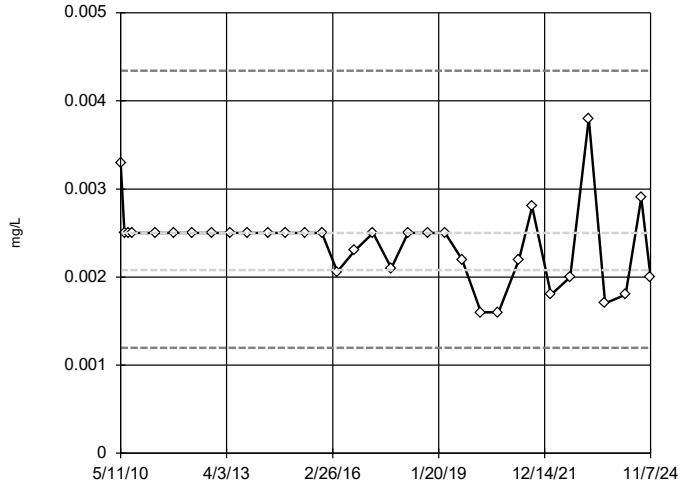
High cutoff = 0.05207, low cutoff = 0.00004362, based on IQR multiplier of 3.

Constituent: Nickel Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-2



n = 33

No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

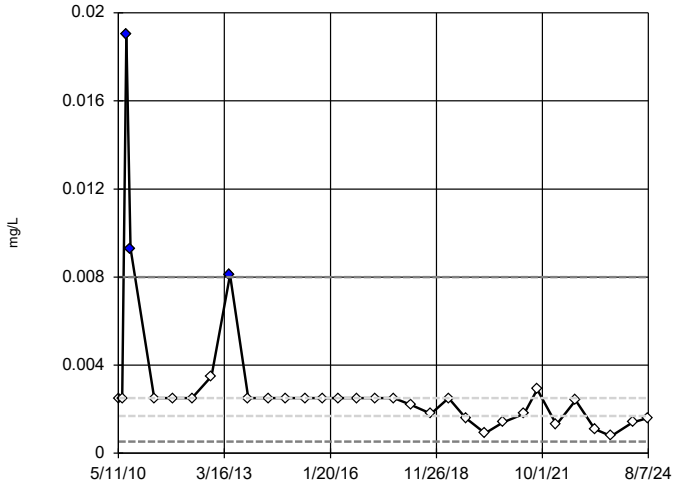
High cutoff = 0.004341, low cutoff = 0.001198, based on IQR multiplier of 3.

Constituent: Nickel Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-3



n = 32

Outliers are drawn as solid.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

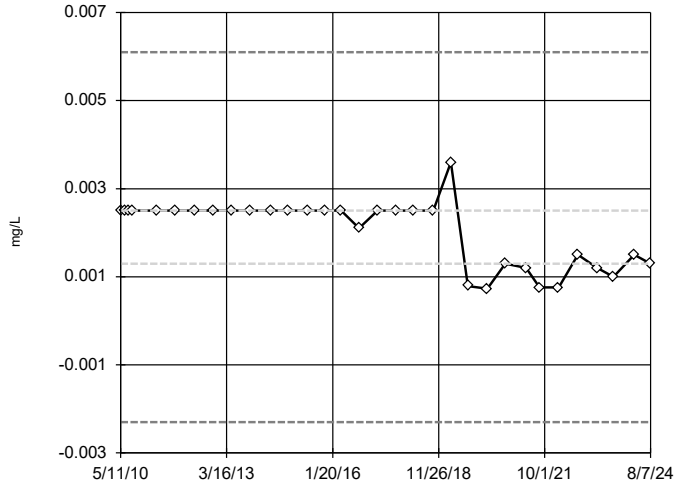
High cutoff = 0.007992, low cutoff = 0.0005308, based on IQR multiplier of 3.

Constituent: Nickel Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-4



n = 32

No outliers found.
Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

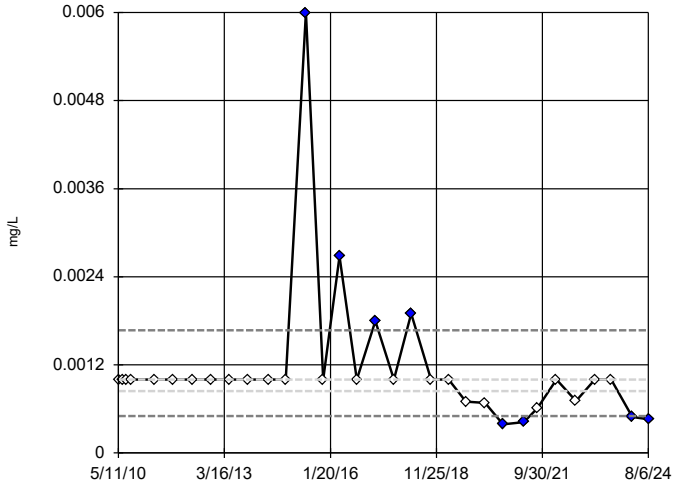
High cutoff = 0.0061, low cutoff = -0.0023, based on IQR multiplier of 3.

Constituent: Nickel Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-5



n = 32

Outliers are drawn as solid.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

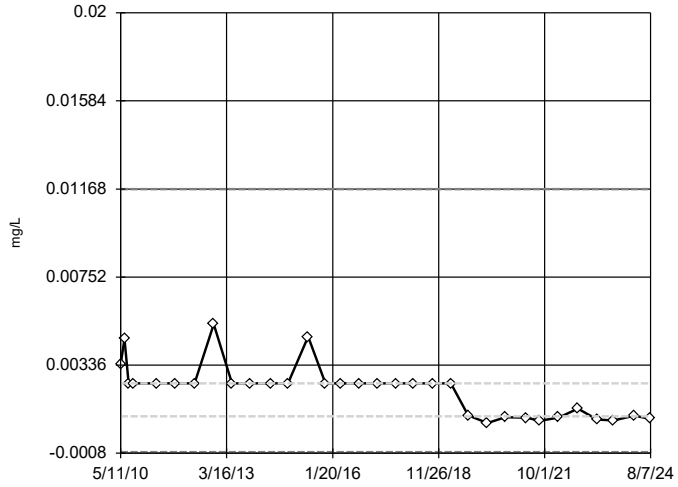
High cutoff = 0.001672, low cutoff = 0.0005041, based on IQR multiplier of 3.

Constituent: Nickel Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-6



n = 32

No outliers found.
Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

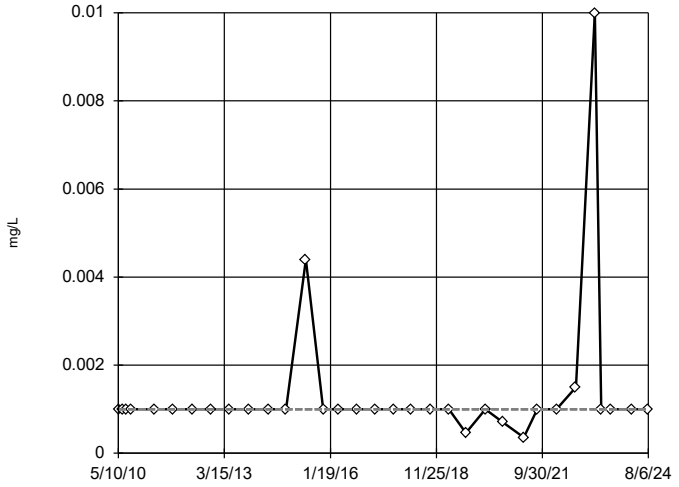
High cutoff = 0.01167, low cutoff = -0.0007502, based on IQR multiplier of 3.

Constituent: Nickel Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-7



n = 33

No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

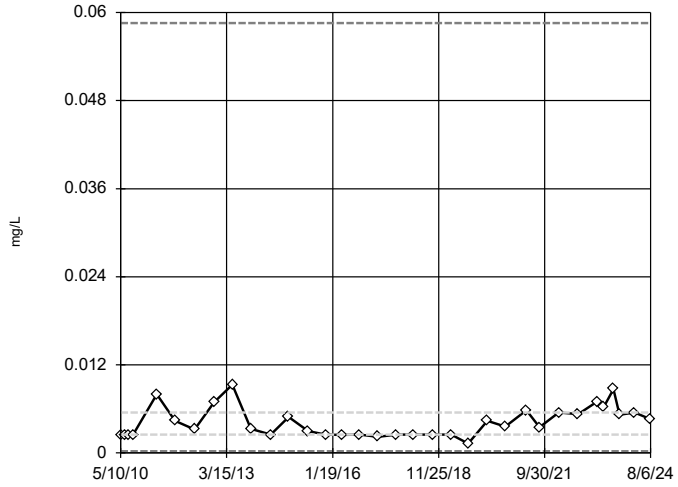
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Nickel Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-8A



n = 34

No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

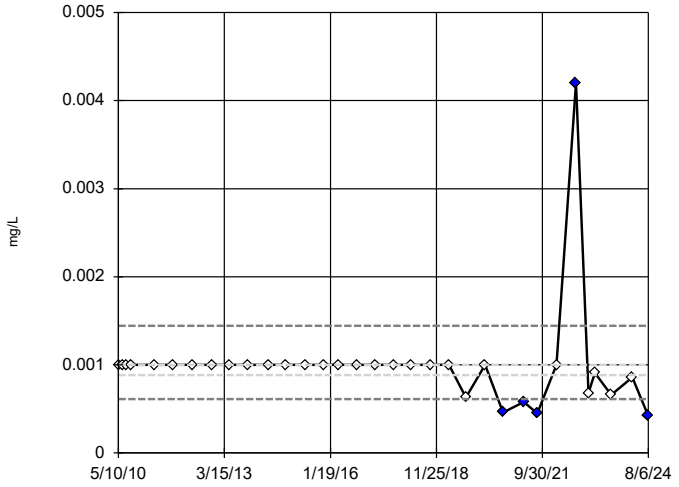
High cutoff = 0.05856, low cutoff = 0.0002348, based on IQR multiplier of 3.

Constituent: Nickel Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-9



n = 33

Outliers are drawn as solid.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

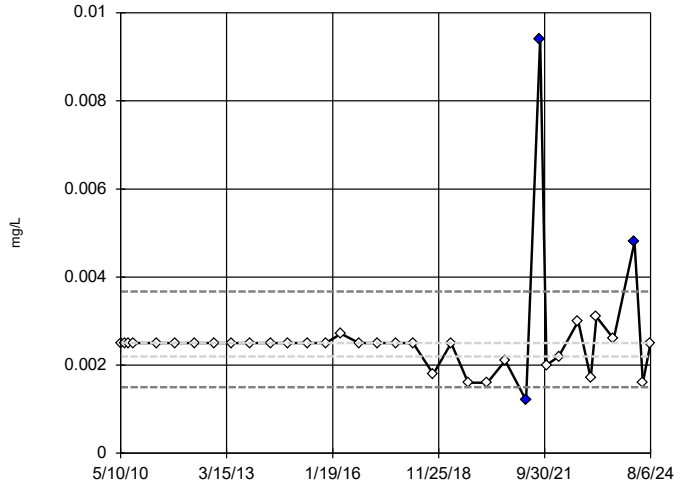
High cutoff = 0.001444, low cutoff = 0.0006125, based on IQR multiplier of 3.

Constituent: Nickel Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-10



n = 35

Outliers are drawn as solid.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

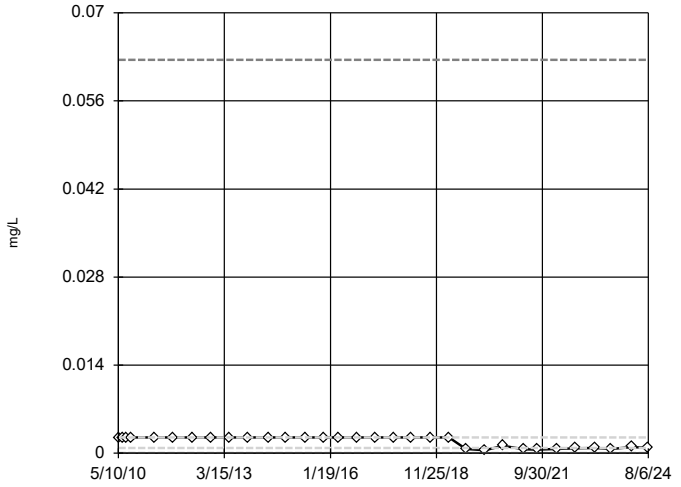
High cutoff = 0.003669, low cutoff = 0.001499, based on IQR multiplier of 3.

Constituent: Nickel Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-11



n = 32

No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

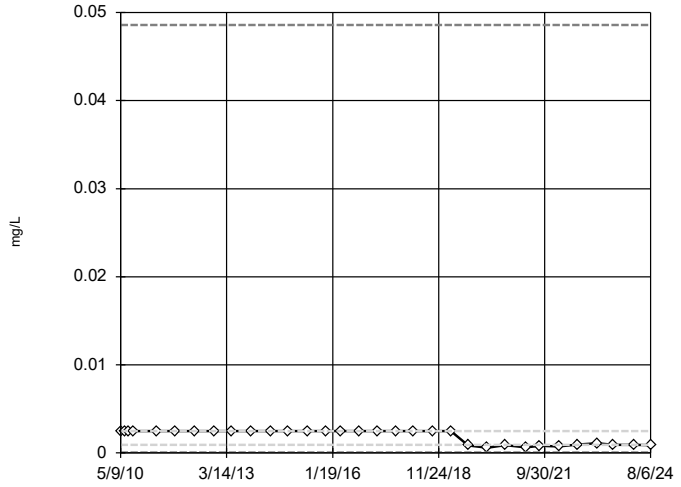
High cutoff = 0.0625, low cutoff = 0.0000342, based on IQR multiplier of 3.

Constituent: Nickel Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-12



n = 32

No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

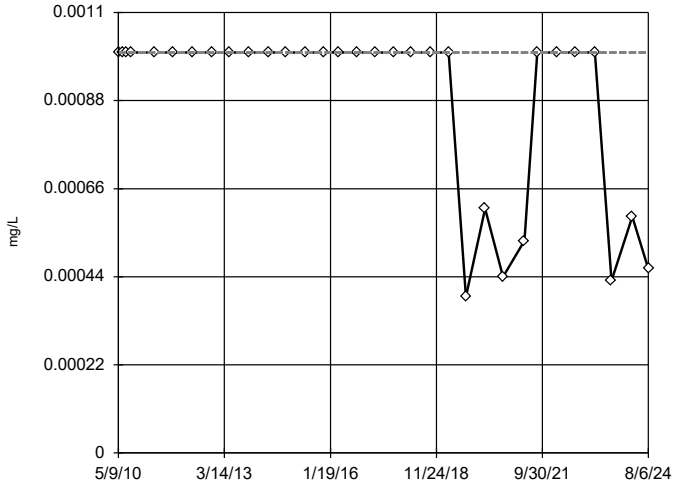
High cutoff = 0.04857, low cutoff = 0.00004786, based on IQR multiplier of 3.

Constituent: Nickel Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-13



n = 32

No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

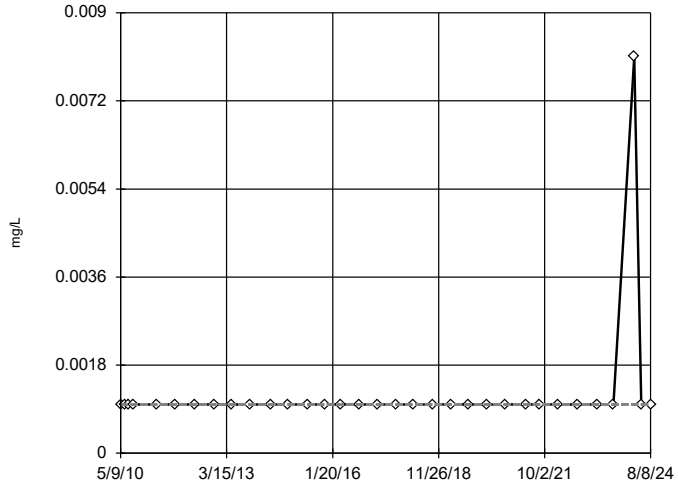
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Nickel Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-14



n = 33

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

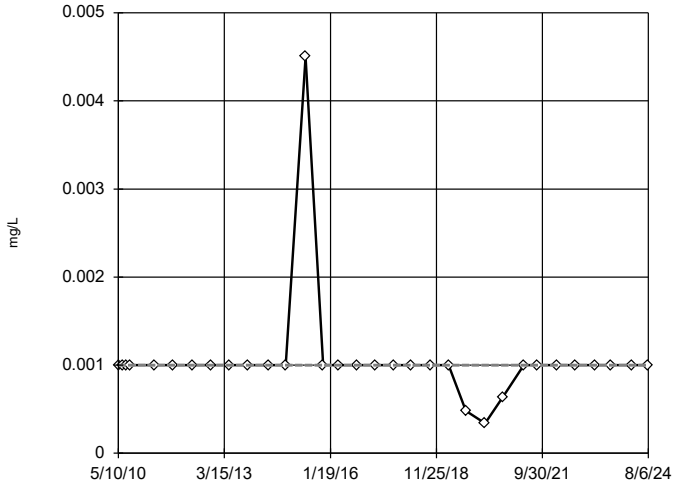
Constituent: Nickel Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-18



n = 32

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

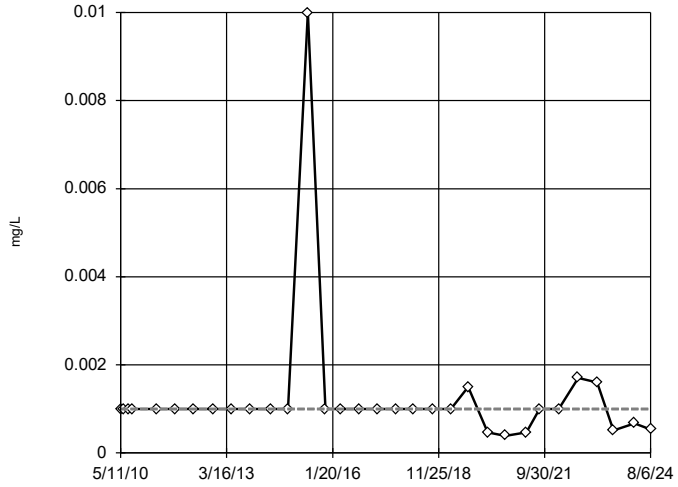
Constituent: Nickel Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-19



n = 32

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

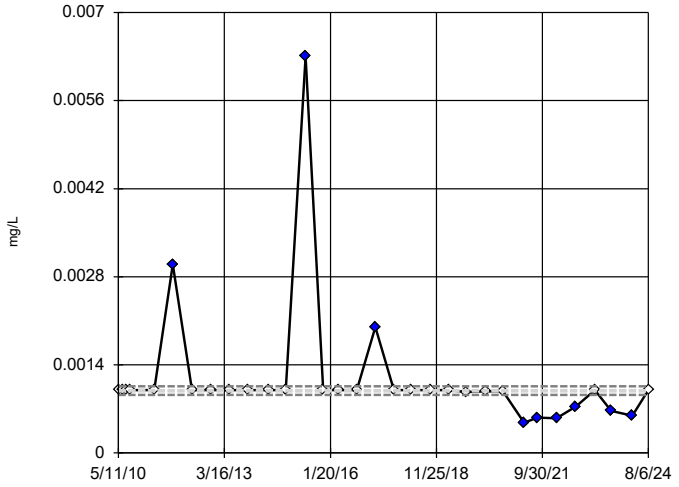
Constituent: Nickel Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-20



n = 32

Outliers are drawn as solid.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.001062, low cutoff = 0.0009224, based on IQR multiplier of 3.

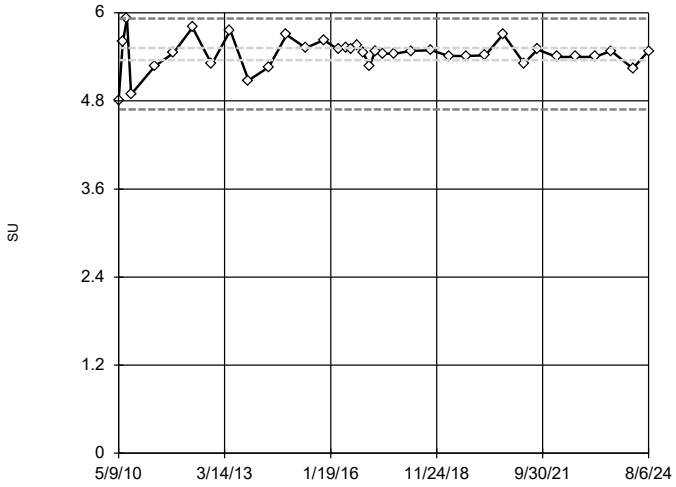
Constituent: Nickel Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWA-15 (bg)



n = 38

No outliers found. Tukey's method selected by user.

Data were x^5 transformed to achieve best W statistic (graph shown in original units).

High cutoff = 5.921, low cutoff = 4.683, based on IQR multiplier of 3.

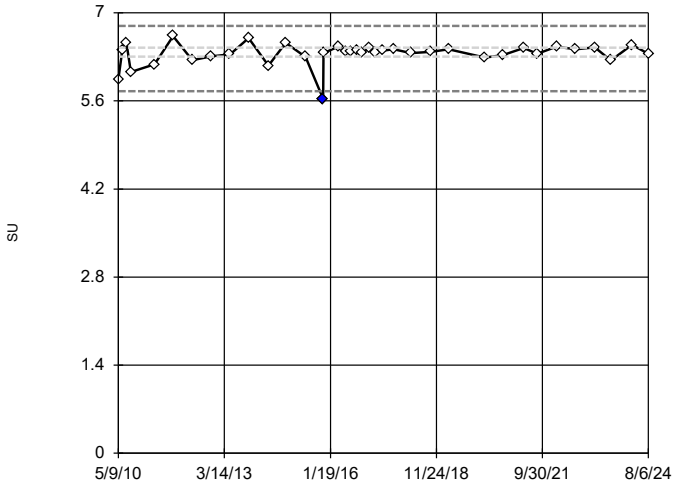
Constituent: pH, Field Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWA-16 (bg)



n = 37

Outlier is drawn as solid. Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

High cutoff = 6.793, low cutoff = 5.754, based on IQR multiplier of 3.

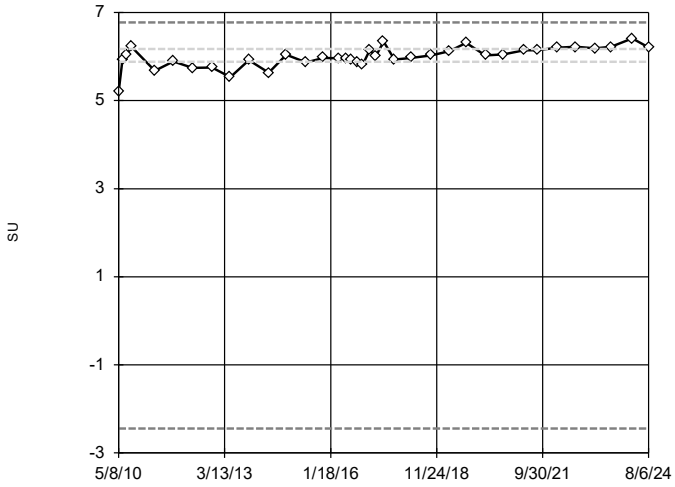
Constituent: pH, Field Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWA-17 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

High cutoff = 6.775, low cutoff = -2.443, based on IQR multiplier of 3.

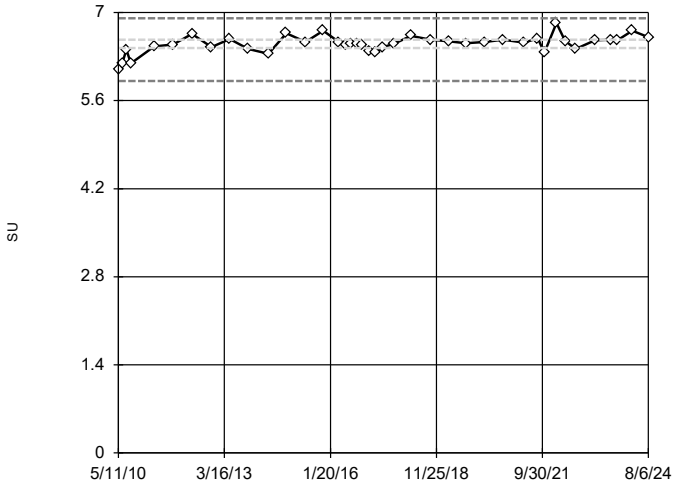
Constituent: pH, Field Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-1



n = 40

No outliers found. Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

High cutoff = 6.908, low cutoff = 5.914, based on IQR multiplier of 3.

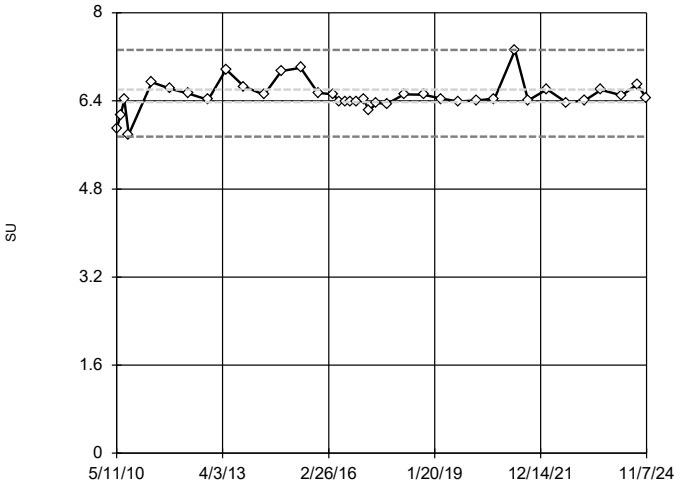
Constituent: pH, Field Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-2



n = 38

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 7.329, low cutoff = 5.75, based on IQR multiplier of 3.

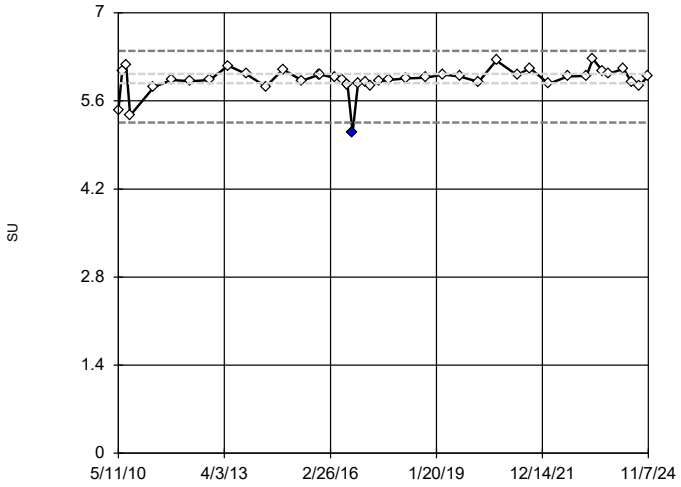
Constituent: pH, Field Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-3



n = 43

Outlier is drawn as solid. Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

High cutoff = 6.394, low cutoff = 5.257, based on IQR multiplier of 3.

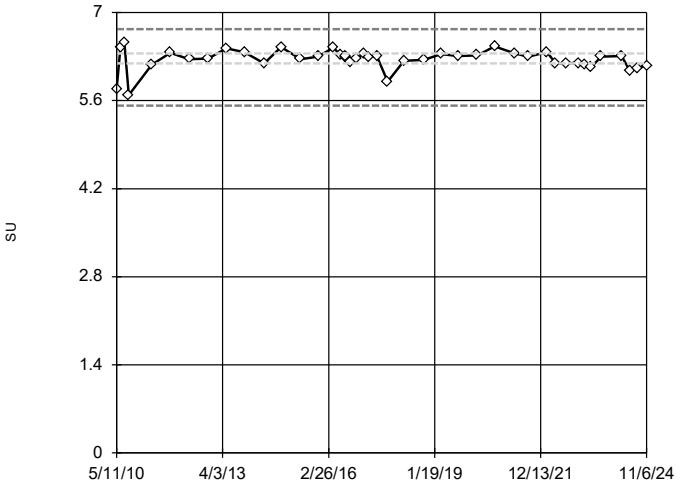
Constituent: pH, Field Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-4



n = 43

No outliers found. Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

High cutoff = 6.737, low cutoff = 5.521, based on IQR multiplier of 3.

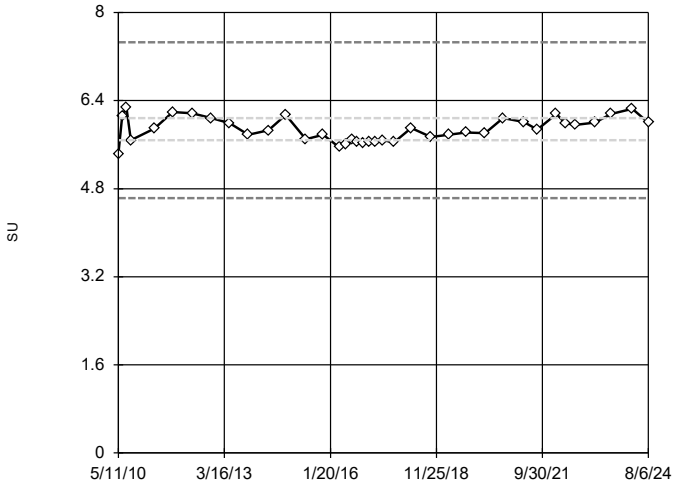
Constituent: pH, Field Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-5



n = 38

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 7.457, low cutoff = 4.631, based on IQR multiplier of 3.

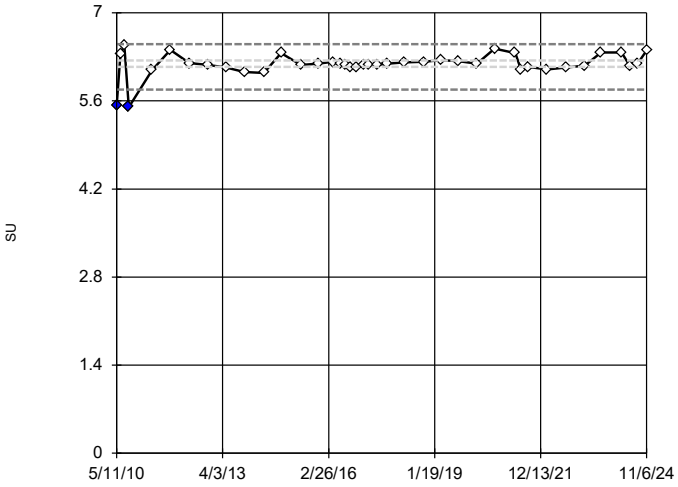
Constituent: pH, Field Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-6



n = 40

Outliers are drawn as solid.
Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

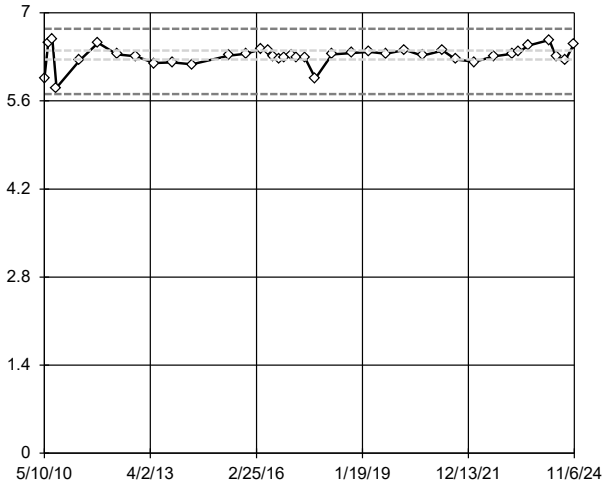
High cutoff = 6.5, low cutoff = 5.778, based on IQR multiplier of 3.

Constituent: pH, Field Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-7



n = 39

No outliers found.
Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

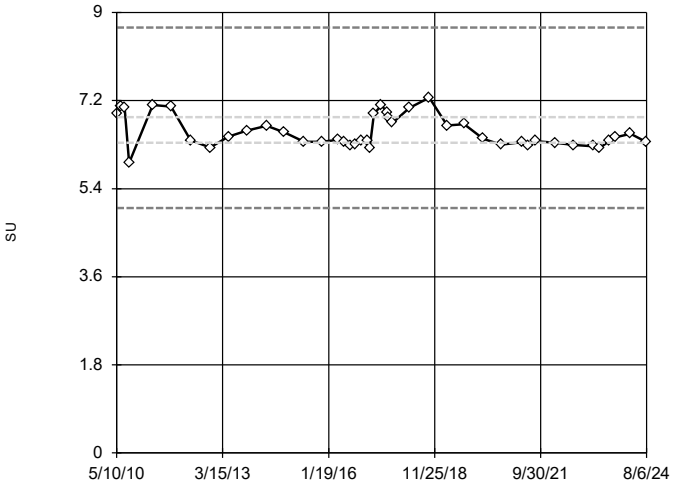
High cutoff = 6.747, low cutoff = 5.707, based on IQR multiplier of 3.

Constituent: pH, Field Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-8A



n = 43

No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

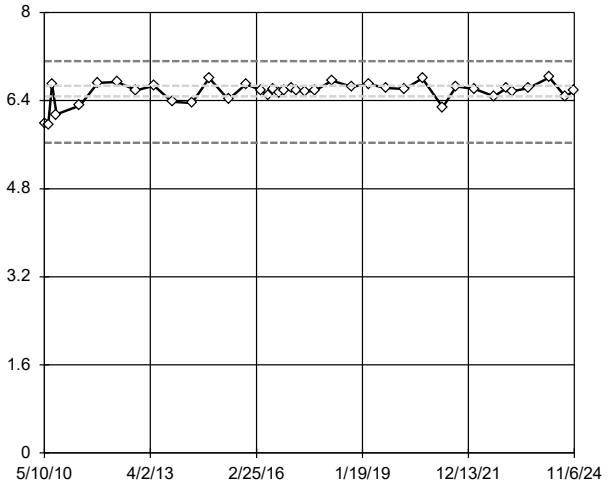
High cutoff = 8.69, low cutoff = 5.005, based on IQR multiplier of 3.

Constituent: pH, Field Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-9



n = 39

No outliers found.
Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

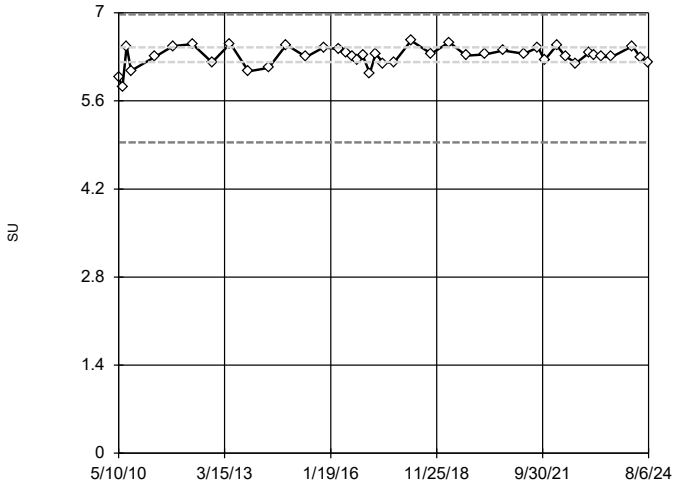
High cutoff = 7.118, low cutoff = 5.634, based on IQR multiplier of 3.

Constituent: pH, Field Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-10



n = 42

No outliers found.
Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

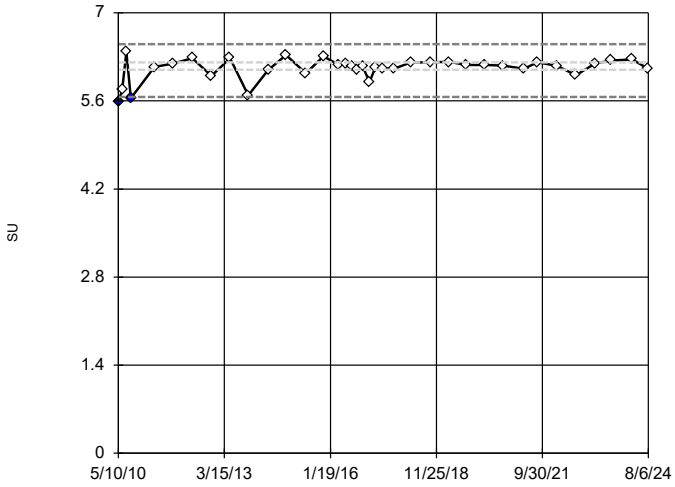
High cutoff = 6.975, low cutoff = 4.939, based on IQR multiplier of 3.

Constituent: pH, Field Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-11



n = 37

Outliers are drawn as solid.
Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

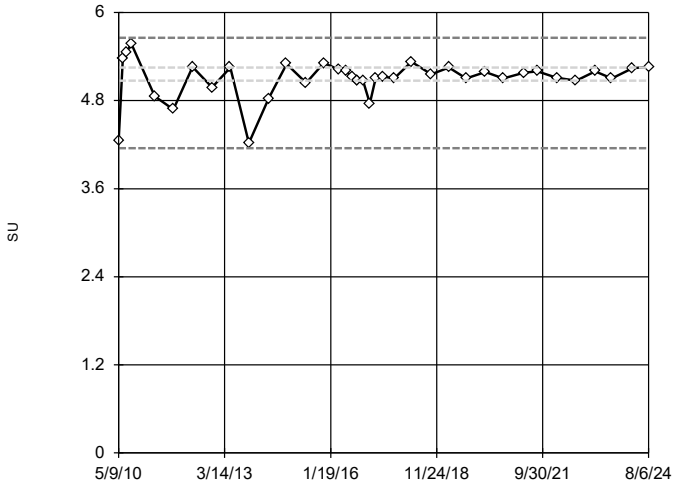
High cutoff = 6.503, low cutoff = 5.664, based on IQR multiplier of 3.

Constituent: pH, Field Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-12



n = 38

No outliers found.
Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

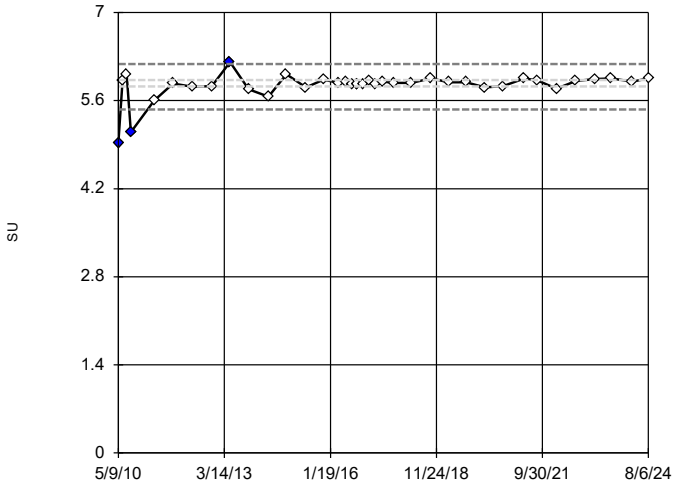
High cutoff = 5.658, low cutoff = 4.152, based on IQR multiplier of 3.

Constituent: pH, Field Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-13



n = 38

Outliers are drawn as solid.
Tukey's method selected by user.

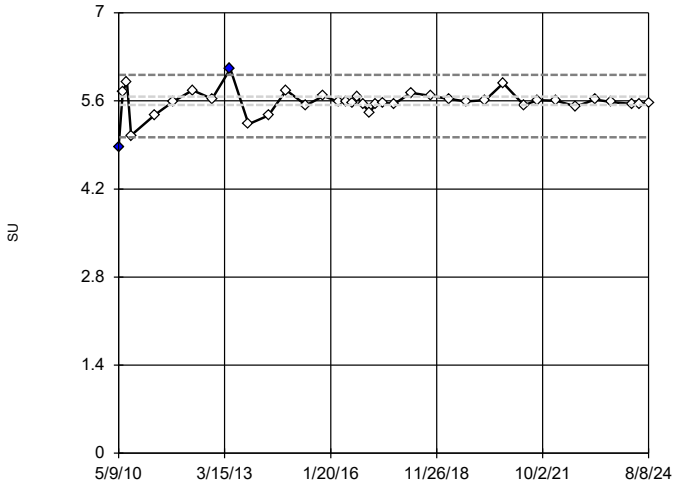
Data were x^6 transformed to achieve best W statistic (graph shown in original units).

High cutoff = 6.183, low cutoff = 5.459, based on IQR multiplier of 3.

Constituent: pH, Field Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Tukey's Outlier Screening

GWC-14



n = 38

Outliers are drawn as solid.
Tukey's method selected by user.

Data were x^5 transformed to achieve best W statistic (graph shown in original units).

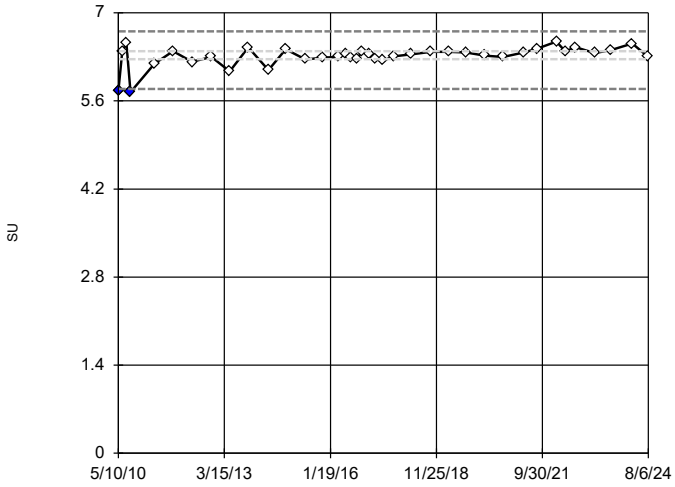
High cutoff = 6.012, low cutoff = 5.023, based on IQR multiplier of 3.

Constituent: pH, Field Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-18



n = 38

Outliers are drawn as solid.
Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

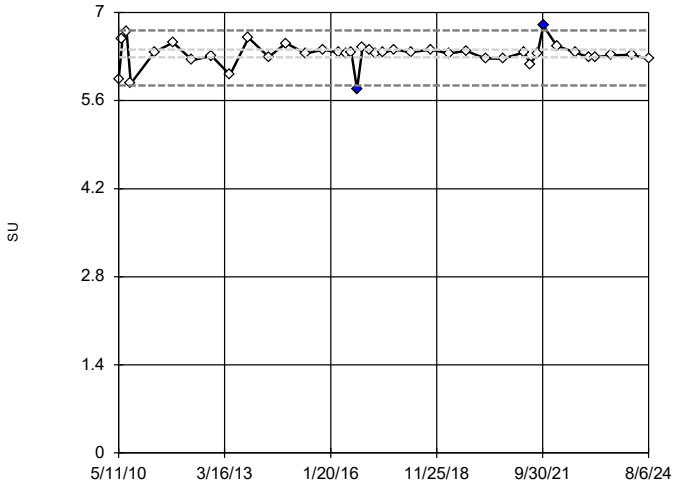
High cutoff = 6.706, low cutoff = 5.789, based on IQR multiplier of 3.

Constituent: pH, Field Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-19



n = 40

Outliers are drawn as solid.
Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

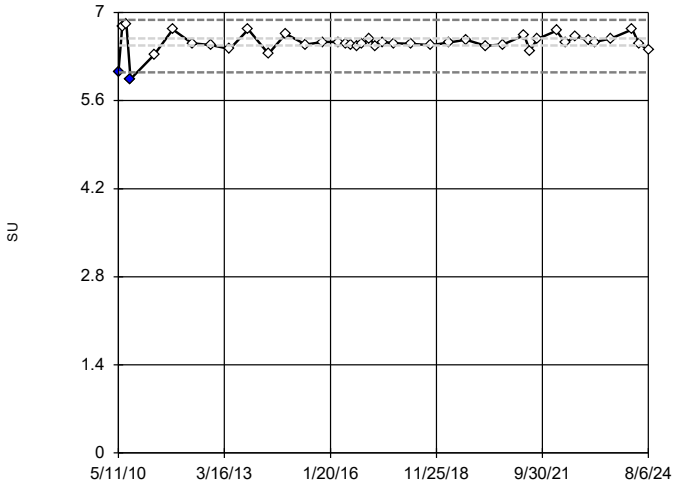
High cutoff = 6.715, low cutoff = 5.839, based on IQR multiplier of 3.

Constituent: pH, Field Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-20



n = 41

Outliers are drawn as solid.
Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

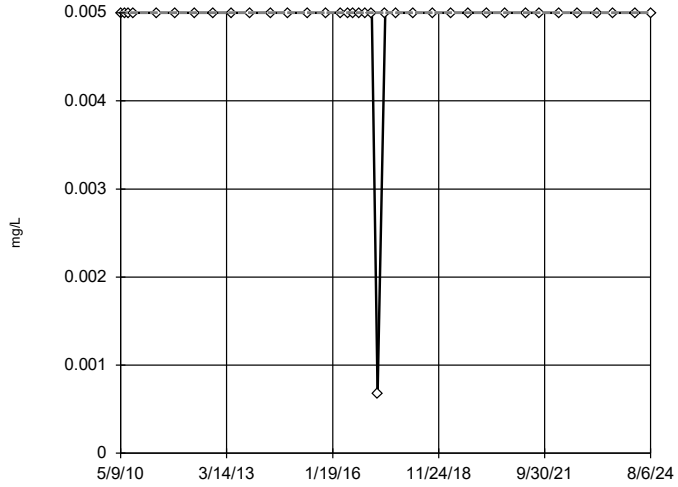
High cutoff = 6.885, low cutoff = 6.051, based on IQR multiplier of 3.

Constituent: pH, Field Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWA-15 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

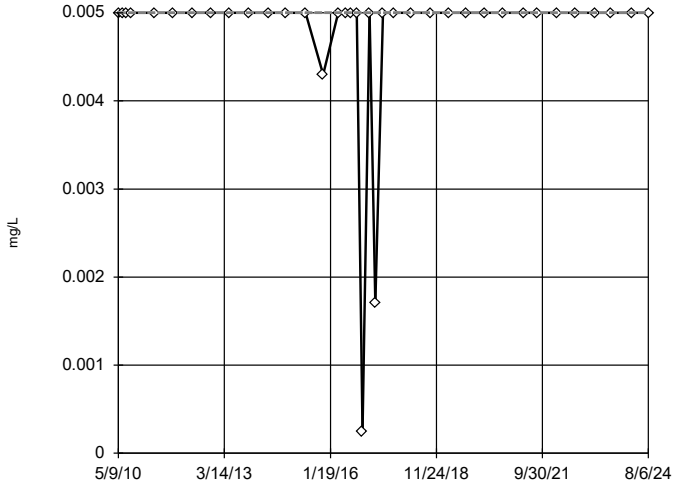
Constituent: Selenium Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWA-16 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

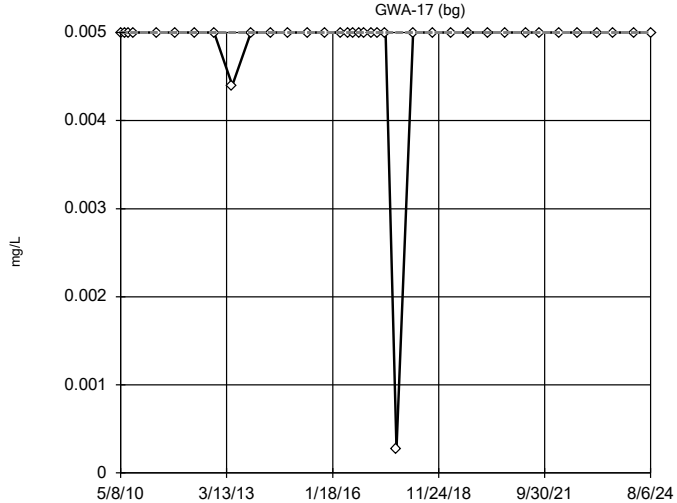
Constituent: Selenium Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWA-17 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

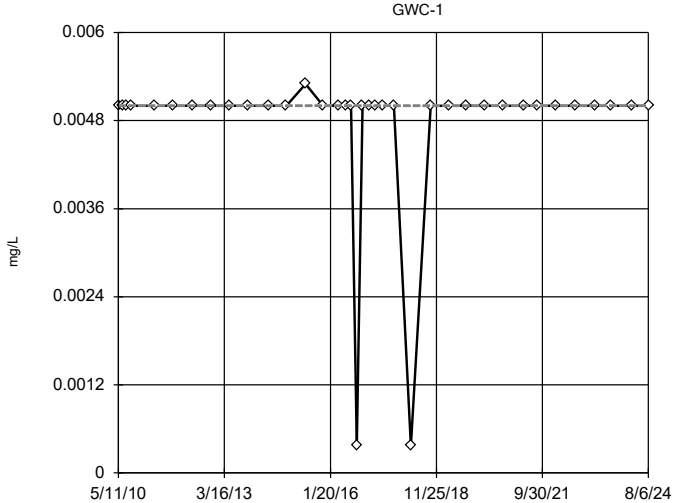
Constituent: Selenium Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-1



n = 37

No outliers found. Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

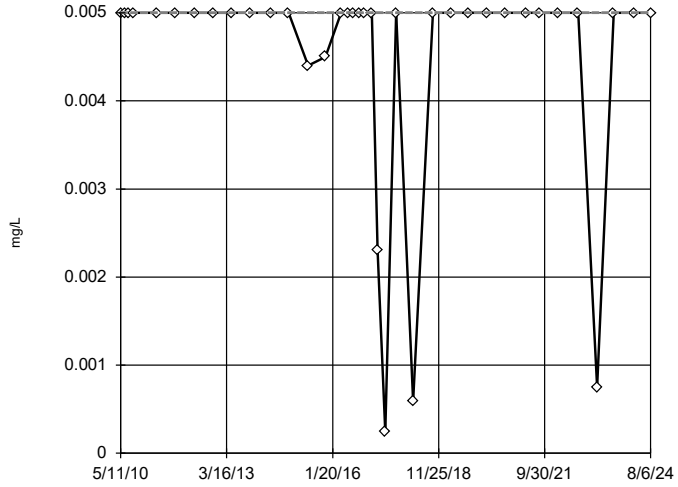
Constituent: Selenium Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-2



n = 37

No outliers found. Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

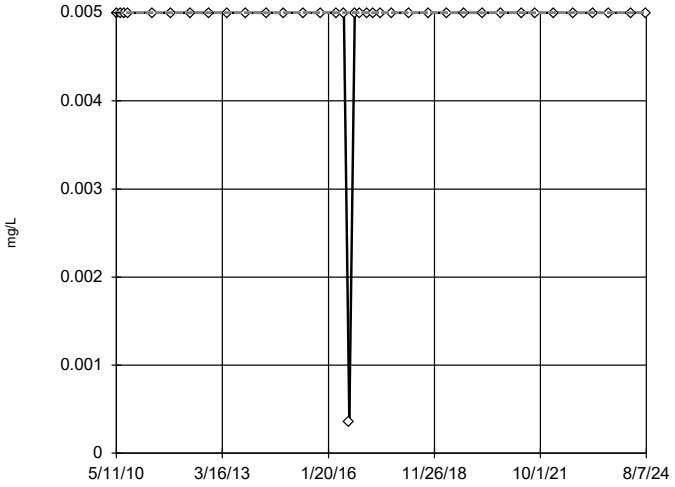
Constituent: Selenium Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-3



n = 37

No outliers found. Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

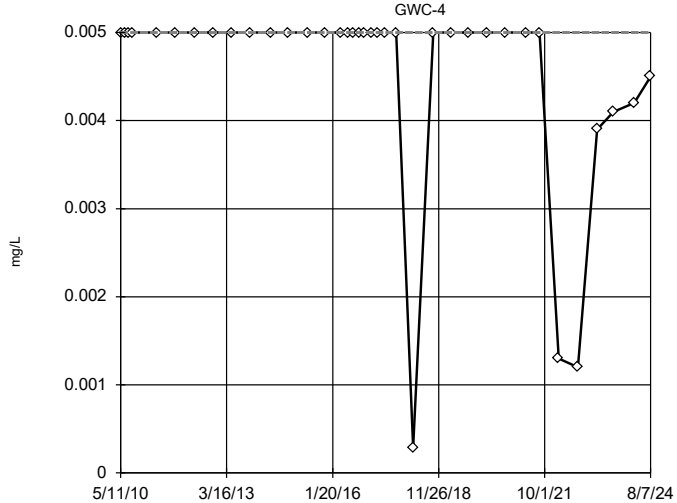
Constituent: Selenium Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-4



n = 37

No outliers found. Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

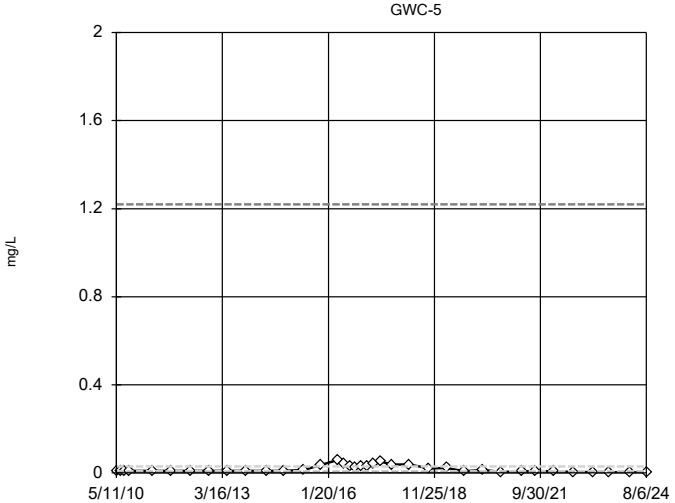
Constituent: Selenium Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-5



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 1.22, low cutoff = 0.0001982, based on IQR multiplier of 3.

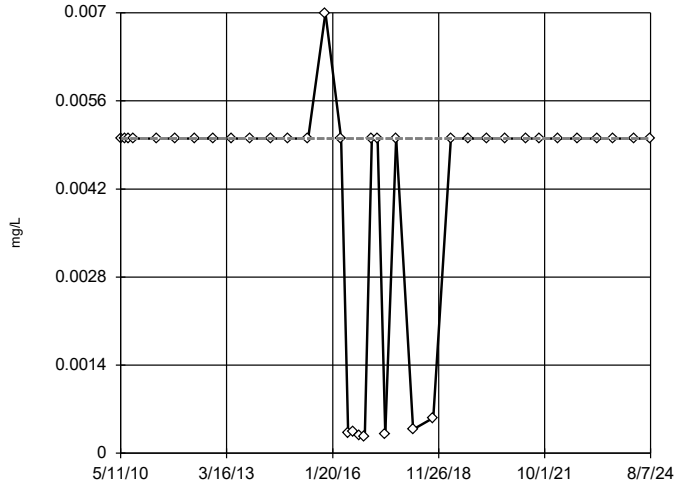
Constituent: Selenium Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis

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Tukey's Outlier Screening

GWC-6



n = 37

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

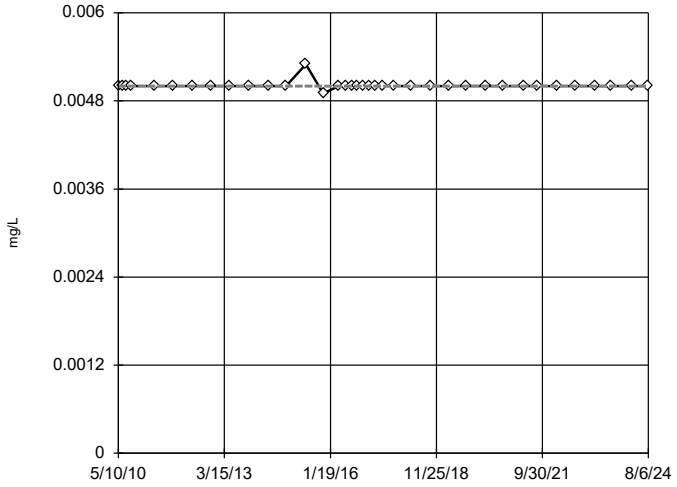
Constituent: Selenium Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-7



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

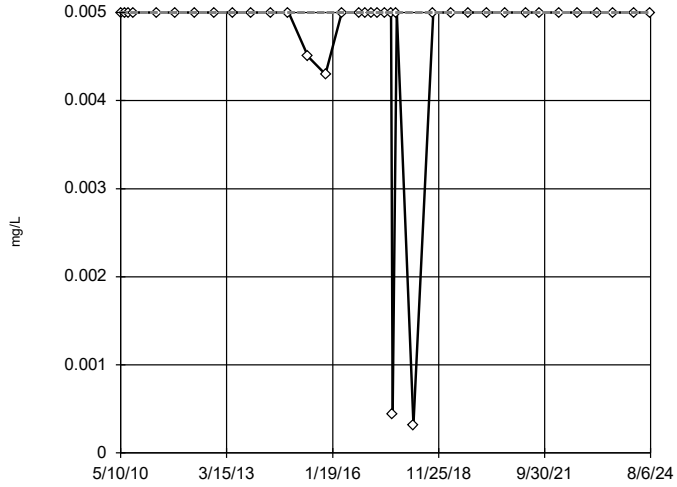
Constituent: Selenium Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-8A



n = 37

No outliers found. Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

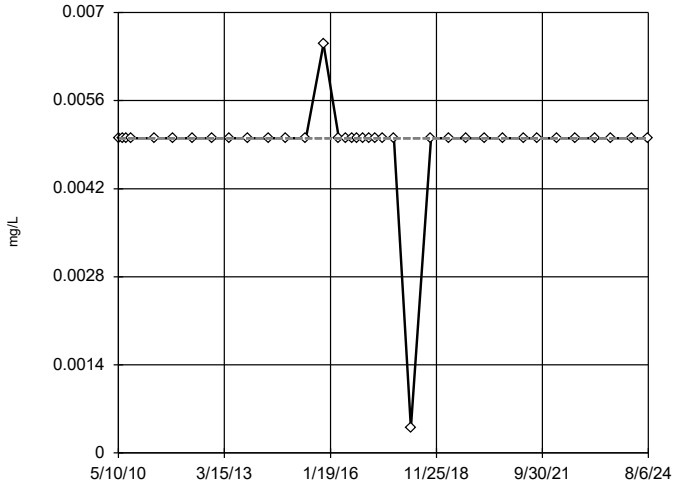
Constituent: Selenium Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-9



n = 37

No outliers found. Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

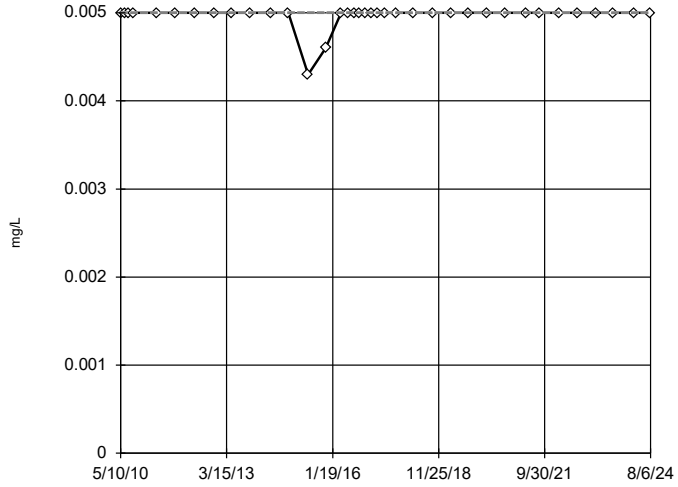
Constituent: Selenium Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-10



n = 37

No outliers found. Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

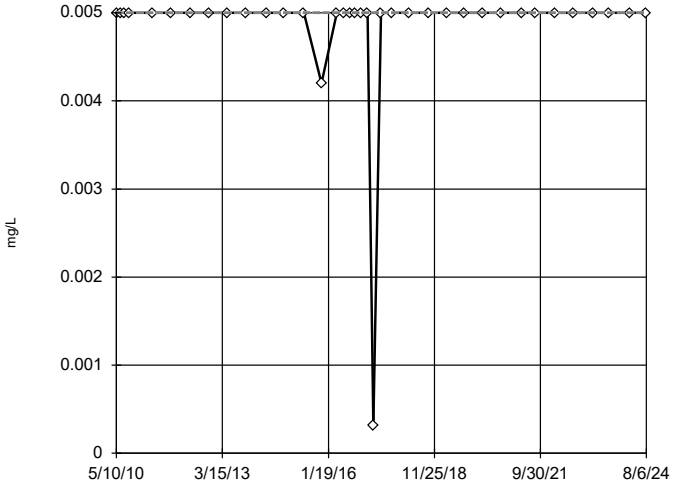
Constituent: Selenium Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-11



n = 37

No outliers found. Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

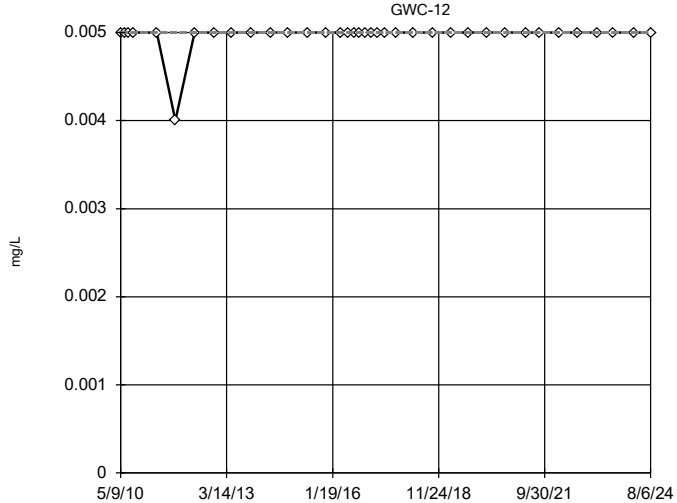
Constituent: Selenium Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-12



n = 37

No outliers found. Tukey's method selected by user.

Data were x^4 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

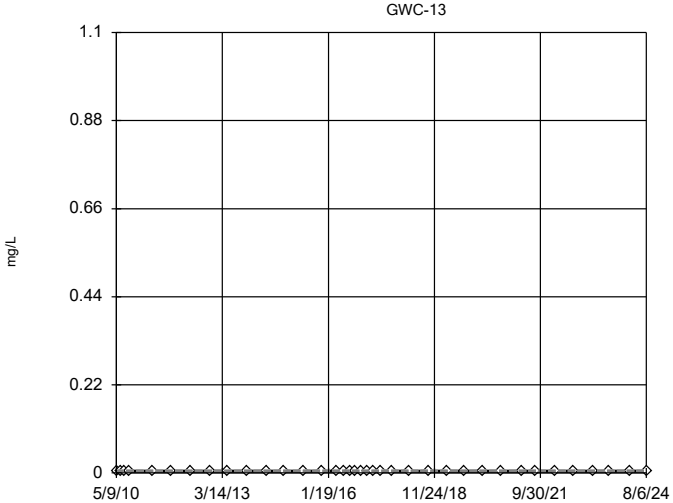
Constituent: Selenium Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis

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Tukey's Outlier Screening

GWC-13



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

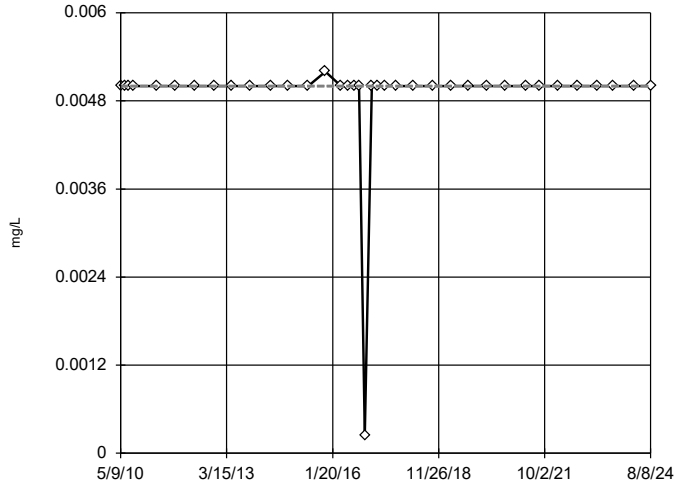
Constituent: Selenium Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis

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Tukey's Outlier Screening

GWC-14



n = 37

No outliers found. Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

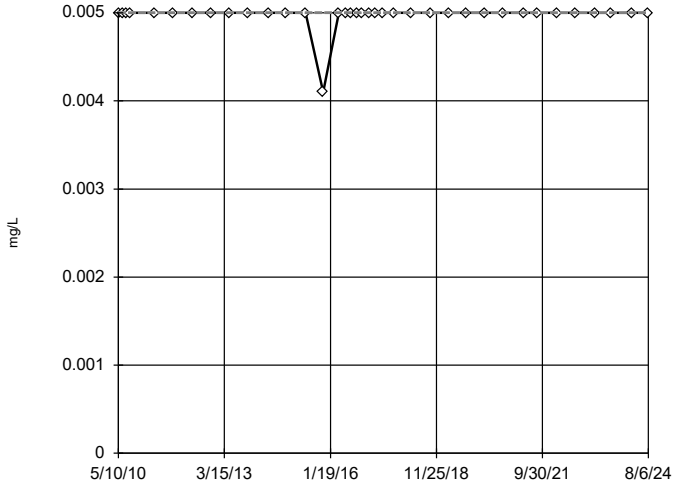
Constituent: Selenium Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis

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Tukey's Outlier Screening

GWC-18



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

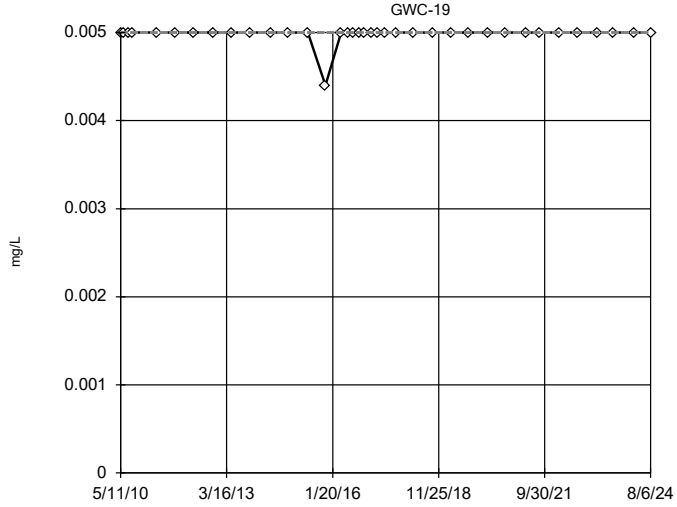
Constituent: Selenium Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-19



n = 37

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

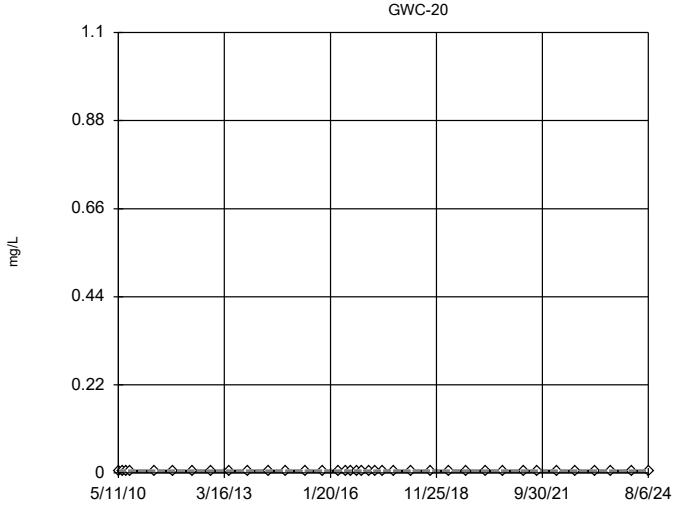
Constituent: Selenium Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis

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Tukey's Outlier Screening

GWC-20



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

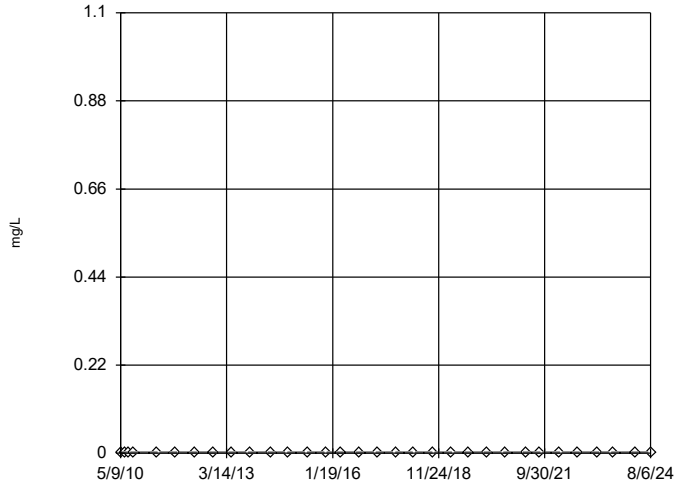
Constituent: Selenium Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis

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Tukey's Outlier Screening

GWA-15 (bg)



n = 32

No outliers found. Tukey's method selected by user.

All values are the same.

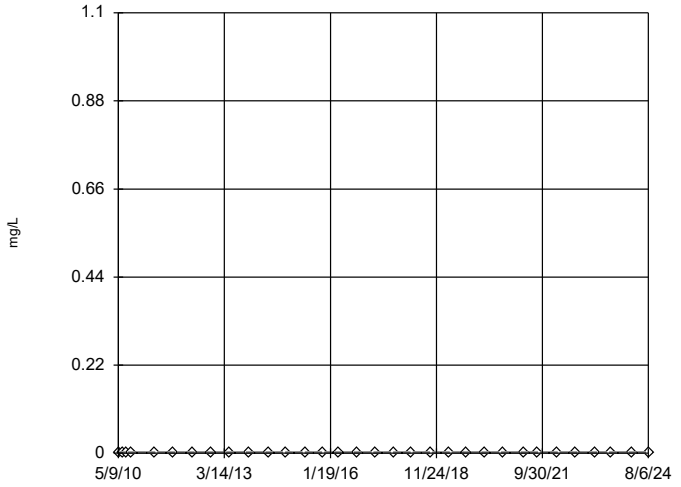
Constituent: Silver Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWA-16 (bg)



n = 32

No outliers found. Tukey's method selected by user.

All values are the same.

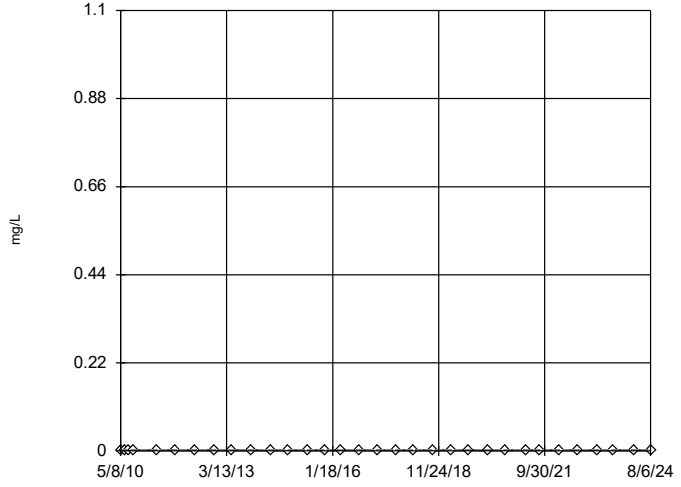
Constituent: Silver Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWA-17 (bg)



n = 32

No outliers found. Tukey's method selected by user.

All values are the same.

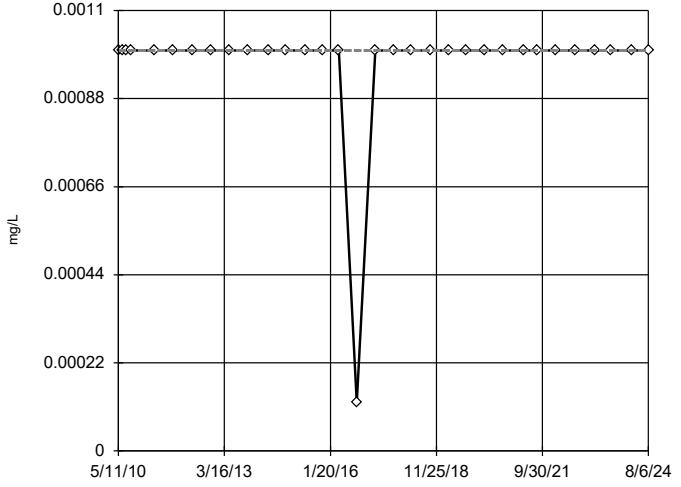
Constituent: Silver Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-1



n = 32

No outliers found. Tukey's method selected by user.

Data were x^5 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

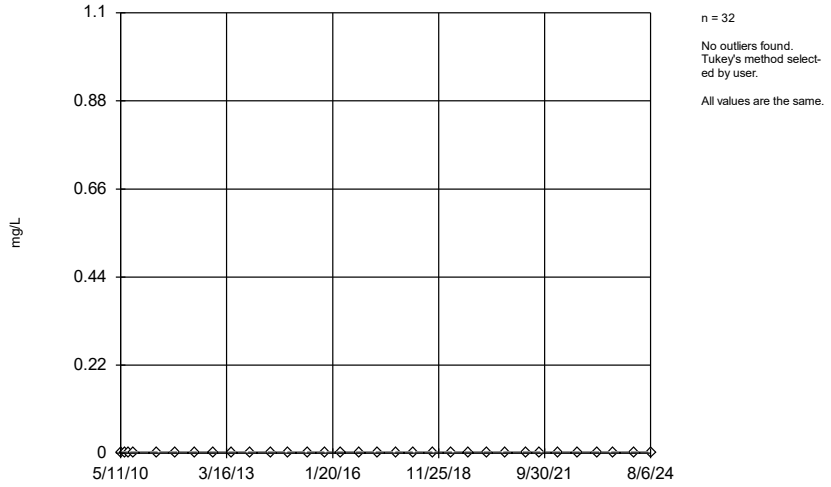
Constituent: Silver Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-2



n = 32

No outliers found. Tukey's method select-ed by user.

All values are the same.

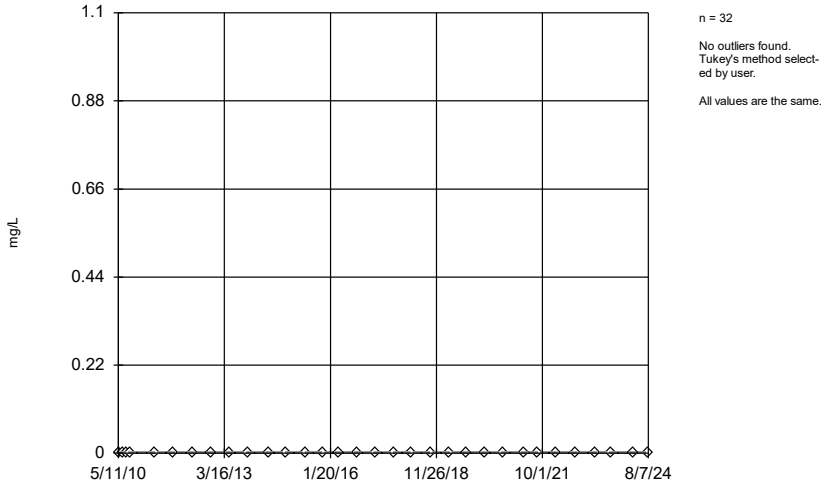
Constituent: Silver Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-3



n = 32

No outliers found. Tukey's method select-ed by user.

All values are the same.

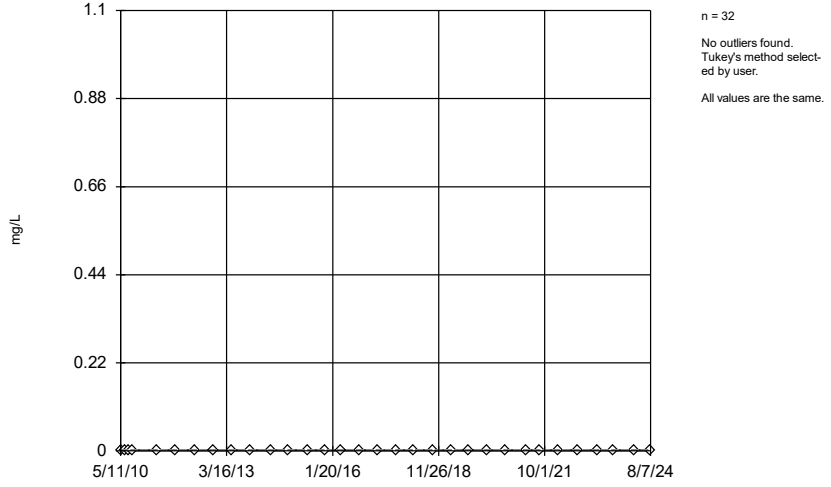
Constituent: Silver Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-4



n = 32

No outliers found. Tukey's method select-ed by user.

All values are the same.

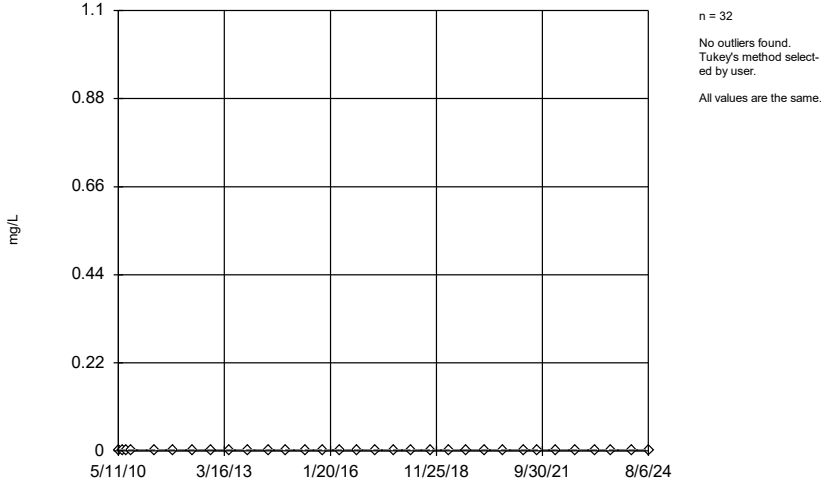
Constituent: Silver Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-5



n = 32

No outliers found. Tukey's method select-ed by user.

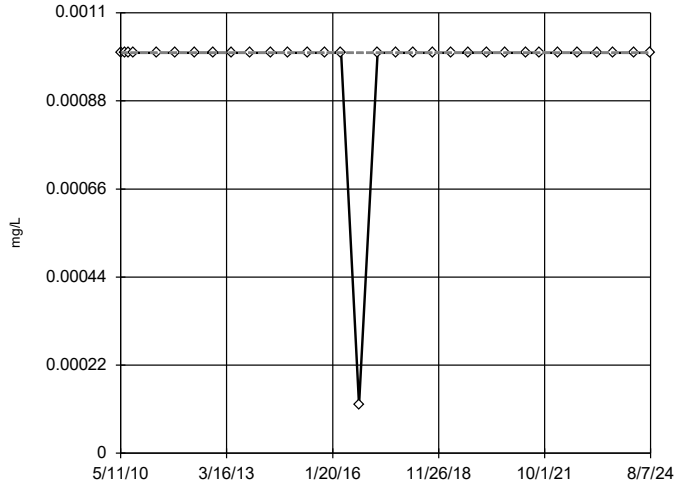
All values are the same.

Constituent: Silver Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

Tukey's Outlier Screening

GWC-6



n = 32

No outliers found. Tukey's method selected by user.

Data were x^5 transformed to achieve best W statistic (graph shown in original units).

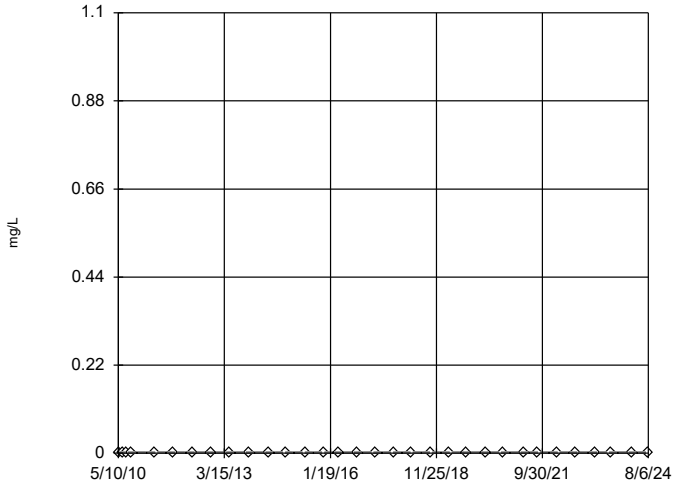
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Silver Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-7



n = 32

No outliers found. Tukey's method selected by user.

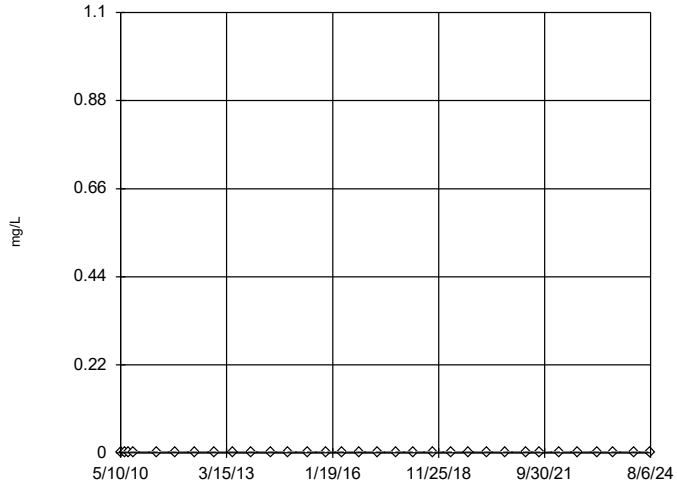
All values are the same.

Constituent: Silver Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-8A



n = 32

No outliers found. Tukey's method selected by user.

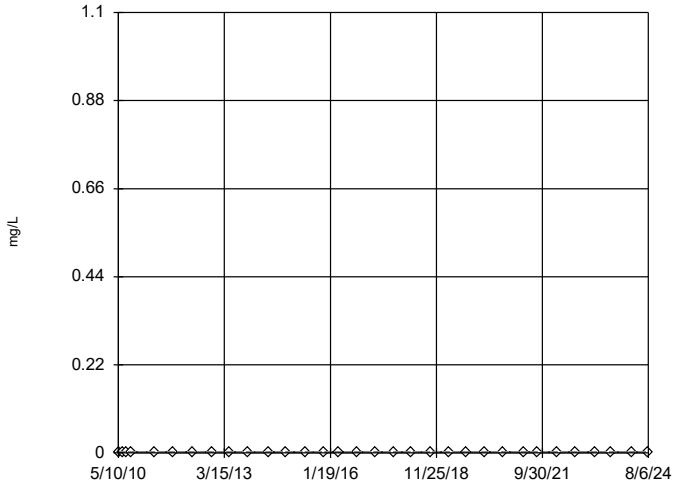
All values are the same.

Constituent: Silver Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Tukey's Outlier Screening

GWC-9



n = 32

No outliers found. Tukey's method selected by user.

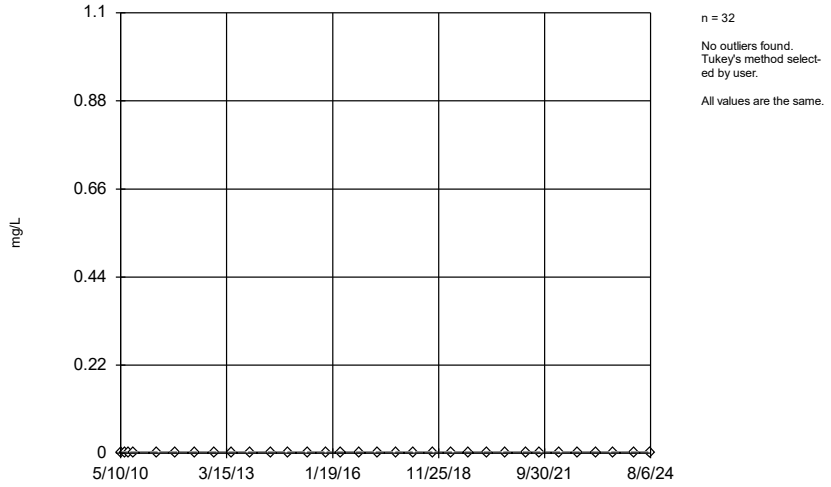
All values are the same.

Constituent: Silver Analysis Run 4/16/2025 10:53 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-10



n = 32

No outliers found. Tukey's method selected by user.

All values are the same.

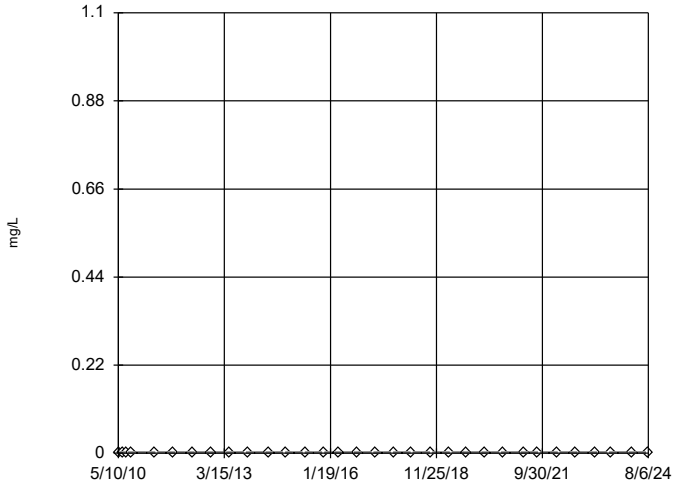
Constituent: Silver Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-11



n = 32

No outliers found. Tukey's method selected by user.

All values are the same.

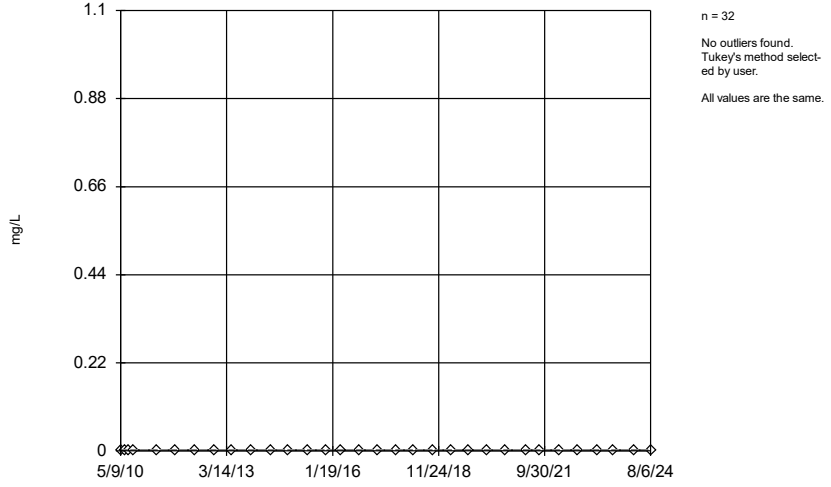
Constituent: Silver Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-12



n = 32

No outliers found. Tukey's method selected by user.

All values are the same.

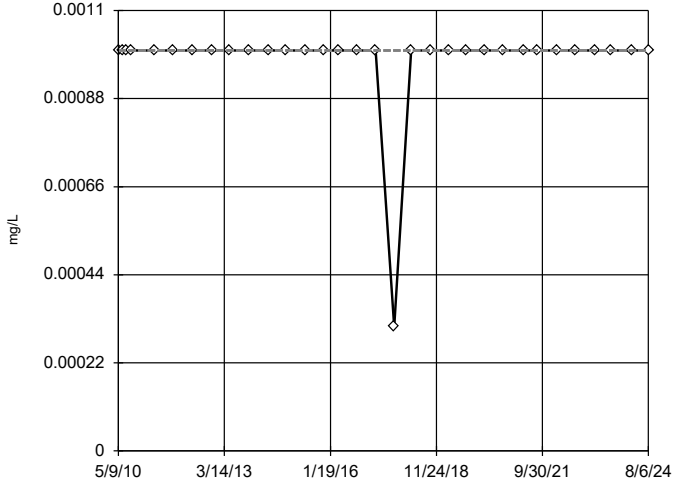
Constituent: Silver Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-13



n = 32

No outliers found. Tukey's method selected by user.

Data were x^5 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

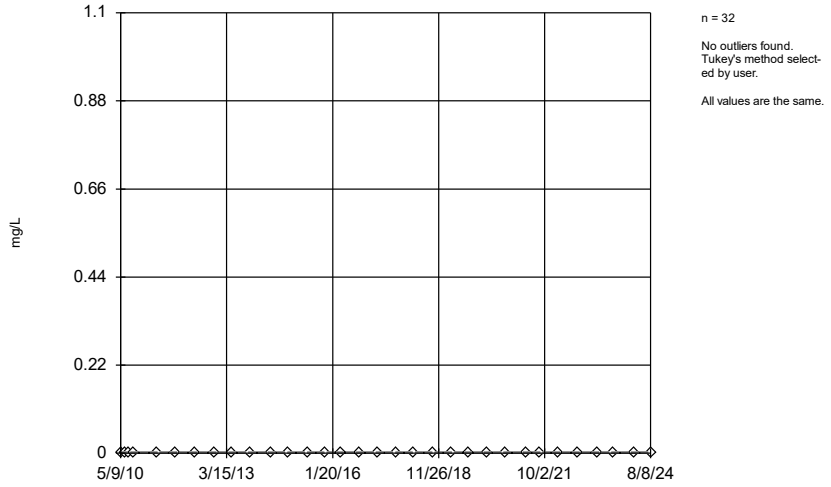
Constituent: Silver Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-14



n = 32

No outliers found. Tukey's method selected by user.

All values are the same.

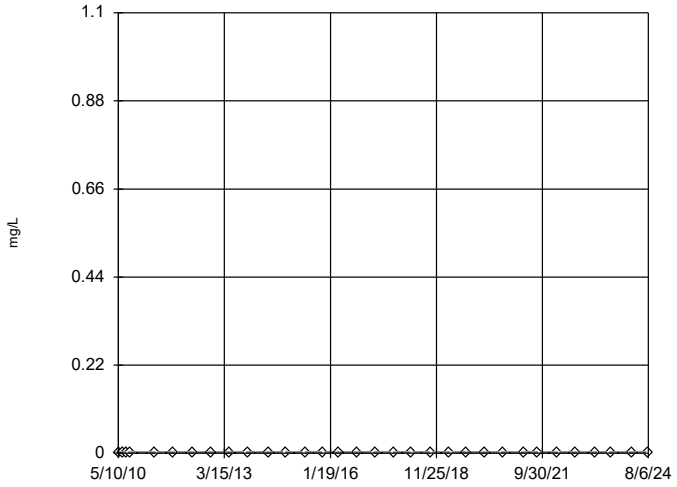
Constituent: Silver Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-18



n = 32

No outliers found. Tukey's method selected by user.

All values are the same.

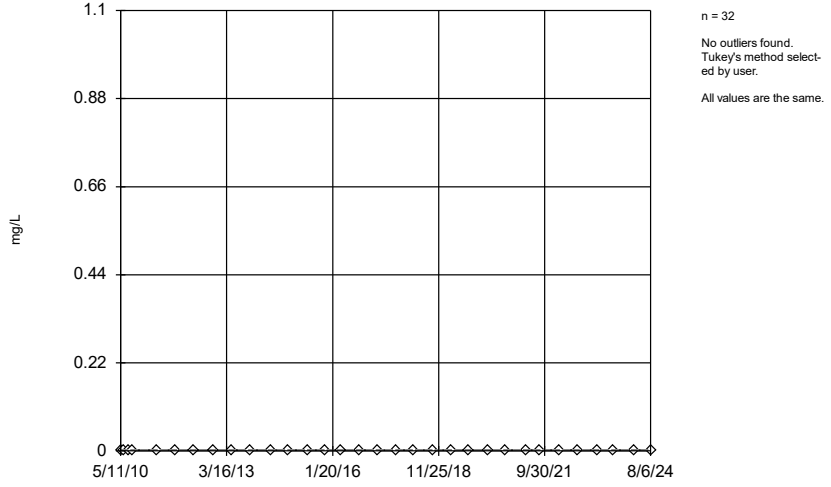
Constituent: Silver Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-19



n = 32

No outliers found. Tukey's method selected by user.

All values are the same.

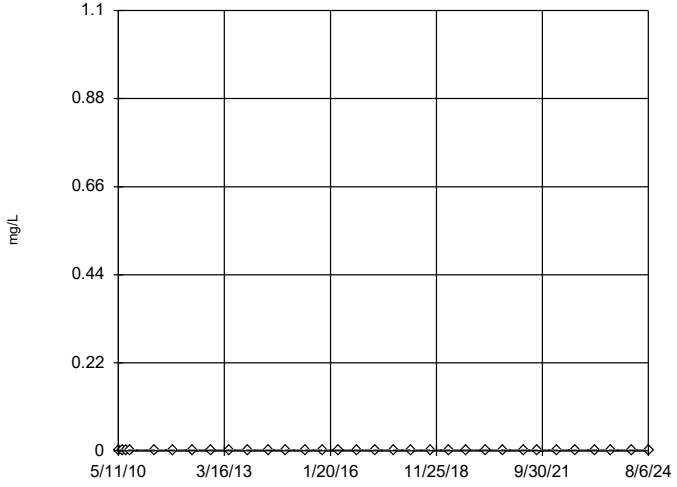
Constituent: Silver Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-20



n = 32

No outliers found. Tukey's method selected by user.

All values are the same.

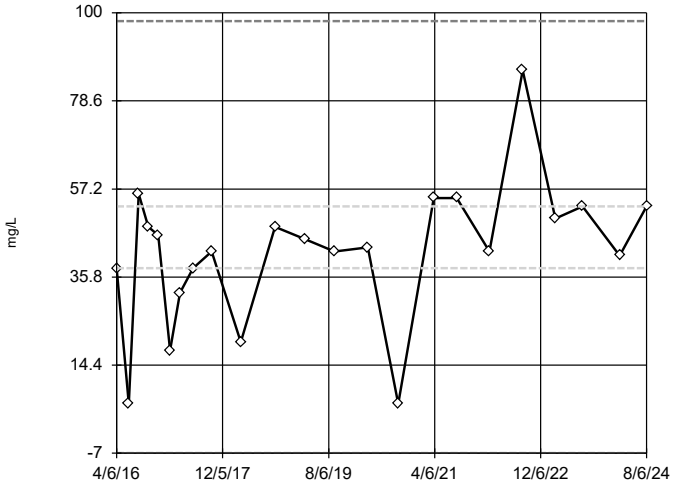
Constituent: Silver Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis

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Tukey's Outlier Screening

GWA-15 (bg)



n = 23

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

High cutoff = 98, low cutoff = -7, based on IQR multiplier of 3.

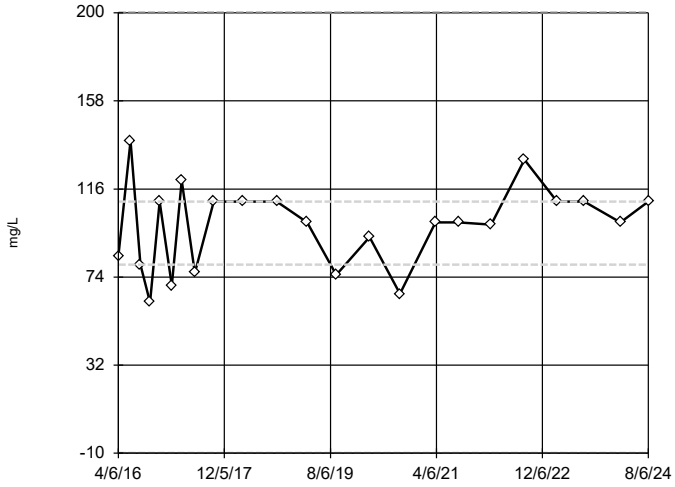
Constituent: TDS Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis

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Tukey's Outlier Screening

GWA-16 (bg)



n = 23

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

High cutoff = 200, low cutoff = -10, based on IQR multiplier of 3.

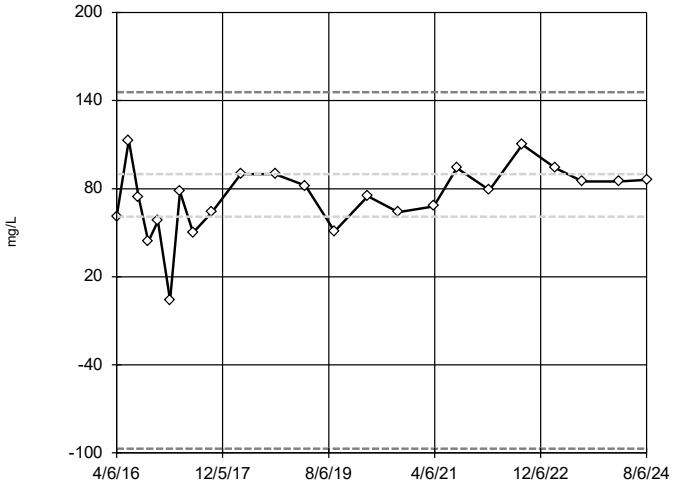
Constituent: TDS Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWA-17 (bg)



n = 23

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

High cutoff = 145.7, low cutoff = -97.04, based on IQR multiplier of 3.

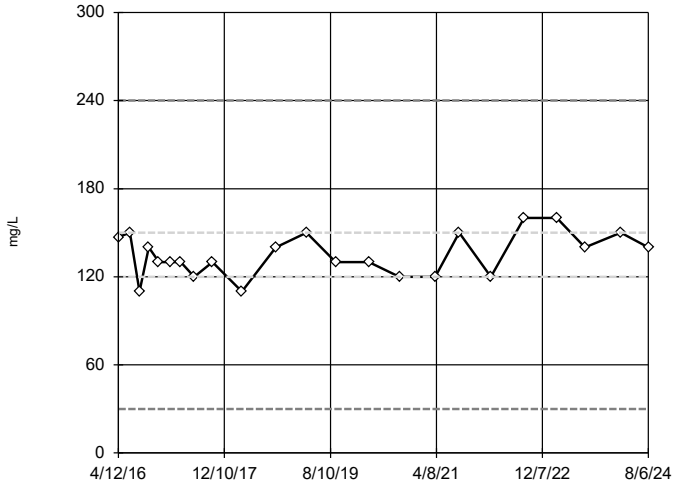
Constituent: TDS Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis

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Tukey's Outlier Screening

GWC-1



n = 23

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

High cutoff = 240, low cutoff = 30, based on IQR multiplier of 3.

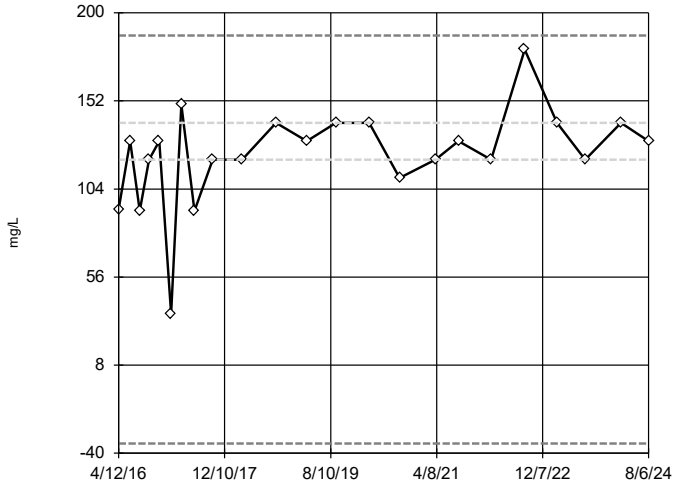
Constituent: TDS Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis

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Tukey's Outlier Screening

GWC-2



n = 23

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

High cutoff = 187.6, low cutoff = -34.64, based on IQR multiplier of 3.

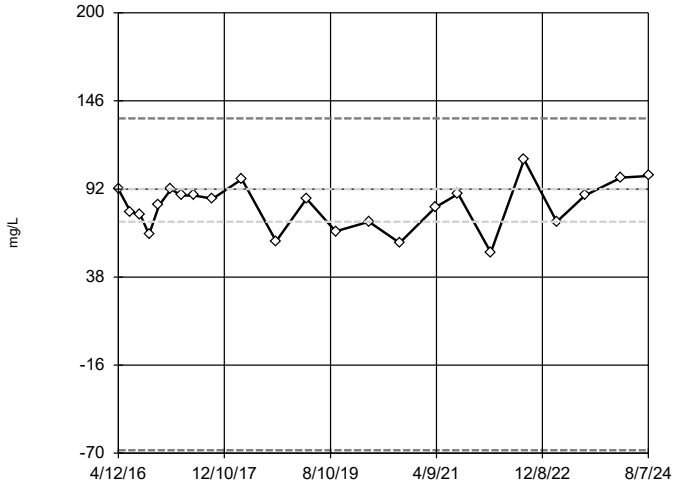
Constituent: TDS Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis

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Tukey's Outlier Screening

GWC-3



n = 23

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

High cutoff = 135.3, low cutoff = -68.23, based on IQR multiplier of 3.

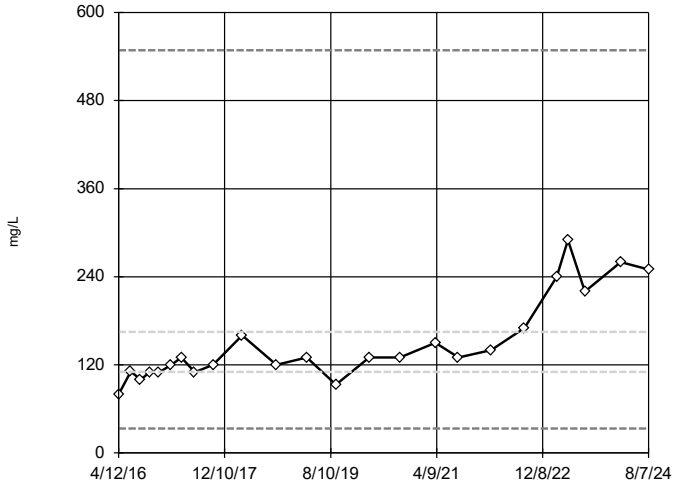
Constituent: TDS Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis

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Tukey's Outlier Screening

GWC-4



n = 24

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 548.4, low cutoff = 33.23, based on IQR multiplier of 3.

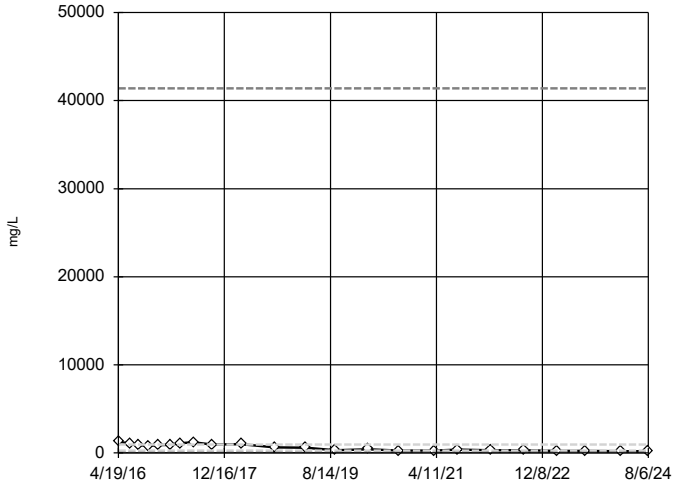
Constituent: TDS Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis

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Tukey's Outlier Screening

GWC-5



n = 23

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 41381, low cutoff = 6.198, based on IQR multiplier of 3.

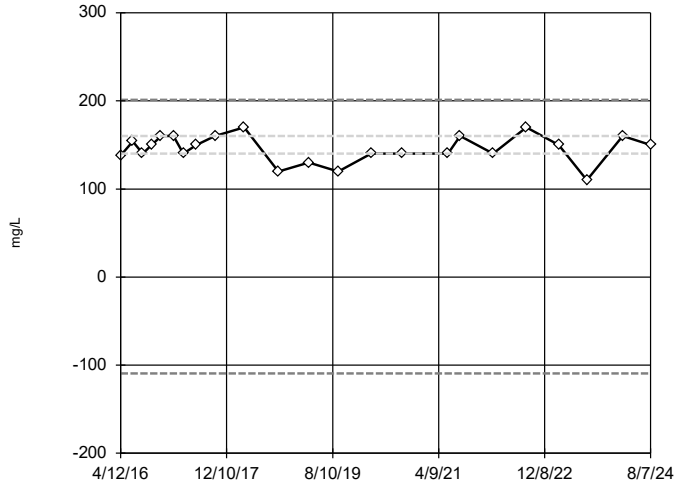
Constituent: TDS Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis

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Tukey's Outlier Screening

GWC-6



n = 23

No outliers found. Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

High cutoff = 201.3, low cutoff = -109.5, based on IQR multiplier of 3.

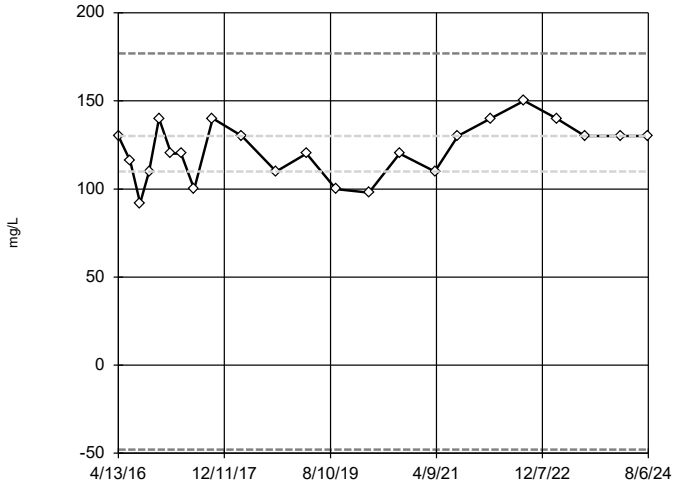
Constituent: TDS Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis

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Tukey's Outlier Screening

GWC-7



n = 23

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

High cutoff = 176.9, low cutoff = -47.96, based on IQR multiplier of 3.

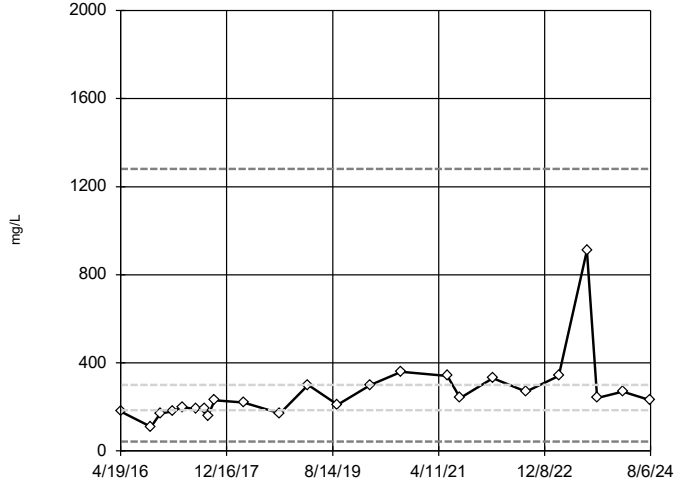
Constituent: TDS Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis

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Tukey's Outlier Screening

GWC-8A



n = 24

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 1281, low cutoff = 43.32, based on IQR multiplier of 3.

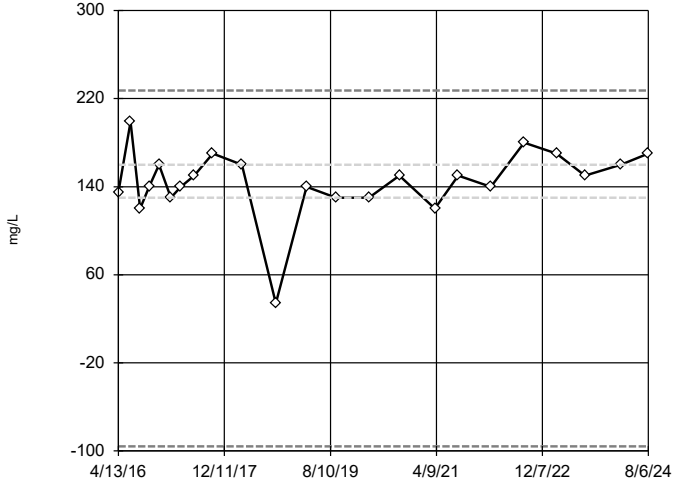
Constituent: TDS Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis

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Tukey's Outlier Screening

GWC-9



n = 23

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

High cutoff = 227.4, low cutoff = -95.92, based on IQR multiplier of 3.

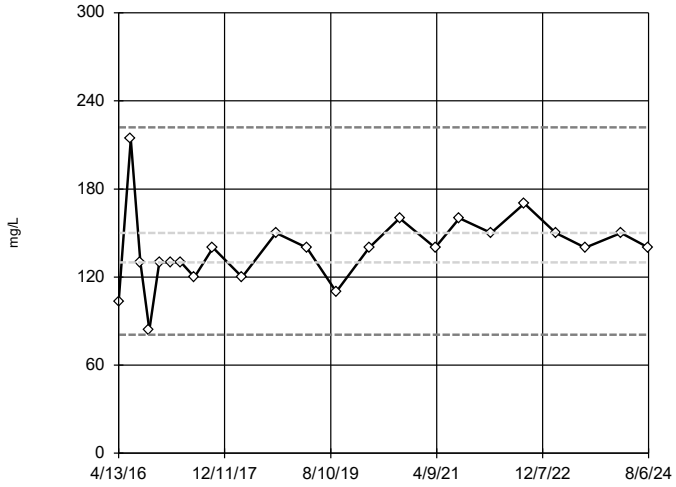
Constituent: TDS Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis

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Tukey's Outlier Screening

GWC-10



n = 23

No outliers found. Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

High cutoff = 222.1, low cutoff = 80.81, based on IQR multiplier of 3.

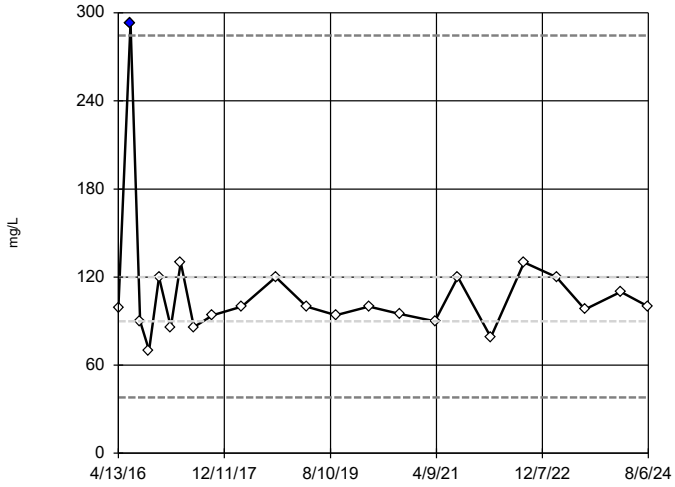
Constituent: TDS Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-11



n = 23

Outlier is drawn as solid. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 284.4, low cutoff = 37.97, based on IQR multiplier of 3.

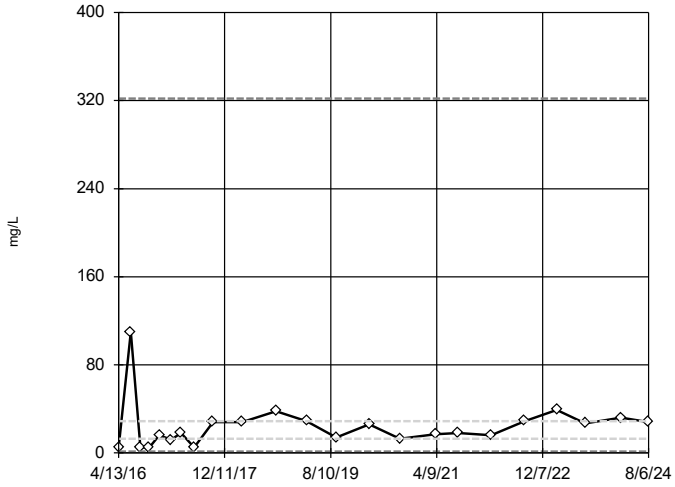
Constituent: TDS Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis

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Tukey's Outlier Screening

GWC-12



n = 23

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 321.9, low cutoff = 1.171, based on IQR multiplier of 3.

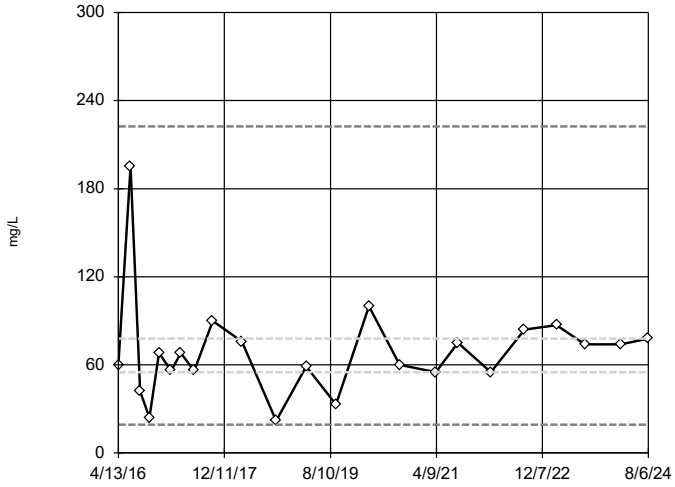
Constituent: TDS Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis

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Tukey's Outlier Screening

GWC-13



n = 23

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

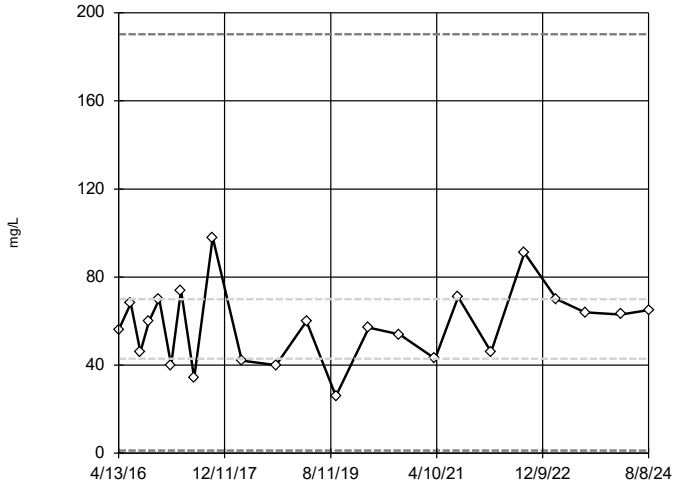
High cutoff = 222.5, low cutoff = 19.28, based on IQR multiplier of 3.

Constituent: TDS Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

Tukey's Outlier Screening

GWC-14



n = 23

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

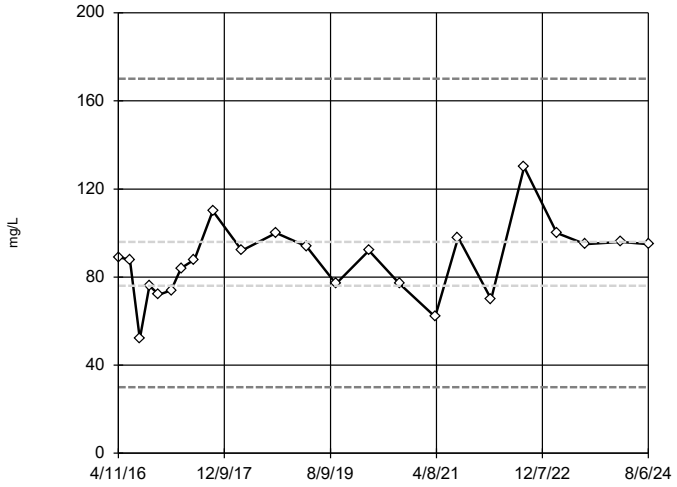
High cutoff = 190.3, low cutoff = 1.277, based on IQR multiplier of 3.

Constituent: TDS Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis
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Tukey's Outlier Screening

GWC-18



n = 23

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

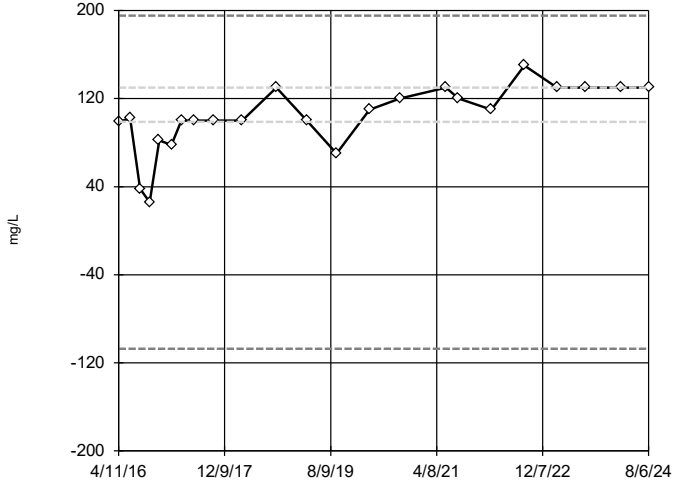
High cutoff = 170, low cutoff = 30, based on IQR multiplier of 3.

Constituent: TDS Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis
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Tukey's Outlier Screening

GWC-19



n = 23

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

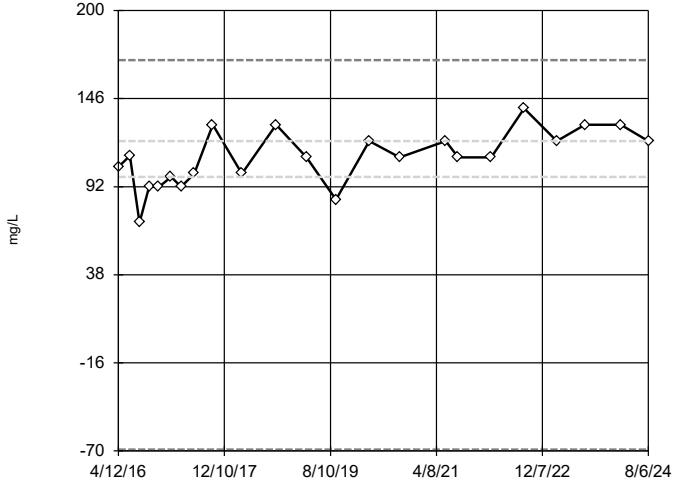
High cutoff = 195.4, low cutoff = -107.2, based on IQR multiplier of 3.

Constituent: TDS Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis
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Tukey's Outlier Screening

GWC-20



n = 23

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

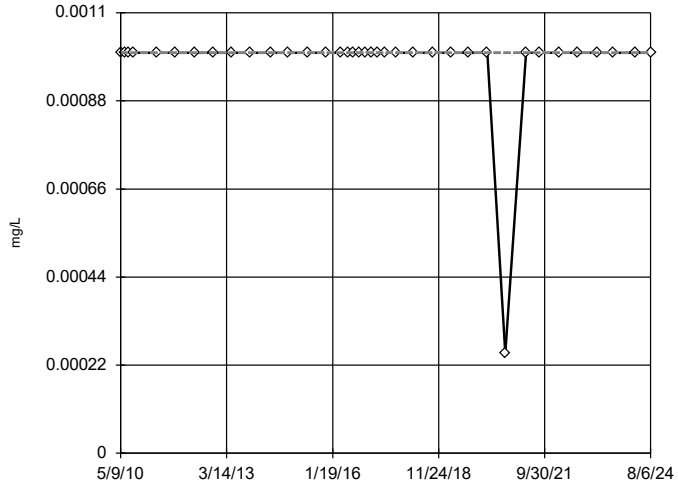
High cutoff = 169.7, low cutoff = -69.17, based on IQR multiplier of 3.

Constituent: TDS Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWA-15 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

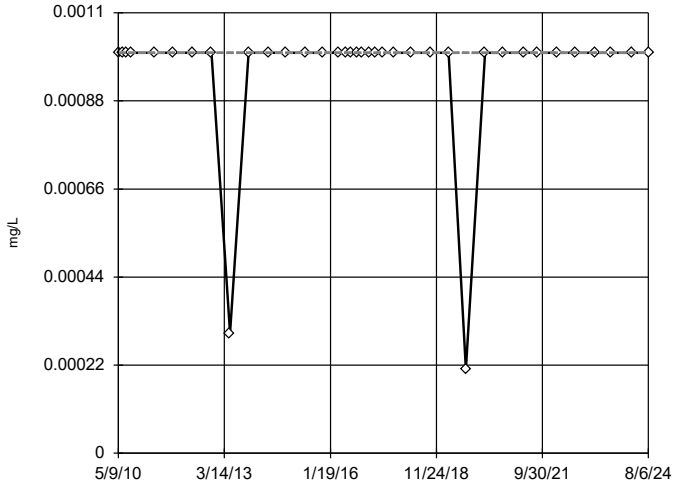
Constituent: Thallium Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis

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Tukey's Outlier Screening

GWA-16 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

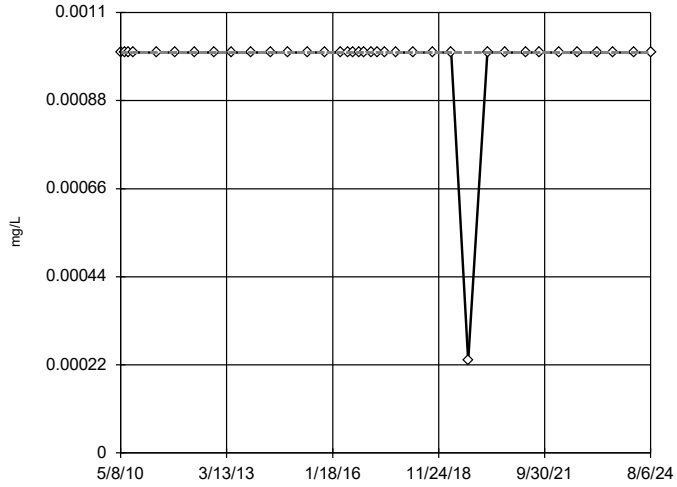
Constituent: Thallium Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis

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Tukey's Outlier Screening

GWA-17 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Data were x^5 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

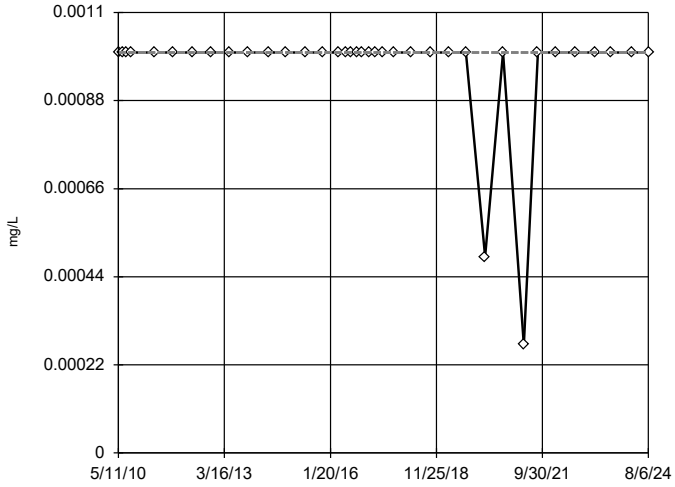
Constituent: Thallium Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis

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Tukey's Outlier Screening

GWC-1



n = 37

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

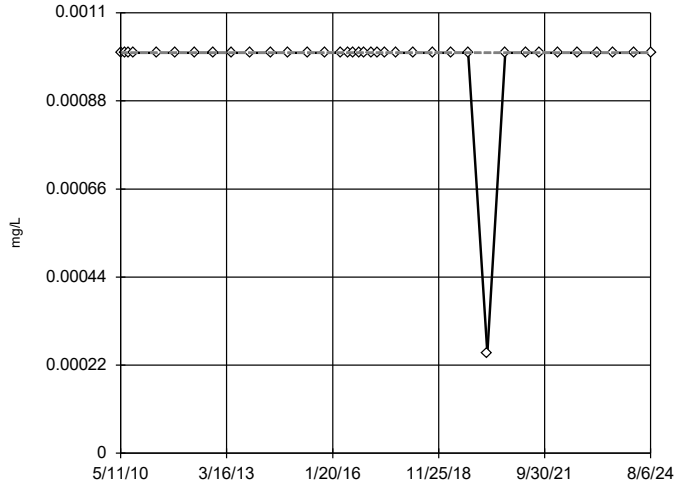
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Thallium Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

Tukey's Outlier Screening

GWC-2



n = 37

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

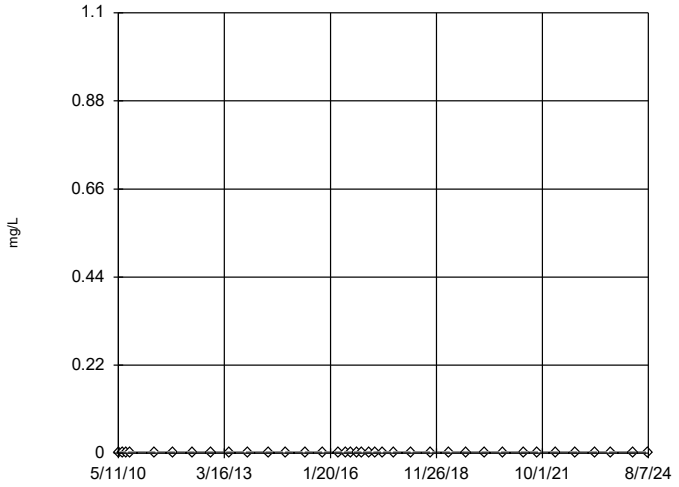
Constituent: Thallium Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-3



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

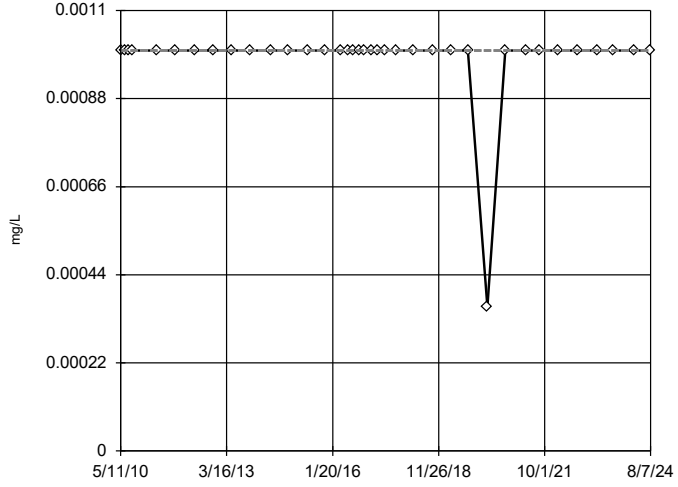
Constituent: Thallium Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-4



n = 37

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

The results were invalidated, because the lower and upper quartiles are equal.

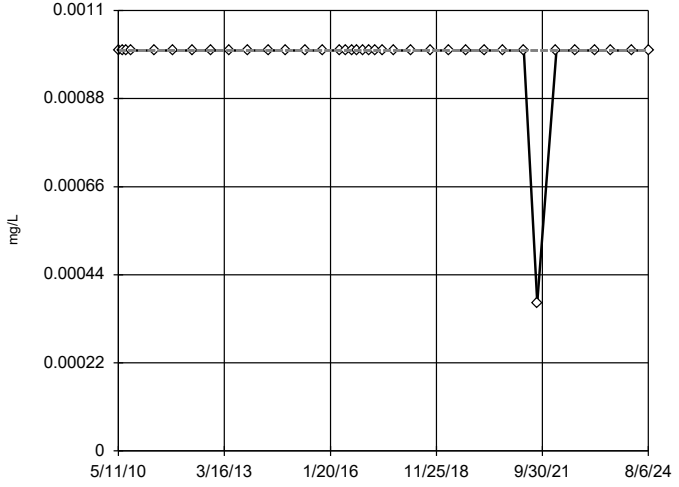
Constituent: Thallium Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis

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Tukey's Outlier Screening

GWC-5



n = 37

No outliers found. Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

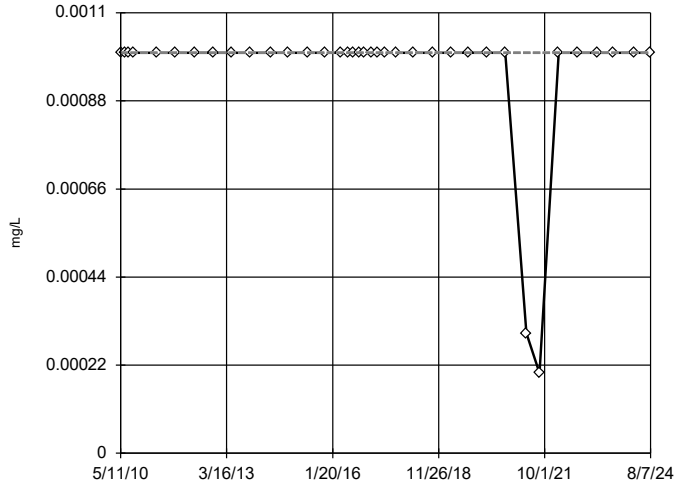
Constituent: Thallium Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-6



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

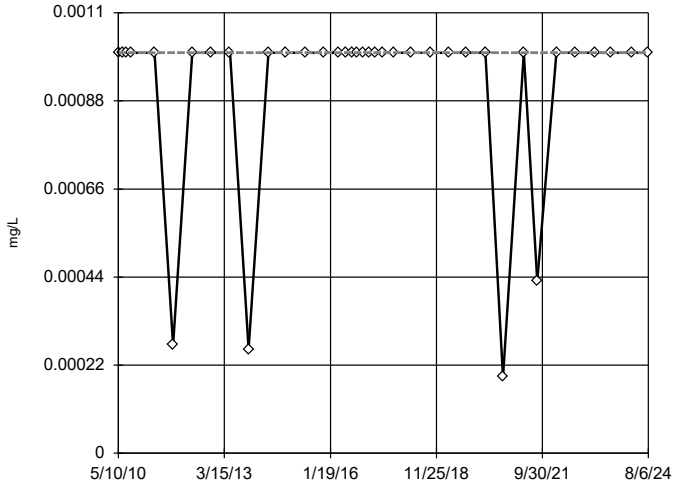
Constituent: Thallium Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-7



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

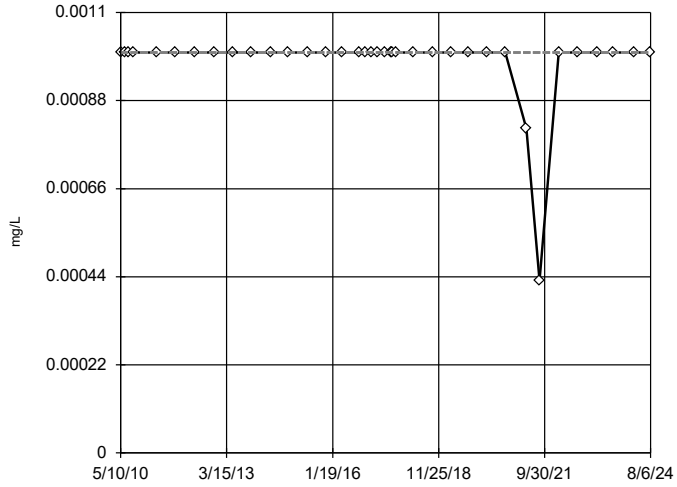
Constituent: Thallium Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-8A



n = 37

No outliers found. Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

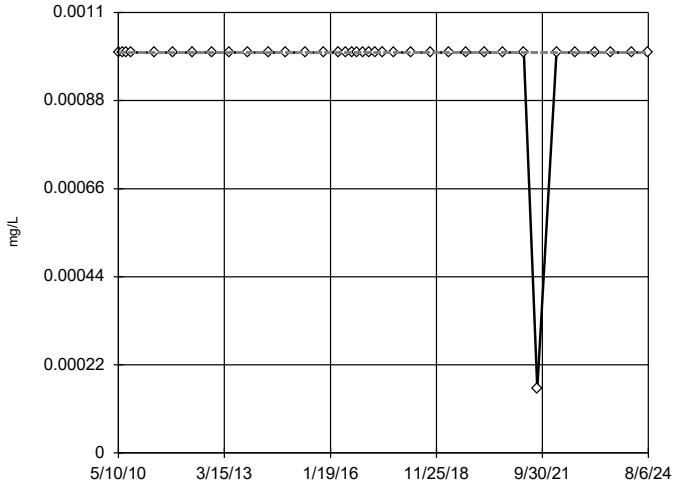
Constituent: Thallium Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-9



n = 37

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

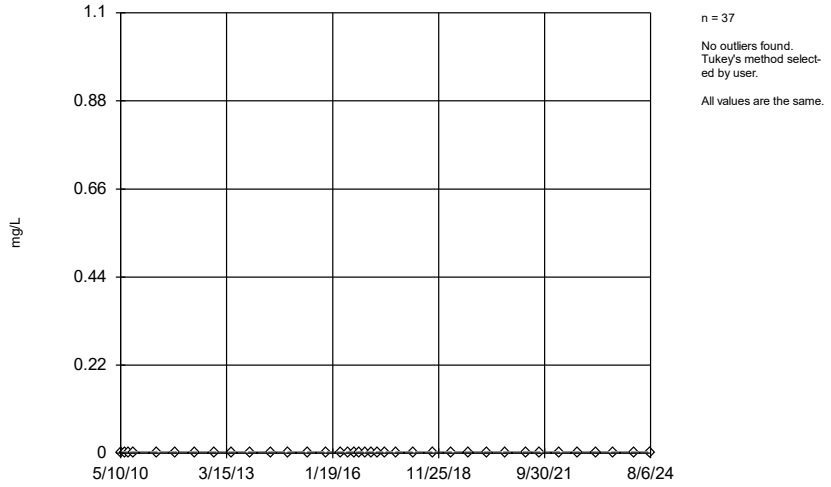
Constituent: Thallium Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis

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Tukey's Outlier Screening

GWC-10



n = 37

No outliers found. Tukey's method select-ed by user.

All values are the same.

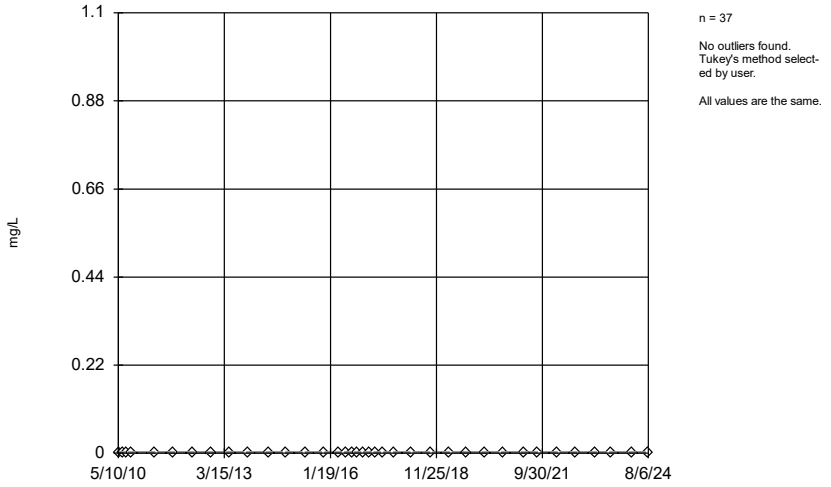
Constituent: Thallium Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-11



n = 37

No outliers found. Tukey's method select-ed by user.

All values are the same.

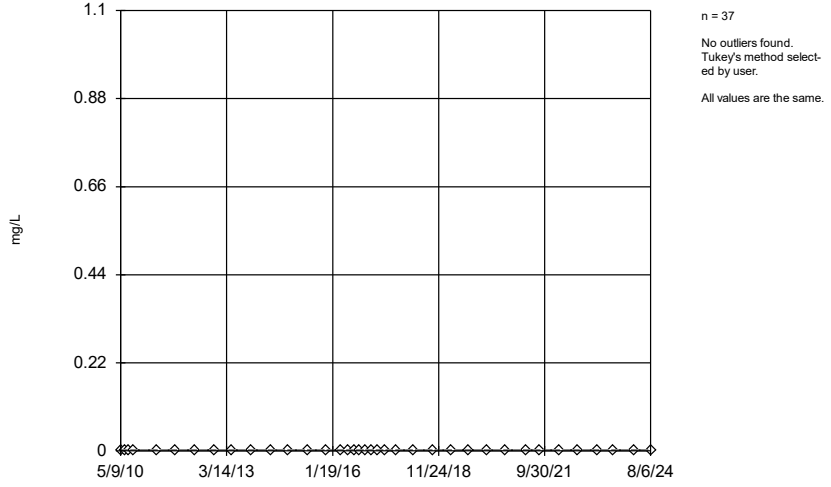
Constituent: Thallium Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-12



n = 37

No outliers found. Tukey's method select-ed by user.

All values are the same.

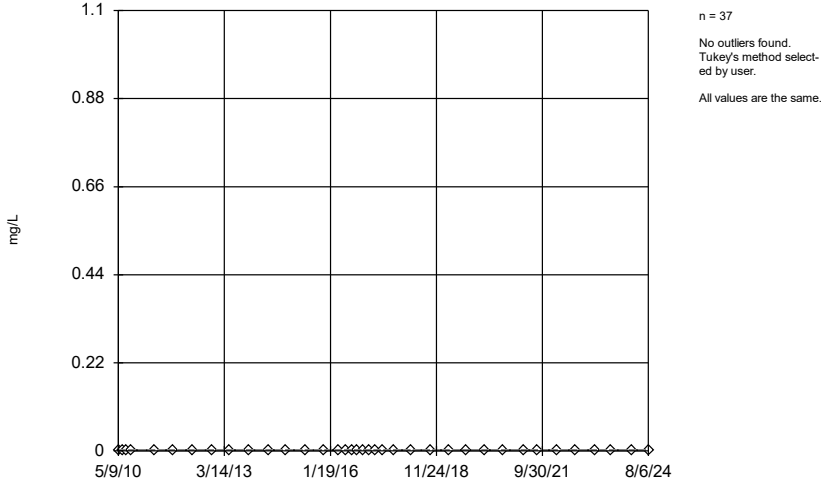
Constituent: Thallium Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-13



n = 37

No outliers found. Tukey's method select-ed by user.

All values are the same.

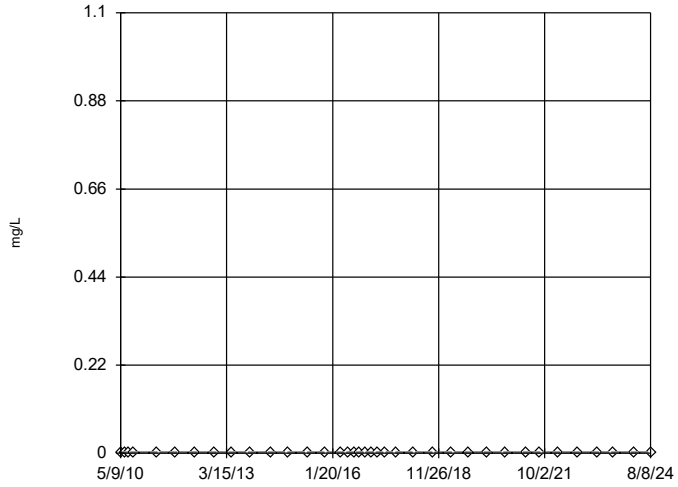
Constituent: Thallium Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-14



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

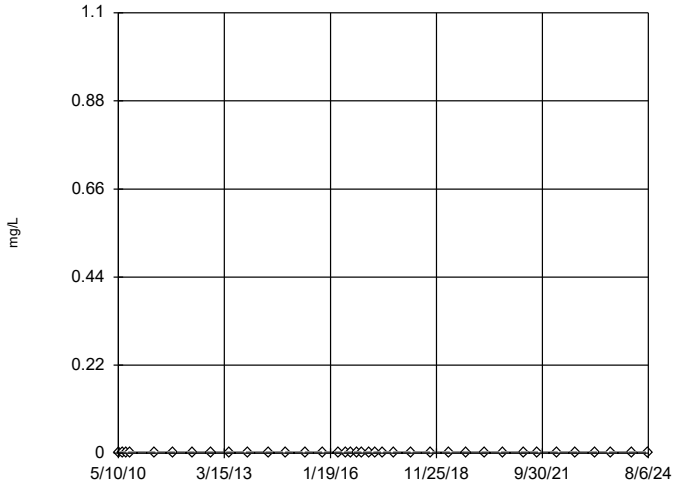
Constituent: Thallium Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-18



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

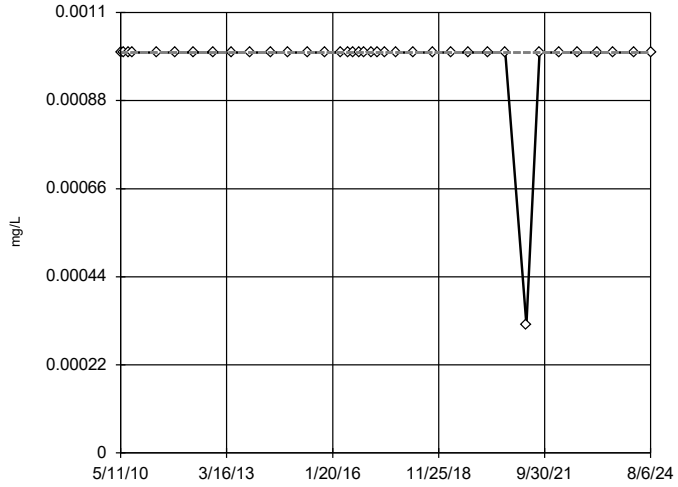
Constituent: Thallium Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-19



n = 37

No outliers found. Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

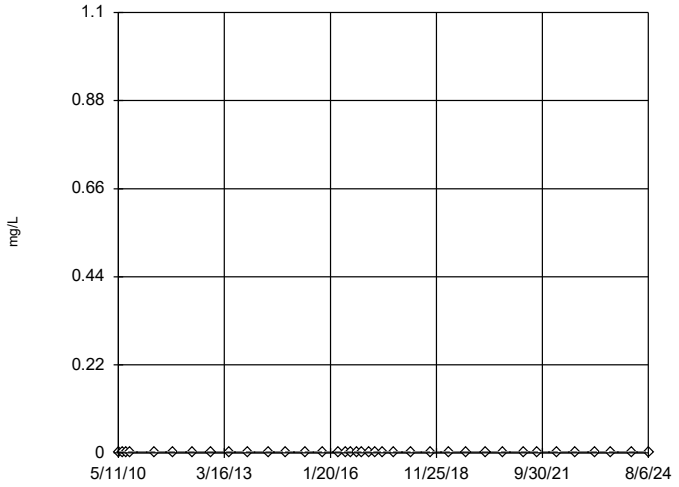
Constituent: Thallium Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-20



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

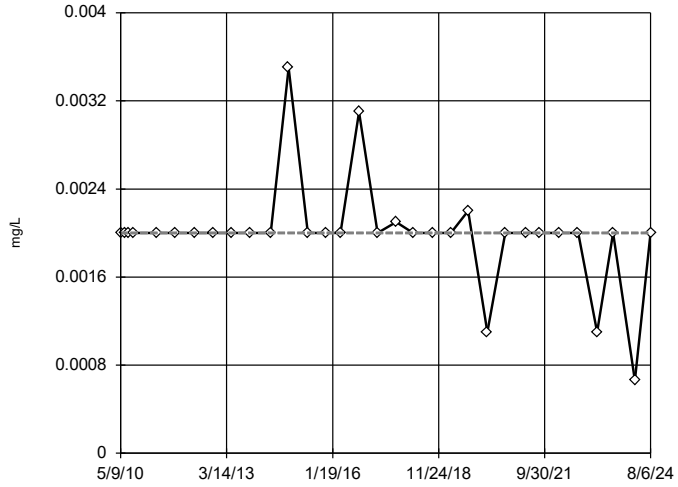
Constituent: Thallium Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWA-15 (bg)



n = 32

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

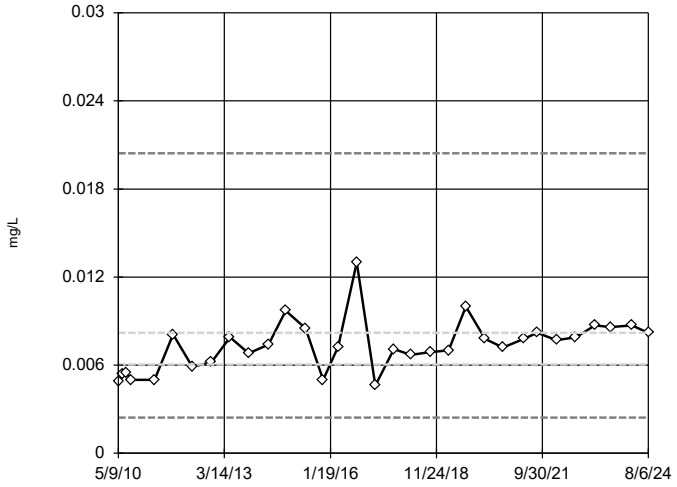
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Vanadium Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWA-16 (bg)



n = 32

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

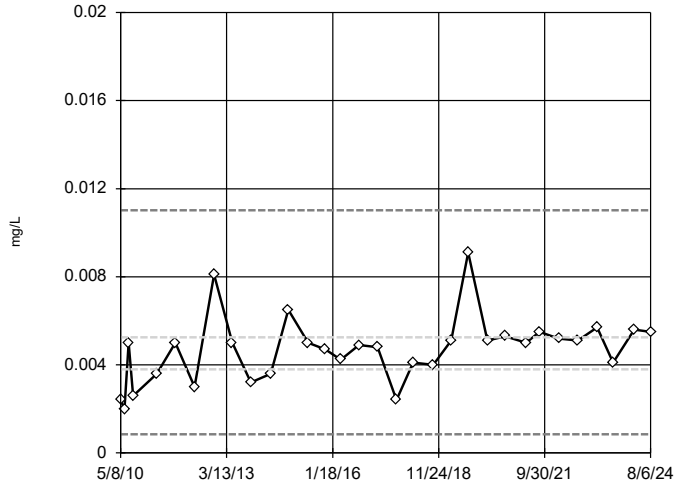
High cutoff = 0.02044, low cutoff = 0.002427, based on IQR multiplier of 3.

Constituent: Vanadium Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWA-17 (bg)



n = 32

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

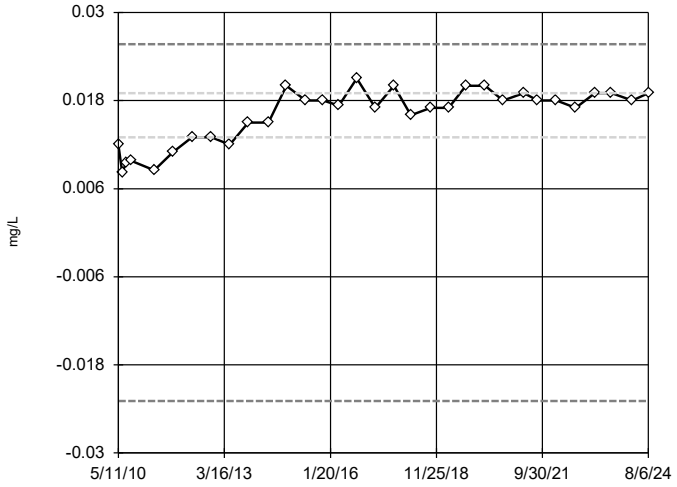
High cutoff = 0.01102, low cutoff = 0.0008481, based on IQR multiplier of 3.

Constituent: Vanadium Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis
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Tukey's Outlier Screening

GWC-1



n = 32

No outliers found. Tukey's method selected by user.

Data were x^4 transformed to achieve best W statistic (graph shown in original units).

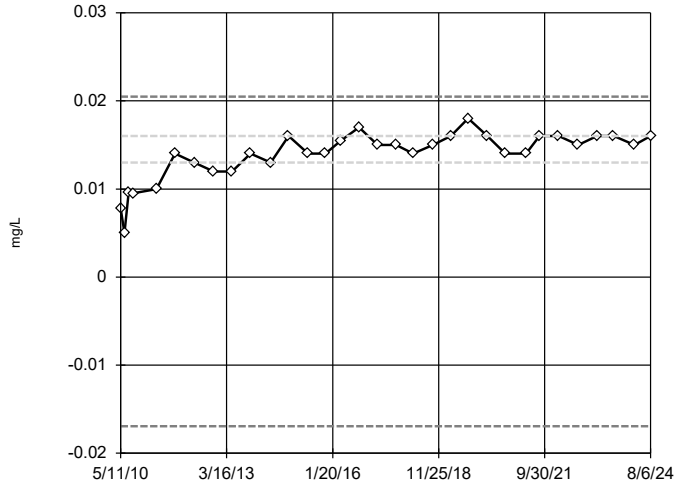
High cutoff = 0.02569, low cutoff = -0.02294, based on IQR multiplier of 3.

Constituent: Vanadium Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis
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Tukey's Outlier Screening

GWC-2



n = 32

No outliers found. Tukey's method selected by user.

Data were x^4 transformed to achieve best W statistic (graph shown in original units).

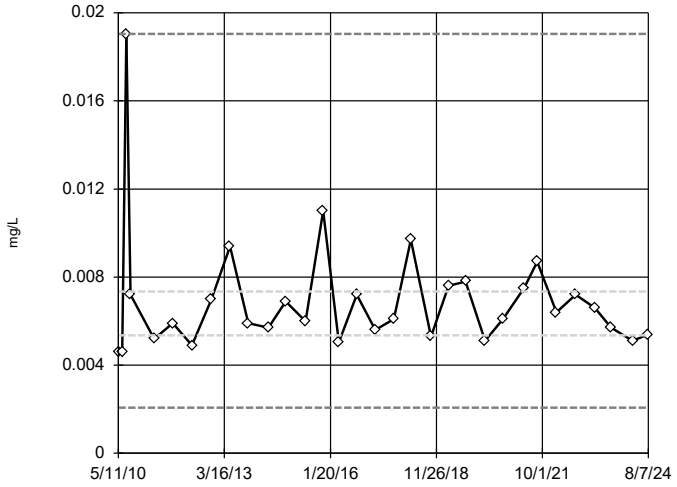
High cutoff = 0.0205, low cutoff = -0.01694, based on IQR multiplier of 3.

Constituent: Vanadium Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis
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Tukey's Outlier Screening

GWC-3



n = 32

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

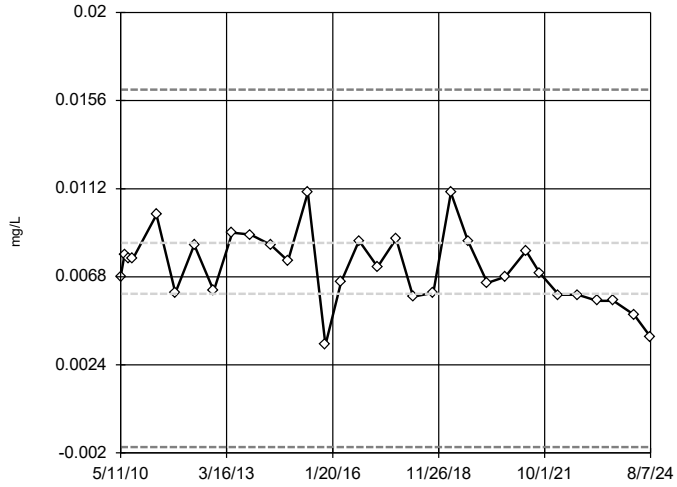
High cutoff = 0.01905, low cutoff = 0.002064, based on IQR multiplier of 3.

Constituent: Vanadium Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis
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Tukey's Outlier Screening

GWC-4



n = 32

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

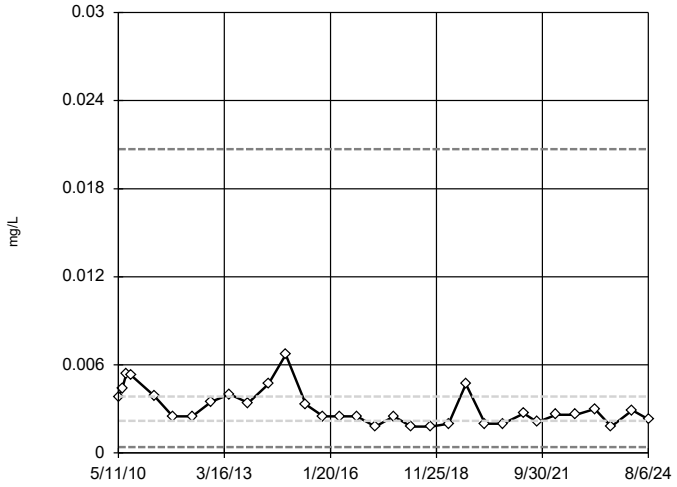
High cutoff = 0.01615, low cutoff = -0.0017, based on IQR multiplier of 3.

Constituent: Vanadium Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis
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Tukey's Outlier Screening

GWC-5



n = 32

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

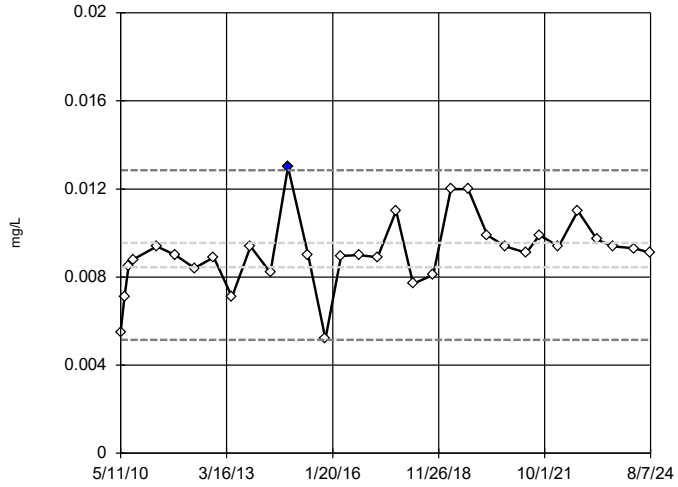
High cutoff = 0.02069, low cutoff = 0.0004089, based on IQR multiplier of 3.

Constituent: Vanadium Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-6



n = 32

Outlier is drawn as solid. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

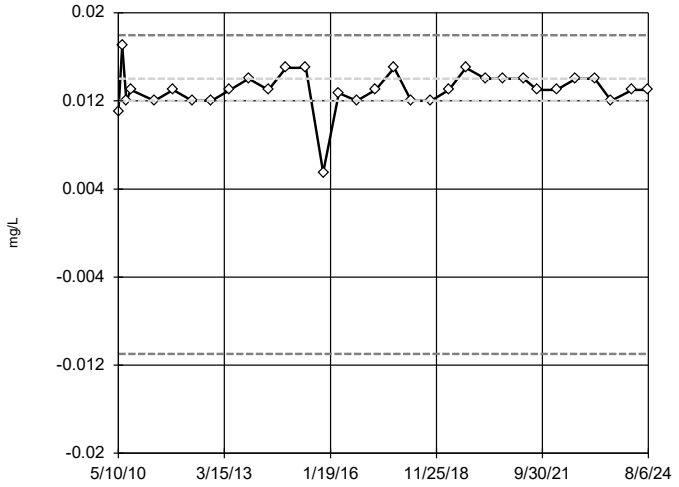
High cutoff = 0.01285, low cutoff = 0.00515, based on IQR multiplier of 3.

Constituent: Vanadium Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-7



n = 32

No outliers found. Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

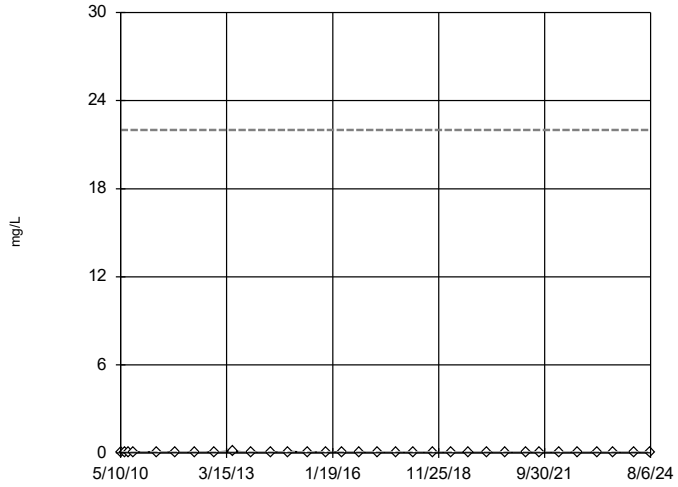
High cutoff = 0.01796, low cutoff = -0.01097, based on IQR multiplier of 3.

Constituent: Vanadium Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-8A



n = 32

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

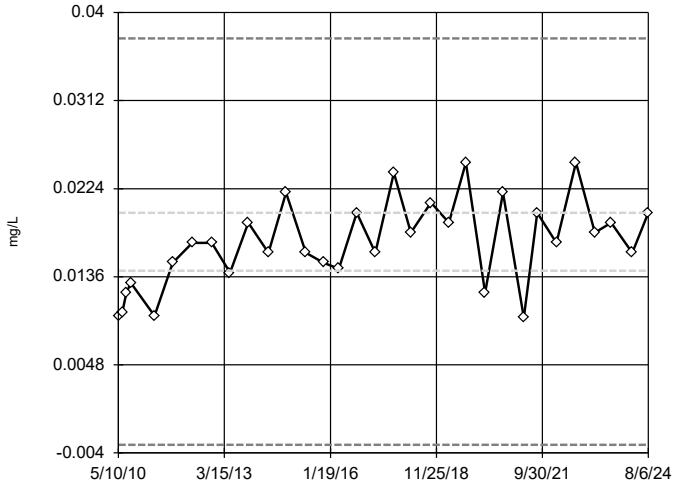
High cutoff = 22.01, low cutoff = 0.000002103, based on IQR multiplier of 3.

Constituent: Vanadium Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-9



n = 32

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

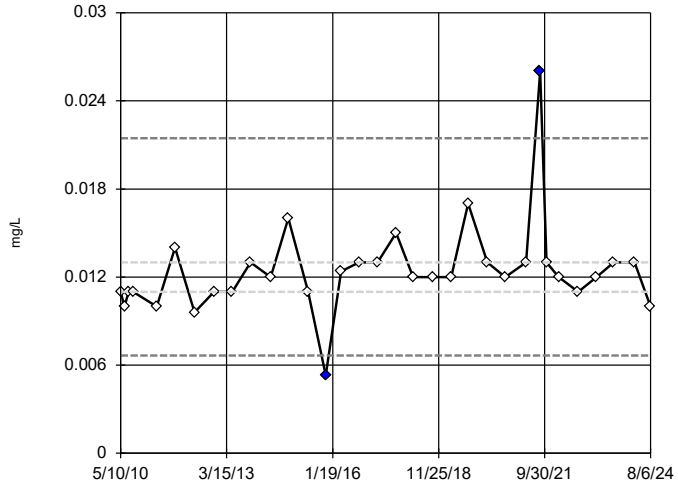
High cutoff = 0.0374, low cutoff = -0.0032, based on IQR multiplier of 3.

Constituent: Vanadium Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-10



n = 33

Outliers are drawn as solid.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

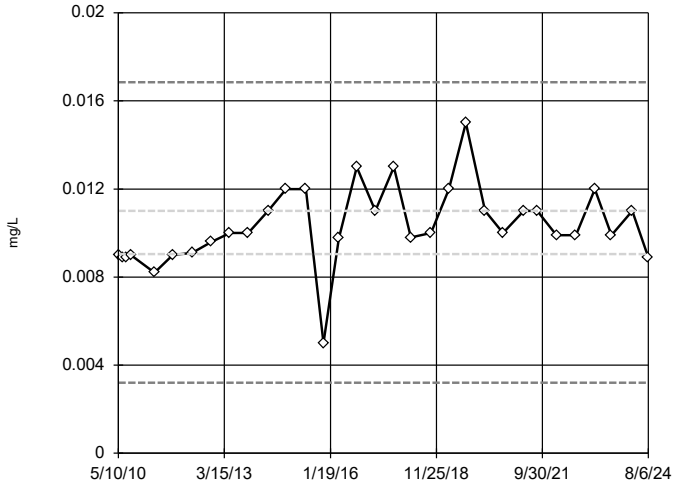
High cutoff = 0.02146, low cutoff = 0.006664, based on IQR multiplier of 3.

Constituent: Vanadium Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-11



n = 32

No outliers found.
Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

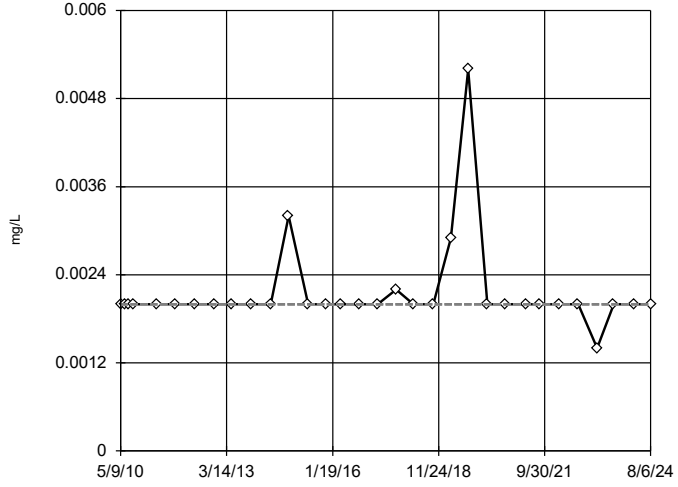
High cutoff = 0.01685, low cutoff = 0.0032, based on IQR multiplier of 3.

Constituent: Vanadium Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-12



n = 32

No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

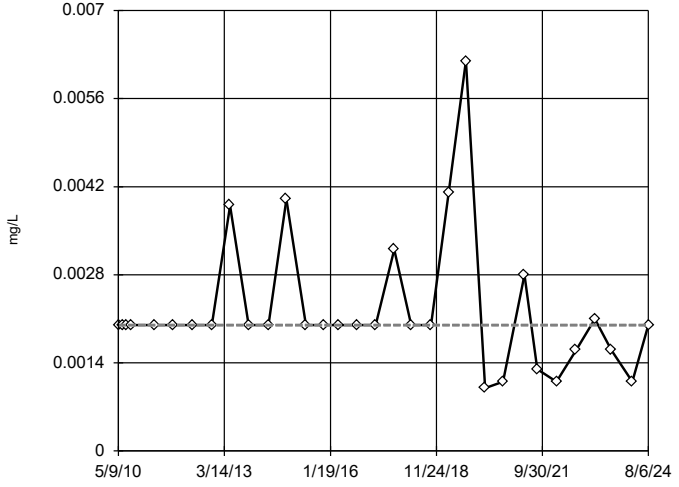
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Vanadium Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-13



n = 32

No outliers found.
Tukey's method selected by user.

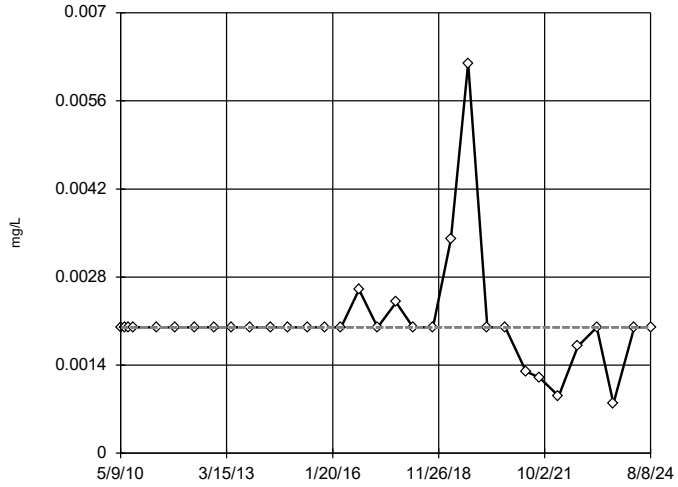
Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Vanadium Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Tukey's Outlier Screening

GWC-14



n = 32

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

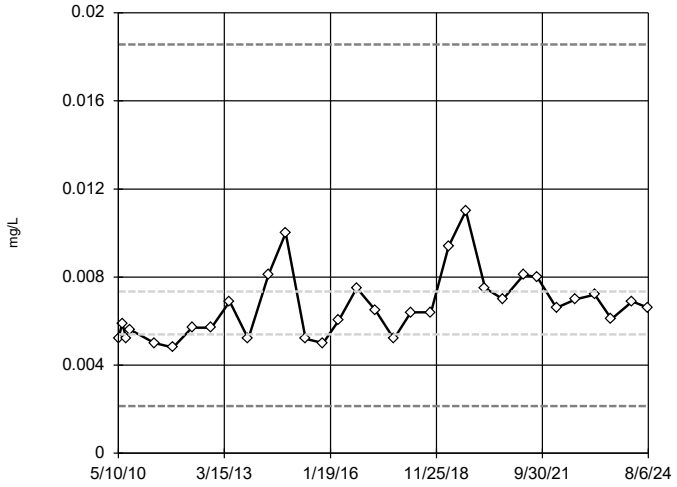
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Vanadium Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-18



n = 32

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

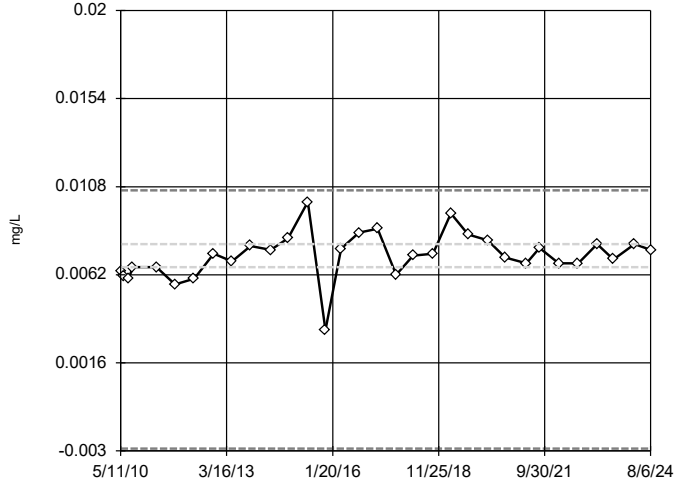
High cutoff = 0.01856, low cutoff = 0.002137, based on IQR multiplier of 3.

Constituent: Vanadium Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-19



n = 32

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

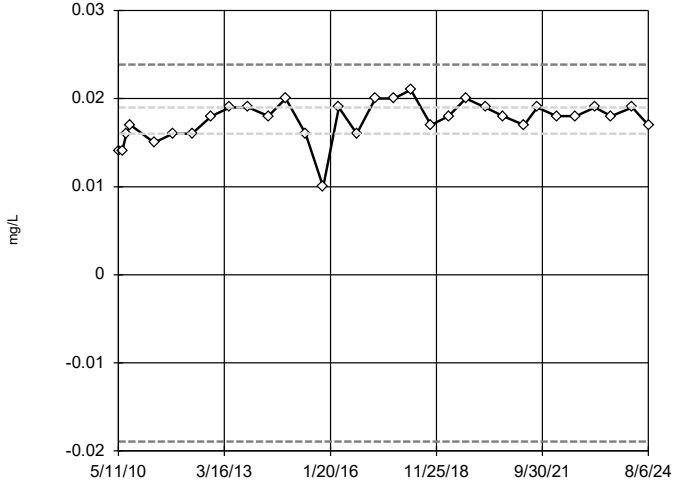
High cutoff = 0.01062, low cutoff = -0.002877, based on IQR multiplier of 3.

Constituent: Vanadium Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-20



n = 32

No outliers found. Tukey's method selected by user.

Data were x^4 transformed to achieve best W statistic (graph shown in original units).

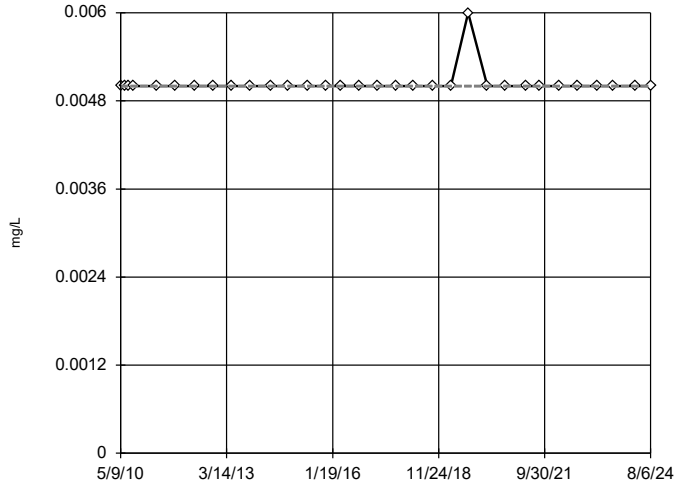
High cutoff = 0.02387, low cutoff = -0.01895, based on IQR multiplier of 3.

Constituent: Vanadium Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWA-15 (bg)



n = 32

No outliers found. Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

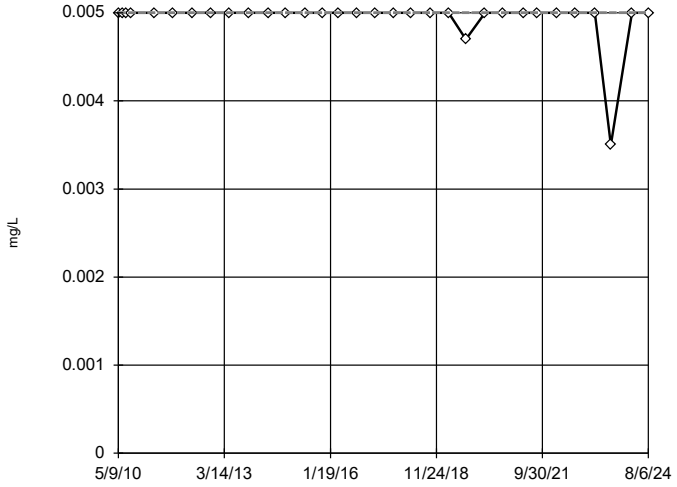
Constituent: Zinc Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWA-16 (bg)



n = 32

No outliers found. Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

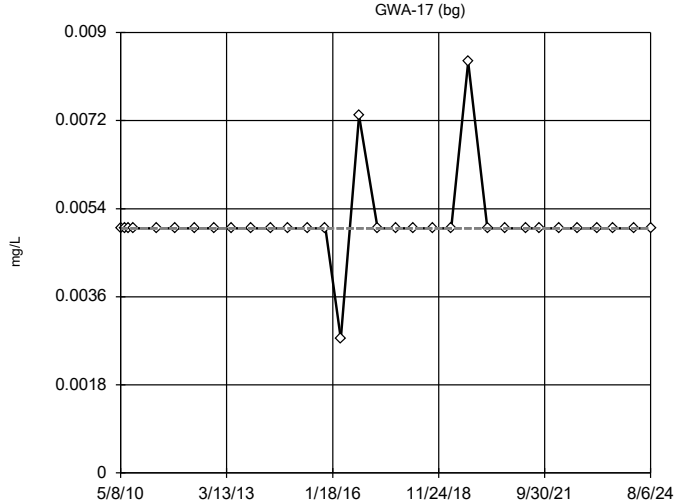
Constituent: Zinc Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWA-17 (bg)



n = 32

No outliers found. Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

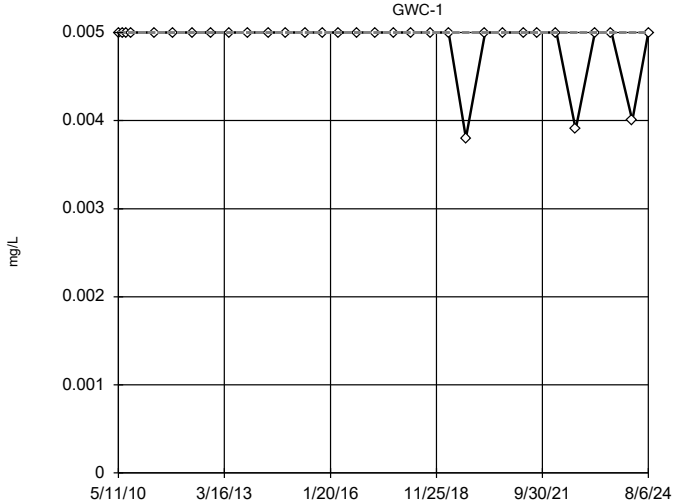
Constituent: Zinc Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-1



n = 32

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

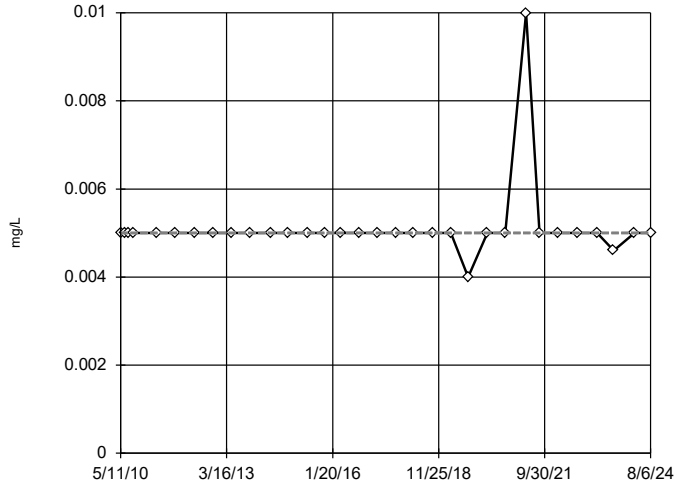
Constituent: Zinc Analysis Run 4/16/2025 10:54 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-2



n = 32

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

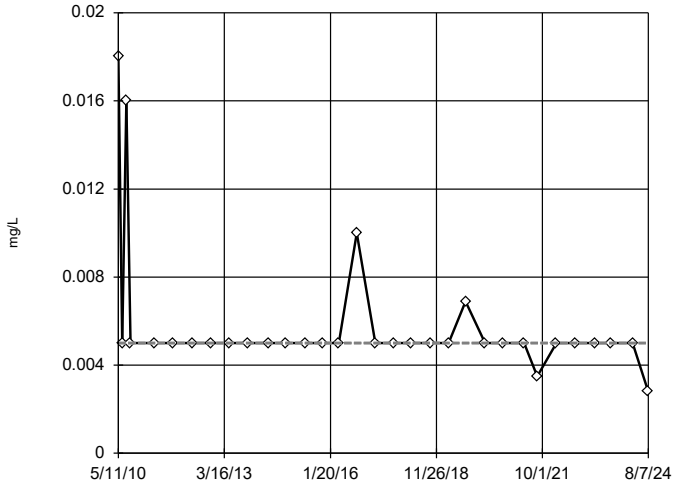
Constituent: Zinc Analysis Run 4/16/2025 10:55 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-3



n = 32

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

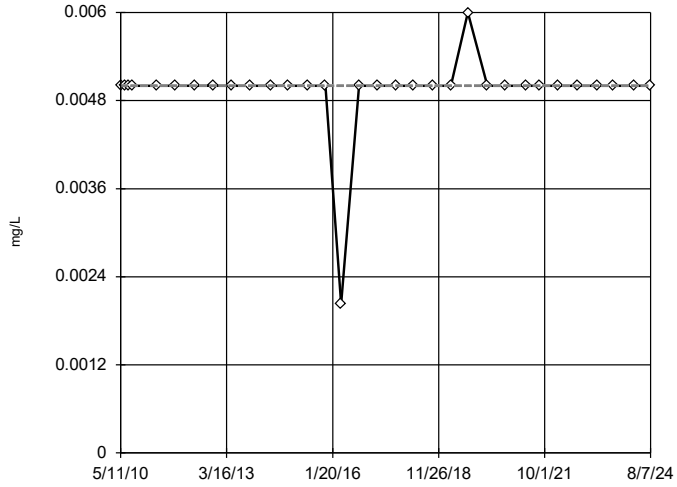
Constituent: Zinc Analysis Run 4/16/2025 10:55 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Tukey's Outlier Screening

GWC-4



n = 32

No outliers found. Tukey's method selected by user.

Data were x^4 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

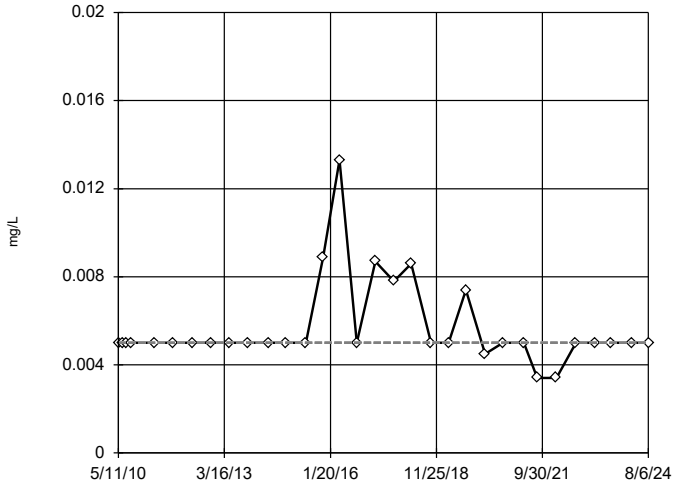
Constituent: Zinc Analysis Run 4/16/2025 10:55 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-5



n = 32

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

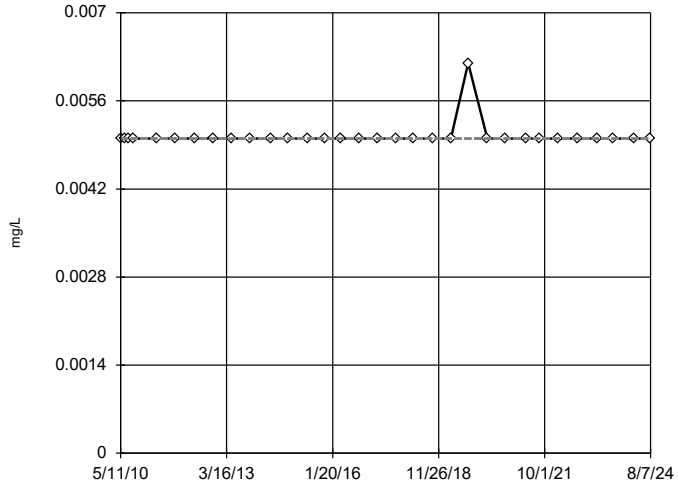
Constituent: Zinc Analysis Run 4/16/2025 10:55 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-6



n = 32

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

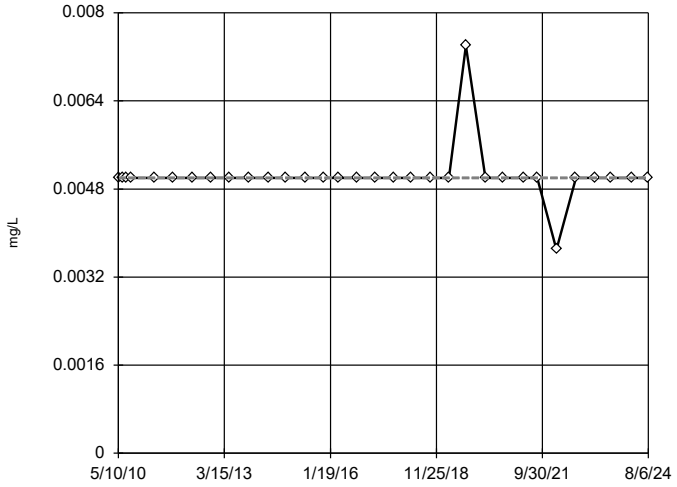
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Zinc Analysis Run 4/16/2025 10:55 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-7



n = 32

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

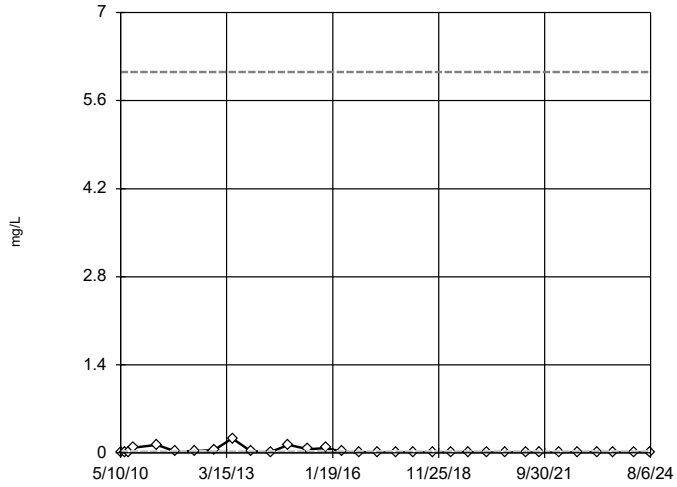
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Zinc Analysis Run 4/16/2025 10:55 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-8A



n = 32

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

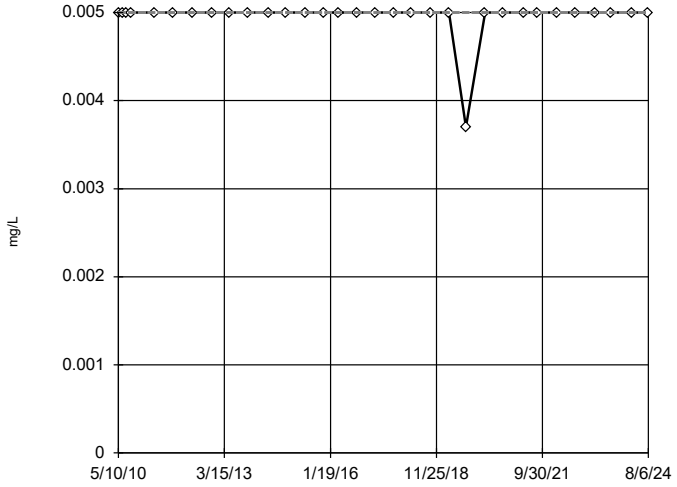
High cutoff = 6.055, low cutoff = 0.00002436, based on IQR multiplier of 3.

Constituent: Zinc Analysis Run 4/16/2025 10:55 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-9



n = 32

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

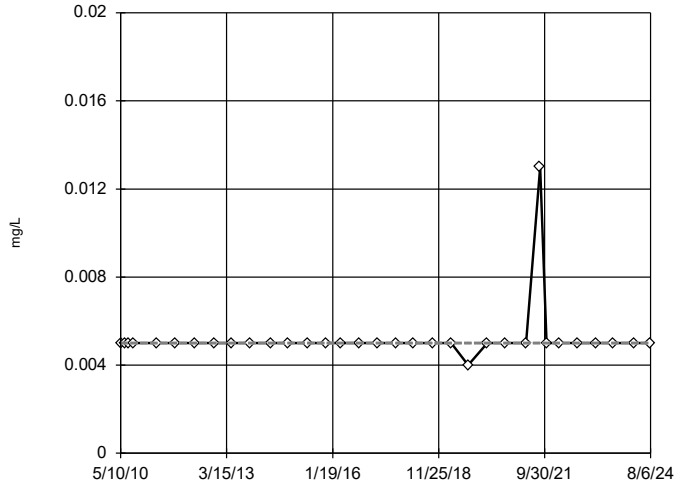
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Zinc Analysis Run 4/16/2025 10:55 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-10



n = 33

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

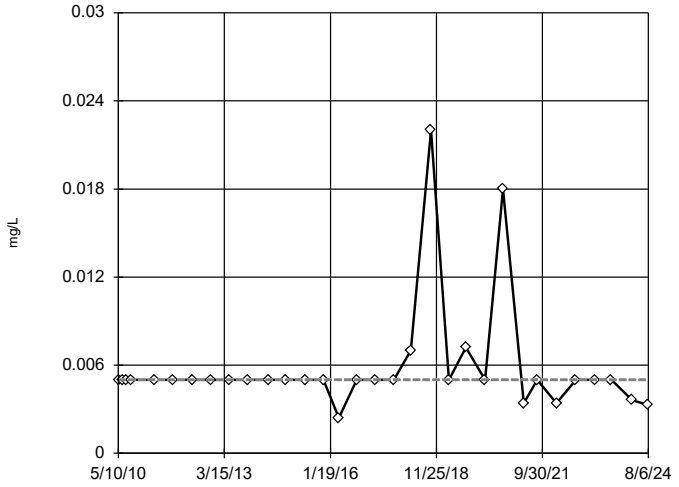
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Zinc Analysis Run 4/16/2025 10:55 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-11



n = 32

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

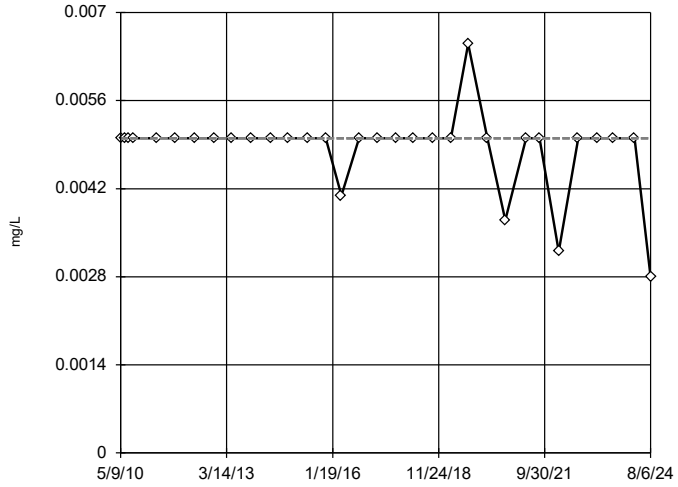
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Zinc Analysis Run 4/16/2025 10:55 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-12



n = 32

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

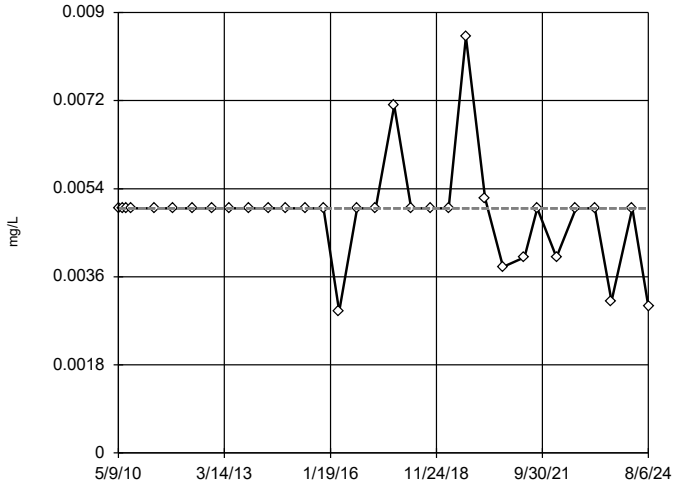
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Zinc Analysis Run 4/16/2025 10:55 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-13



n = 32

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

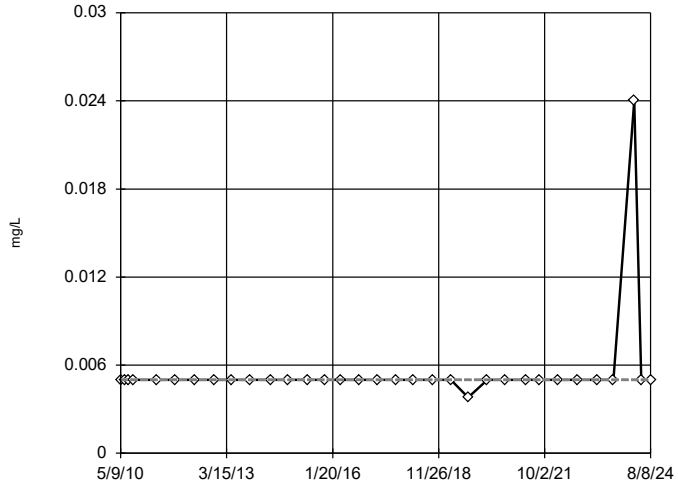
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Zinc Analysis Run 4/16/2025 10:55 AM View: Outlier Analysis
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Tukey's Outlier Screening

GWC-14



n = 33

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

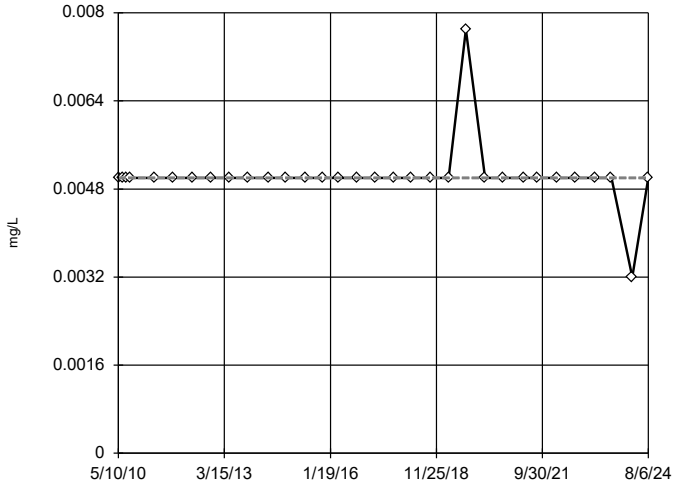
Constituent: Zinc Analysis Run 4/16/2025 10:55 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-18



n = 32

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

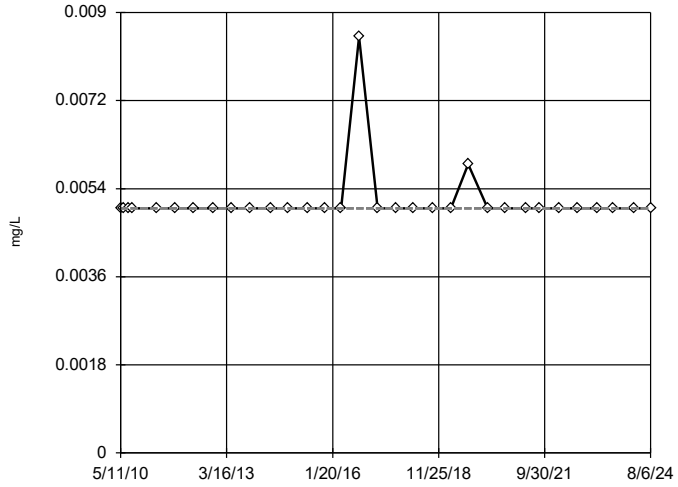
Constituent: Zinc Analysis Run 4/16/2025 10:55 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Tukey's Outlier Screening

GWC-19



n = 32

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

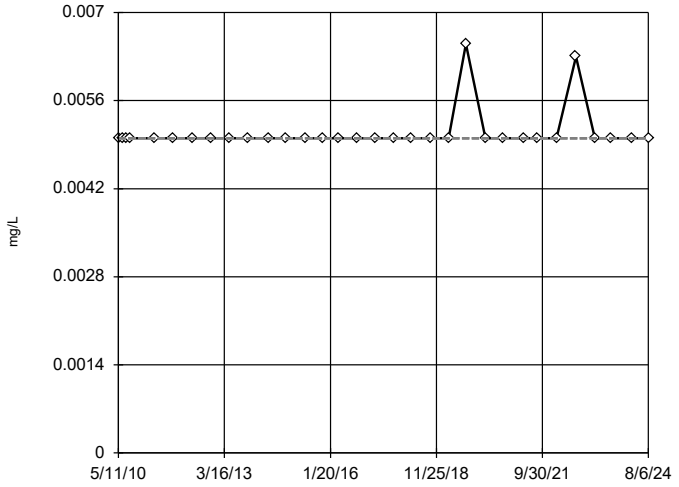
Constituent: Zinc Analysis Run 4/16/2025 10:55 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening

GWC-20



n = 32

No outliers found. Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Zinc Analysis Run 4/16/2025 10:55 AM View: Outlier Analysis

Plant Scherer Client: Southern Company Data: Scherer Cell 1

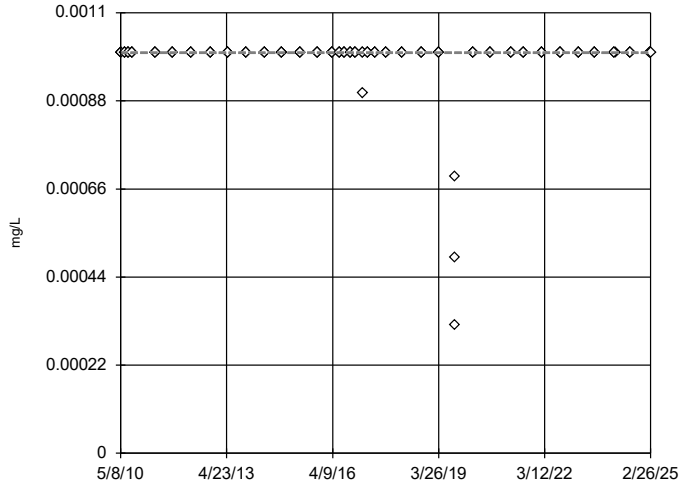
Tukey's Outlier Test - Upgradient Wells - All Results (No Significant)

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 4/16/2025, 11:04 AM

Constituent	Well	Outlier	Value(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Arsenic (mg/L)	GWA-15,GWA-16,GWA-17	n/a	n/a	NP	NaN	114	0.000986	0.00008446	unknown	ChiSquared
Sulfate (mg/L)	GWA-15,GWA-16,GWA-17	n/a	n/a	NP	NaN	72	1.162	0.6576	unknown	ShapiroFrancia

Tukey's Outlier Screening, Pooled Background

GWA-15,GWA-16,GWA-17



n = 114

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

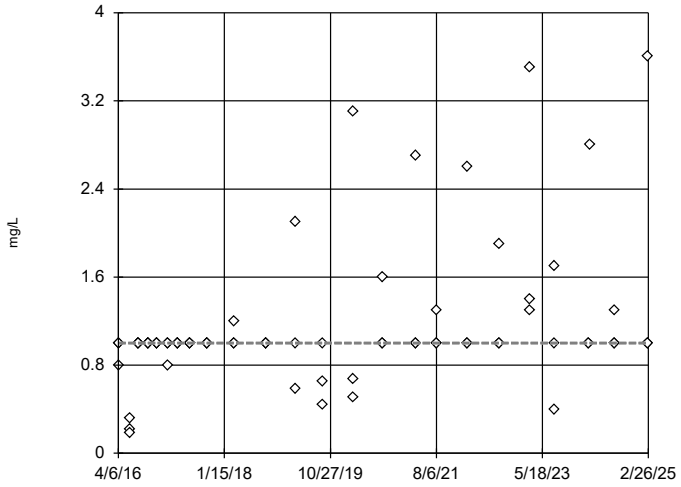
Constituent: Arsenic Analysis Run 4/16/2025 11:03 AM View: Outlier Analysis - Upgradient

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Tukey's Outlier Screening, Pooled Background

GWA-15,GWA-16,GWA-17



n = 72

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Sulfate Analysis Run 4/16/2025 11:03 AM View: Outlier Analysis - Upgradient

Plant Scherer Client: Southern Company Data: Scherer Cell 1

FIGURE D.

Welch's t-test/Mann-Whitney - Significant Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 6/18/2025, 4:11 PM

Constituent	Well	Calc.	0.01	Alpha	Sig.	Method
Barium (mg/L)	GWC-4	4.387	Yes	0.01	Yes	Mann-W
Barium (mg/L)	GWC-10	4.766	Yes	0.01	Yes	Mann-W
Barium (mg/L)	GWC-12	2.996	Yes	0.01	Yes	Mann-W
Barium (mg/L)	GWC-13	4.265	Yes	0.01	Yes	Mann-W
Barium (mg/L)	GWC-14	3.016	Yes	0.01	Yes	Mann-W
Barium (mg/L)	GWC-19	4.689	Yes	0.01	Yes	Mann-W
Barium (mg/L)	GWC-20	2.816	Yes	0.01	Yes	Mann-W
Boron (mg/L)	GWC-5	-2.593	Yes	0.01	Yes	Mann-W
Calcium (mg/L)	GWA-16 (bg)	2.765	Yes	0.01	Yes	Mann-W
Calcium (mg/L)	GWA-17 (bg)	2.884	Yes	0.01	Yes	Mann-W
Calcium (mg/L)	GWC-4	3.378	Yes	0.01	Yes	Mann-W
Calcium (mg/L)	GWC-5	-2.915	Yes	0.01	Yes	Mann-W
Calcium (mg/L)	GWC-7	3.068	Yes	0.01	Yes	Mann-W
Calcium (mg/L)	GWC-8A	3.917	Yes	0.01	Yes	Mann-W
Calcium (mg/L)	GWC-9	2.943	Yes	0.01	Yes	Mann-W
Calcium (mg/L)	GWC-14	2.886	Yes	0.01	Yes	Mann-W
Calcium (mg/L)	GWC-19	4.093	Yes	0.01	Yes	Mann-W
Calcium (mg/L)	GWC-20	3.108	Yes	0.01	Yes	Mann-W
Chloride (mg/L)	GWC-4	3.599	Yes	0.01	Yes	Mann-W
Chloride (mg/L)	GWC-5	-2.704	Yes	0.01	Yes	Mann-W
Chloride (mg/L)	GWC-7	3.073	Yes	0.01	Yes	Mann-W
Chloride (mg/L)	GWC-14	2.731	Yes	0.01	Yes	Mann-W
Chloride (mg/L)	GWC-19	2.79	Yes	0.01	Yes	Mann-W
Chloride (mg/L)	GWC-20	2.916	Yes	0.01	Yes	Mann-W
Chromium (mg/L)	GWA-16 (bg)	2.962	Yes	0.01	Yes	Mann-W
Chromium (mg/L)	GWC-19	3.013	Yes	0.01	Yes	Mann-W
Nickel (mg/L)	GWC-3	-2.964	Yes	0.01	Yes	Mann-W
Nickel (mg/L)	GWC-6	-2.811	Yes	0.01	Yes	Mann-W
Nickel (mg/L)	GWC-8A	2.758	Yes	0.01	Yes	Mann-W
Nickel (mg/L)	GWC-9	-3.053	Yes	0.01	Yes	Mann-W
Nickel (mg/L)	GWC-13	-2.717	Yes	0.01	Yes	Mann-W
pH, Field (SU)	GWA-17 (bg)	2.594	Yes	0.01	Yes	Mann-W
Selenium (mg/L)	GWC-4	-3.9	Yes	0.01	Yes	Mann-W
Selenium (mg/L)	GWC-5	-2.802	Yes	0.01	Yes	Mann-W
Sulfate (mg/L)	GWC-3	3.327	Yes	0.01	Yes	Mann-W
Sulfate (mg/L)	GWC-4	3.749	Yes	0.01	Yes	Mann-W
Sulfate (mg/L)	GWC-5	-2.87	Yes	0.01	Yes	Mann-W
Sulfate (mg/L)	GWC-7	2.987	Yes	0.01	Yes	Mann-W
Sulfate (mg/L)	GWC-9	2.776	Yes	0.01	Yes	Mann-W
Sulfate (mg/L)	GWC-10	4.242	Yes	0.01	Yes	Mann-W
TDS (mg/L)	GWC-4	3.361	Yes	0.01	Yes	Mann-W
TDS (mg/L)	GWC-5	-2.902	Yes	0.01	Yes	Mann-W
Vanadium (mg/L)	GWC-4	-2.994	Yes	0.01	Yes	Mann-W

Welch's t-test/Mann-Whitney - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 6/18/2025, 4:11 PM

Constituent	Well	Calc.	0.01	Alpha	Sig.	Method
Antimony (mg/L)	GWA-16 (bg)	0.2611	No	0.01	No	Mann-W
Antimony (mg/L)	GWC-2	0.4368	No	0.01	No	Mann-W
Antimony (mg/L)	GWC-3	-1.809	No	0.01	No	Mann-W
Antimony (mg/L)	GWC-4	0.2611	No	0.01	No	Mann-W
Antimony (mg/L)	GWC-7	0.2611	No	0.01	No	Mann-W
Antimony (mg/L)	GWC-12	0.2611	No	0.01	No	Mann-W
Antimony (mg/L)	GWC-13	0.2611	No	0.01	No	Mann-W
Antimony (mg/L)	GWC-18	0.4368	No	0.01	No	Mann-W
Antimony (mg/L)	GWC-19	0.2611	No	0.01	No	Mann-W
Barium (mg/L)	GWA-15 (bg)	0.7705	No	0.01	No	Mann-W
Barium (mg/L)	GWA-16 (bg)	1.779	No	0.01	No	Mann-W
Barium (mg/L)	GWA-17 (bg)	-0.6634	No	0.01	No	Mann-W
Barium (mg/L)	GWC-1	1.623	No	0.01	No	Mann-W
Barium (mg/L)	GWC-2	1.395	No	0.01	No	Mann-W
Barium (mg/L)	GWC-3	-0.3653	No	0.01	No	Mann-W
Barium (mg/L)	**GWC-4**	**4.387**	**Yes**	**0.01**	**Yes**	**Mann-W**
Barium (mg/L)	GWC-5	0	No	0.01	No	Mann-W
Barium (mg/L)	GWC-6	-1.251	No	0.01	No	Mann-W
Barium (mg/L)	GWC-7	2.259	No	0.01	No	Mann-W
Barium (mg/L)	GWC-8A	0.5383	No	0.01	No	Mann-W
Barium (mg/L)	GWC-9	1.842	No	0.01	No	Mann-W
Barium (mg/L)	**GWC-10**	**4.766**	**Yes**	**0.01**	**Yes**	**Mann-W**
Barium (mg/L)	GWC-11	2.542	No	0.01	No	Mann-W
Barium (mg/L)	**GWC-12**	**2.996**	**Yes**	**0.01**	**Yes**	**Mann-W**
Barium (mg/L)	**GWC-13**	**4.265**	**Yes**	**0.01**	**Yes**	**Mann-W**
Barium (mg/L)	**GWC-14**	**3.016**	**Yes**	**0.01**	**Yes**	**Mann-W**
Barium (mg/L)	GWC-18	1.359	No	0.01	No	Mann-W
Barium (mg/L)	**GWC-19**	**4.689**	**Yes**	**0.01**	**Yes**	**Mann-W**
Barium (mg/L)	**GWC-20**	**2.816**	**Yes**	**0.01**	**Yes**	**Mann-W**
Beryllium (mg/L)	GWA-17 (bg)	0.2611	No	0.01	No	Mann-W
Beryllium (mg/L)	GWC-3	0.2611	No	0.01	No	Mann-W
Beryllium (mg/L)	GWC-4	0.2611	No	0.01	No	Mann-W
Beryllium (mg/L)	GWC-5	0.2611	No	0.01	No	Mann-W
Beryllium (mg/L)	GWC-6	0.2611	No	0.01	No	Mann-W
Beryllium (mg/L)	GWC-7	0.2611	No	0.01	No	Mann-W
Beryllium (mg/L)	GWC-8A	0.2611	No	0.01	No	Mann-W
Boron (mg/L)	GWA-15 (bg)	-1.244	No	0.01	No	Mann-W
Boron (mg/L)	GWA-17 (bg)	0.3441	No	0.01	No	Mann-W
Boron (mg/L)	GWC-1	0.5805	No	0.01	No	Mann-W
Boron (mg/L)	GWC-2	-1.244	No	0.01	No	Mann-W
Boron (mg/L)	GWC-3	0.5805	No	0.01	No	Mann-W
Boron (mg/L)	GWC-4	0.2473	No	0.01	No	Mann-W
Boron (mg/L)	**GWC-5**	**-2.593**	**Yes**	**0.01**	**Yes**	**Mann-W**
Boron (mg/L)	GWC-6	1.608	No	0.01	No	Mann-W
Boron (mg/L)	GWC-7	0.5805	No	0.01	No	Mann-W
Boron (mg/L)	GWC-8A	-1.017	No	0.01	No	Mann-W
Boron (mg/L)	GWC-9	0.2437	No	0.01	No	Mann-W
Boron (mg/L)	GWC-10	-0.3369	No	0.01	No	Mann-W
Boron (mg/L)	GWC-11	0.3441	No	0.01	No	Mann-W
Boron (mg/L)	GWC-12	-1.244	No	0.01	No	Mann-W
Boron (mg/L)	GWC-13	0.5805	No	0.01	No	Mann-W
Boron (mg/L)	GWC-14	0.3441	No	0.01	No	Mann-W
Boron (mg/L)	GWC-18	0.3441	No	0.01	No	Mann-W
Boron (mg/L)	GWC-19	0.3441	No	0.01	No	Mann-W
Boron (mg/L)	GWC-20	-1.28	No	0.01	No	Mann-W
Cadmium (mg/L)	GWA-17 (bg)	0.2611	No	0.01	No	Mann-W
Cadmium (mg/L)	GWC-2	0.2611	No	0.01	No	Mann-W
Cadmium (mg/L)	GWC-8A	1.053	No	0.01	No	Mann-W
Cadmium (mg/L)	GWC-11	0.2611	No	0.01	No	Mann-W
Calcium (mg/L)	GWA-15 (bg)	0.2453	No	0.01	No	Mann-W

Welch's t-test/Mann-Whitney - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 6/18/2025, 4:11 PM

Constituent	Well	Calc.	0.01	Alpha	Sig.	Method
Calcium (mg/L)	**GWA-16 (bg)**	**2.765**	**Yes**	**0.01**	**Yes**	**Mann-W**
Calcium (mg/L)	**GWA-17 (bg)**	**2.884**	**Yes**	**0.01**	**Yes**	**Mann-W**
Calcium (mg/L)	GWC-1	1.827	No	0.01	No	Mann-W
Calcium (mg/L)	GWC-2	2.056	No	0.01	No	Mann-W
Calcium (mg/L)	GWC-3	0.203	No	0.01	No	Mann-W
Calcium (mg/L)	**GWC-4**	**3.378**	**Yes**	**0.01**	**Yes**	**Mann-W**
Calcium (mg/L)	**GWC-5**	**-2.915**	**Yes**	**0.01**	**Yes**	**Mann-W**
Calcium (mg/L)	GWC-6	-1.162	No	0.01	No	Mann-W
Calcium (mg/L)	**GWC-7**	**3.068**	**Yes**	**0.01**	**Yes**	**Mann-W**
Calcium (mg/L)	**GWC-8A**	**3.917**	**Yes**	**0.01**	**Yes**	**Mann-W**
Calcium (mg/L)	**GWC-9**	**2.943**	**Yes**	**0.01**	**Yes**	**Mann-W**
Calcium (mg/L)	GWC-10	2.013	No	0.01	No	Mann-W
Calcium (mg/L)	GWC-11	2.028	No	0.01	No	Mann-W
Calcium (mg/L)	GWC-12	1.359	No	0.01	No	Mann-W
Calcium (mg/L)	GWC-13	2.564	No	0.01	No	Mann-W
Calcium (mg/L)	**GWC-14**	**2.886**	**Yes**	**0.01**	**Yes**	**Mann-W**
Calcium (mg/L)	GWC-18	1.833	No	0.01	No	Mann-W
Calcium (mg/L)	**GWC-19**	**4.093**	**Yes**	**0.01**	**Yes**	**Mann-W**
Calcium (mg/L)	**GWC-20**	**3.108**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chloride (mg/L)	GWA-15 (bg)	1.305	No	0.01	No	Mann-W
Chloride (mg/L)	GWA-16 (bg)	0.1264	No	0.01	No	Mann-W
Chloride (mg/L)	GWA-17 (bg)	-1.825	No	0.01	No	Mann-W
Chloride (mg/L)	GWC-1	-1.102	No	0.01	No	Mann-W
Chloride (mg/L)	GWC-2	0.8641	No	0.01	No	Mann-W
Chloride (mg/L)	GWC-3	-1.143	No	0.01	No	Mann-W
Chloride (mg/L)	**GWC-4**	**3.599**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chloride (mg/L)	**GWC-5**	**-2.704**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chloride (mg/L)	GWC-6	-0.7711	No	0.01	No	Mann-W
Chloride (mg/L)	**GWC-7**	**3.073**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chloride (mg/L)	GWC-8A	0.7721	No	0.01	No	Mann-W
Chloride (mg/L)	GWC-9	2.566	No	0.01	No	Mann-W
Chloride (mg/L)	GWC-10	2.321	No	0.01	No	Mann-W
Chloride (mg/L)	GWC-11	1.001	No	0.01	No	Mann-W
Chloride (mg/L)	GWC-12	2.024	No	0.01	No	Mann-W
Chloride (mg/L)	GWC-13	-0.3784	No	0.01	No	Mann-W
Chloride (mg/L)	**GWC-14**	**2.731**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chloride (mg/L)	GWC-18	2.009	No	0.01	No	Mann-W
Chloride (mg/L)	**GWC-19**	**2.79**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chloride (mg/L)	**GWC-20**	**2.916**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chromium (mg/L)	GWA-15 (bg)	-0.2583	No	0.01	No	Mann-W
Chromium (mg/L)	**GWA-16 (bg)**	**2.962**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chromium (mg/L)	GWA-17 (bg)	2.472	No	0.01	No	Mann-W
Chromium (mg/L)	GWC-1	2.369	No	0.01	No	Mann-W
Chromium (mg/L)	GWC-2	2.505	No	0.01	No	Mann-W
Chromium (mg/L)	GWC-3	2.495	No	0.01	No	Mann-W
Chromium (mg/L)	GWC-4	-2.521	No	0.01	No	Mann-W
Chromium (mg/L)	GWC-5	2.496	No	0.01	No	Mann-W
Chromium (mg/L)	GWC-6	0.4652	No	0.01	No	Mann-W
Chromium (mg/L)	GWC-7	1.969	No	0.01	No	Mann-W
Chromium (mg/L)	GWC-8A	-2.231	No	0.01	No	Mann-W
Chromium (mg/L)	GWC-9	1.811	No	0.01	No	Mann-W
Chromium (mg/L)	GWC-10	2.432	No	0.01	No	Mann-W
Chromium (mg/L)	GWC-11	0.441	No	0.01	No	Mann-W
Chromium (mg/L)	GWC-12	0.5036	No	0.01	No	Mann-W
Chromium (mg/L)	GWC-13	1.512	No	0.01	No	Mann-W
Chromium (mg/L)	GWC-14	-0.2057	No	0.01	No	Mann-W
Chromium (mg/L)	GWC-18	-1.737	No	0.01	No	Mann-W
Chromium (mg/L)	**GWC-19**	**3.013**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chromium (mg/L)	GWC-20	0.5387	No	0.01	No	Mann-W
Cobalt (mg/L)	GWA-15 (bg)	0.8363	No	0.01	No	Mann-W

Welch's t-test/Mann-Whitney - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 6/18/2025, 4:11 PM

Constituent	Well	Calc.	0.01	Alpha	Sig.	Method
Cobalt (mg/L)	GWA-16 (bg)	0.6918	No	0.01	No	Mann-W
Cobalt (mg/L)	GWA-17 (bg)	0.5682	No	0.01	No	Mann-W
Cobalt (mg/L)	GWC-1	0.5682	No	0.01	No	Mann-W
Cobalt (mg/L)	GWC-2	0.5682	No	0.01	No	Mann-W
Cobalt (mg/L)	GWC-3	0	No	0.01	No	Mann-W
Cobalt (mg/L)	GWC-4	0.8763	No	0.01	No	Mann-W
Cobalt (mg/L)	GWC-5	0.2611	No	0.01	No	Mann-W
Cobalt (mg/L)	GWC-6	0.5682	No	0.01	No	Mann-W
Cobalt (mg/L)	GWC-7	0.7818	No	0.01	No	Mann-W
Cobalt (mg/L)	GWC-8A	1.843	No	0.01	No	Mann-W
Cobalt (mg/L)	GWC-9	0.7818	No	0.01	No	Mann-W
Cobalt (mg/L)	GWC-10	-0.4287	No	0.01	No	Mann-W
Cobalt (mg/L)	GWC-11	0.2611	No	0.01	No	Mann-W
Cobalt (mg/L)	GWC-12	-1.982	No	0.01	No	Mann-W
Cobalt (mg/L)	GWC-18	0.7952	No	0.01	No	Mann-W
Cobalt (mg/L)	GWC-19	0.5682	No	0.01	No	Mann-W
Cobalt (mg/L)	GWC-20	0.7818	No	0.01	No	Mann-W
Copper (mg/L)	GWA-16 (bg)	0.4752	No	0.01	No	Mann-W
Copper (mg/L)	GWA-17 (bg)	0.2835	No	0.01	No	Mann-W
Copper (mg/L)	GWC-1	0.4752	No	0.01	No	Mann-W
Copper (mg/L)	GWC-2	0.6196	No	0.01	No	Mann-W
Copper (mg/L)	GWC-3	0.4042	No	0.01	No	Mann-W
Copper (mg/L)	GWC-4	-0.5342	No	0.01	No	Mann-W
Copper (mg/L)	GWC-6	-0.4462	No	0.01	No	Mann-W
Copper (mg/L)	GWC-7	-0.5231	No	0.01	No	Mann-W
Copper (mg/L)	GWC-8A	-1.935	No	0.01	No	Mann-W
Copper (mg/L)	GWC-9	-1.586	No	0.01	No	Mann-W
Copper (mg/L)	GWC-10	-0.4642	No	0.01	No	Mann-W
Copper (mg/L)	GWC-11	-0.06788	No	0.01	No	Mann-W
Copper (mg/L)	GWC-13	-0.4725	No	0.01	No	Mann-W
Copper (mg/L)	GWC-14	-0.4725	No	0.01	No	Mann-W
Copper (mg/L)	GWC-18	-1.127	No	0.01	No	Mann-W
Copper (mg/L)	GWC-20	-0.4811	No	0.01	No	Mann-W
Fluoride (mg/L)	GWA-15 (bg)	0.3372	No	0.01	No	Mann-W
Fluoride (mg/L)	GWA-16 (bg)	0.7444	No	0.01	No	Mann-W
Fluoride (mg/L)	GWA-17 (bg)	0.4816	No	0.01	No	Mann-W
Fluoride (mg/L)	GWC-1	0.07464	No	0.01	No	Mann-W
Fluoride (mg/L)	GWC-2	1.548	No	0.01	No	Mann-W
Fluoride (mg/L)	GWC-3	1.058	No	0.01	No	Mann-W
Fluoride (mg/L)	GWC-4	-2.082	No	0.01	No	Mann-W
Fluoride (mg/L)	GWC-5	0.621	No	0.01	No	Mann-W
Fluoride (mg/L)	GWC-6	1.677	No	0.01	No	Mann-W
Fluoride (mg/L)	GWC-7	0.7303	No	0.01	No	Mann-W
Fluoride (mg/L)	GWC-8A	-2.152	No	0.01	No	Mann-W
Fluoride (mg/L)	GWC-9	0.7114	No	0.01	No	Mann-W
Fluoride (mg/L)	GWC-10	0.2963	No	0.01	No	Mann-W
Fluoride (mg/L)	GWC-11	0.788	No	0.01	No	Mann-W
Fluoride (mg/L)	GWC-12	-0.1991	No	0.01	No	Mann-W
Fluoride (mg/L)	GWC-13	0.8519	No	0.01	No	Mann-W
Fluoride (mg/L)	GWC-14	-0.1992	No	0.01	No	Mann-W
Fluoride (mg/L)	GWC-18	0.9407	No	0.01	No	Mann-W
Fluoride (mg/L)	GWC-19	0.9404	No	0.01	No	Mann-W
Fluoride (mg/L)	GWC-20	0.9676	No	0.01	No	Mann-W
Lead (mg/L)	GWA-16 (bg)	0.3441	No	0.01	No	Mann-W
Lead (mg/L)	GWA-17 (bg)	0.3441	No	0.01	No	Mann-W
Lead (mg/L)	GWC-1	-0.8311	No	0.01	No	Mann-W
Lead (mg/L)	GWC-2	0.3441	No	0.01	No	Mann-W
Lead (mg/L)	GWC-3	0.5805	No	0.01	No	Mann-W
Lead (mg/L)	GWC-4	0.3441	No	0.01	No	Mann-W
Lead (mg/L)	GWC-7	0.5805	No	0.01	No	Mann-W

Welch's t-test/Mann-Whitney - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 6/18/2025, 4:11 PM

Constituent	Well	Calc.	0.01	Alpha	Sig.	Method
Lead (mg/L)	GWC-8A	-1.043	No	0.01	No	Mann-W
Lead (mg/L)	GWC-10	0.3354	No	0.01	No	Mann-W
Lead (mg/L)	GWC-11	1.108	No	0.01	No	Mann-W
Lead (mg/L)	GWC-13	0.3441	No	0.01	No	Mann-W
Lead (mg/L)	GWC-19	0.2078	No	0.01	No	Mann-W
Mercury (mg/L)	GWA-15 (bg)	0.6804	No	0.01	No	Mann-W
Mercury (mg/L)	GWA-16 (bg)	0.6804	No	0.01	No	Mann-W
Mercury (mg/L)	GWA-17 (bg)	0.8764	No	0.01	No	Mann-W
Mercury (mg/L)	GWC-1	0.7818	No	0.01	No	Mann-W
Mercury (mg/L)	GWC-2	0.6806	No	0.01	No	Mann-W
Mercury (mg/L)	GWC-3	0.6806	No	0.01	No	Mann-W
Mercury (mg/L)	GWC-4	0.5683	No	0.01	No	Mann-W
Mercury (mg/L)	GWC-5	0.5682	No	0.01	No	Mann-W
Mercury (mg/L)	GWC-6	0.7819	No	0.01	No	Mann-W
Mercury (mg/L)	GWC-7	0.7818	No	0.01	No	Mann-W
Mercury (mg/L)	GWC-8A	0.8764	No	0.01	No	Mann-W
Mercury (mg/L)	GWC-9	0.4368	No	0.01	No	Mann-W
Mercury (mg/L)	GWC-10	0.6804	No	0.01	No	Mann-W
Mercury (mg/L)	GWC-11	0.5682	No	0.01	No	Mann-W
Mercury (mg/L)	GWC-12	0.2611	No	0.01	No	Mann-W
Mercury (mg/L)	GWC-13	0.7818	No	0.01	No	Mann-W
Mercury (mg/L)	GWC-14	0.5682	No	0.01	No	Mann-W
Mercury (mg/L)	GWC-18	0.5682	No	0.01	No	Mann-W
Mercury (mg/L)	GWC-19	0.4526	No	0.01	No	Mann-W
Mercury (mg/L)	GWC-20	0.8763	No	0.01	No	Mann-W
Nickel (mg/L)	GWA-15 (bg)	-1.648	No	0.01	No	Mann-W
Nickel (mg/L)	GWA-16 (bg)	0.2887	No	0.01	No	Mann-W
Nickel (mg/L)	GWA-17 (bg)	0.347	No	0.01	No	Mann-W
Nickel (mg/L)	GWC-1	-1.253	No	0.01	No	Mann-W
Nickel (mg/L)	GWC-2	-0.3378	No	0.01	No	Mann-W
Nickel (mg/L)	**GWC-3**	**-2.964**	**Yes**	**0.01**	**Yes**	**Mann-W**
Nickel (mg/L)	GWC-4	-2.307	No	0.01	No	Mann-W
Nickel (mg/L)	GWC-5	-1.309	No	0.01	No	Mann-W
Nickel (mg/L)	**GWC-6**	**-2.811**	**Yes**	**0.01**	**Yes**	**Mann-W**
Nickel (mg/L)	GWC-7	0.1352	No	0.01	No	Mann-W
Nickel (mg/L)	**GWC-8A**	**2.758**	**Yes**	**0.01**	**Yes**	**Mann-W**
Nickel (mg/L)	**GWC-9**	**-3.053**	**Yes**	**0.01**	**Yes**	**Mann-W**
Nickel (mg/L)	GWC-10	2.195	No	0.01	No	Mann-W
Nickel (mg/L)	GWC-11	-2.32	No	0.01	No	Mann-W
Nickel (mg/L)	GWC-12	-2.119	No	0.01	No	Mann-W
Nickel (mg/L)	**GWC-13**	**-2.717**	**Yes**	**0.01**	**Yes**	**Mann-W**
Nickel (mg/L)	GWC-18	0.6316	No	0.01	No	Mann-W
Nickel (mg/L)	GWC-19	-1.433	No	0.01	No	Mann-W
Nickel (mg/L)	GWC-20	-1.137	No	0.01	No	Mann-W
pH, Field (SU)	GWA-15 (bg)	-0.9291	No	0.01	No	Mann-W
pH, Field (SU)	GWA-16 (bg)	0.2693	No	0.01	No	Mann-W
pH, Field (SU)	**GWA-17 (bg)**	**2.594**	**Yes**	**0.01**	**Yes**	**Mann-W**
pH, Field (SU)	GWC-1	2.231	No	0.01	No	Mann-W
pH, Field (SU)	GWC-2	1.045	No	0.01	No	Mann-W
pH, Field (SU)	GWC-3	1.411	No	0.01	No	Mann-W
pH, Field (SU)	GWC-4	-2.354	No	0.01	No	Mann-W
pH, Field (SU)	GWC-5	2.142	No	0.01	No	Mann-W
pH, Field (SU)	GWC-6	1.29	No	0.01	No	Mann-W
pH, Field (SU)	GWC-7	1.593	No	0.01	No	Mann-W
pH, Field (SU)	GWC-8A	-1.525	No	0.01	No	Mann-W
pH, Field (SU)	GWC-9	0.1472	No	0.01	No	Mann-W
pH, Field (SU)	GWC-10	-0.4499	No	0.01	No	Mann-W
pH, Field (SU)	GWC-11	1.151	No	0.01	No	Mann-W
pH, Field (SU)	GWC-12	1.001	No	0.01	No	Mann-W
pH, Field (SU)	GWC-13	2.073	No	0.01	No	Mann-W

Welch's t-test/Mann-Whitney - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 6/18/2025, 4:11 PM

Constituent	Well	Calc.	0.01	Alpha	Sig.	Method
pH, Field (SU)	GWC-14	-0.562	No	0.01	No	Mann-W
pH, Field (SU)	GWC-18	1.191	No	0.01	No	Mann-W
pH, Field (SU)	GWC-19	-1.763	No	0.01	No	Mann-W
pH, Field (SU)	GWC-20	0.4987	No	0.01	No	Mann-W
Selenium (mg/L)	GWA-15 (bg)	0.2611	No	0.01	No	Mann-W
Selenium (mg/L)	GWA-16 (bg)	0.5682	No	0.01	No	Mann-W
Selenium (mg/L)	GWA-17 (bg)	0.4368	No	0.01	No	Mann-W
Selenium (mg/L)	GWC-1	0.155	No	0.01	No	Mann-W
Selenium (mg/L)	GWC-2	-0.5715	No	0.01	No	Mann-W
Selenium (mg/L)	GWC-3	0.2611	No	0.01	No	Mann-W
Selenium (mg/L)	**GWC-4**	**-3.9**	**Yes**	**0.01**	**Yes**	**Mann-W**
Selenium (mg/L)	**GWC-5**	**-2.802**	**Yes**	**0.01**	**Yes**	**Mann-W**
Selenium (mg/L)	GWC-6	0.781	No	0.01	No	Mann-W
Selenium (mg/L)	GWC-7	-0.06239	No	0.01	No	Mann-W
Selenium (mg/L)	GWC-8A	0.6804	No	0.01	No	Mann-W
Selenium (mg/L)	GWC-9	-0.06239	No	0.01	No	Mann-W
Selenium (mg/L)	GWC-10	0.4368	No	0.01	No	Mann-W
Selenium (mg/L)	GWC-11	0.155	No	0.01	No	Mann-W
Selenium (mg/L)	GWC-12	0.2611	No	0.01	No	Mann-W
Selenium (mg/L)	GWC-14	-0.06239	No	0.01	No	Mann-W
Selenium (mg/L)	GWC-18	0.2611	No	0.01	No	Mann-W
Selenium (mg/L)	GWC-19	0.2611	No	0.01	No	Mann-W
Sulfate (mg/L)	GWA-15 (bg)	2.057	No	0.01	No	Mann-W
Sulfate (mg/L)	GWA-16 (bg)	0.3068	No	0.01	No	Mann-W
Sulfate (mg/L)	GWA-17 (bg)	1.685	No	0.01	No	Mann-W
Sulfate (mg/L)	GWC-1	0.08365	No	0.01	No	Mann-W
Sulfate (mg/L)	GWC-2	-0.04234	No	0.01	No	Mann-W
Sulfate (mg/L)	**GWC-3**	**3.327**	**Yes**	**0.01**	**Yes**	**Mann-W**
Sulfate (mg/L)	**GWC-4**	**3.749**	**Yes**	**0.01**	**Yes**	**Mann-W**
Sulfate (mg/L)	**GWC-5**	**-2.87**	**Yes**	**0.01**	**Yes**	**Mann-W**
Sulfate (mg/L)	GWC-6	1.578	No	0.01	No	Mann-W
Sulfate (mg/L)	**GWC-7**	**2.987**	**Yes**	**0.01**	**Yes**	**Mann-W**
Sulfate (mg/L)	GWC-8A	-2.192	No	0.01	No	Mann-W
Sulfate (mg/L)	**GWC-9**	**2.776**	**Yes**	**0.01**	**Yes**	**Mann-W**
Sulfate (mg/L)	**GWC-10**	**4.242**	**Yes**	**0.01**	**Yes**	**Mann-W**
Sulfate (mg/L)	GWC-11	-0.6926	No	0.01	No	Mann-W
Sulfate (mg/L)	GWC-12	1.312	No	0.01	No	Mann-W
Sulfate (mg/L)	GWC-13	2.099	No	0.01	No	Mann-W
Sulfate (mg/L)	GWC-14	1.685	No	0.01	No	Mann-W
Sulfate (mg/L)	GWC-18	2.362	No	0.01	No	Mann-W
Sulfate (mg/L)	GWC-19	0.843	No	0.01	No	Mann-W
Sulfate (mg/L)	GWC-20	0.2625	No	0.01	No	Mann-W
TDS (mg/L)	GWA-15 (bg)	1.097	No	0.01	No	Mann-W
TDS (mg/L)	GWA-16 (bg)	1.155	No	0.01	No	Mann-W
TDS (mg/L)	GWA-17 (bg)	1.624	No	0.01	No	Mann-W
TDS (mg/L)	GWC-1	1.856	No	0.01	No	Mann-W
TDS (mg/L)	GWC-2	0.9921	No	0.01	No	Mann-W
TDS (mg/L)	GWC-3	1.3	No	0.01	No	Mann-W
TDS (mg/L)	**GWC-4**	**3.361**	**Yes**	**0.01**	**Yes**	**Mann-W**
TDS (mg/L)	**GWC-5**	**-2.902**	**Yes**	**0.01**	**Yes**	**Mann-W**
TDS (mg/L)	GWC-6	-0.1237	No	0.01	No	Mann-W
TDS (mg/L)	GWC-7	1.523	No	0.01	No	Mann-W
TDS (mg/L)	GWC-8A	1.237	No	0.01	No	Mann-W
TDS (mg/L)	GWC-9	1.799	No	0.01	No	Mann-W
TDS (mg/L)	GWC-10	1.168	No	0.01	No	Mann-W
TDS (mg/L)	GWC-11	0.9856	No	0.01	No	Mann-W
TDS (mg/L)	GWC-12	1.914	No	0.01	No	Mann-W
TDS (mg/L)	GWC-13	1.748	No	0.01	No	Mann-W
TDS (mg/L)	GWC-14	1.218	No	0.01	No	Mann-W
TDS (mg/L)	GWC-18	1.868	No	0.01	No	Mann-W

Welch's t-test/Mann-Whitney - All Results

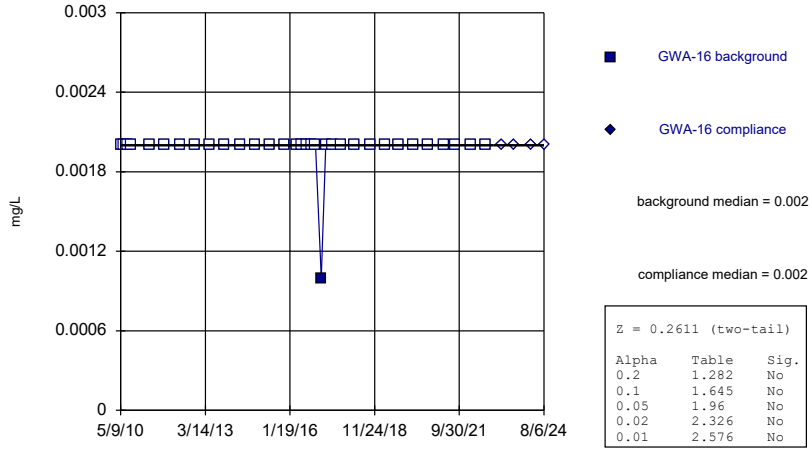
Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 6/18/2025, 4:11 PM

Constituent	Well	Calc.	0.01	Alpha	Sig.	Method
TDS (mg/L)	GWC-19	2.427	No	0.01	No	Mann-W
TDS (mg/L)	GWC-20	2.086	No	0.01	No	Mann-W
Thallium (mg/L)	GWA-15 (bg)	0.2611	No	0.01	No	Mann-W
Thallium (mg/L)	GWA-16 (bg)	0.4368	No	0.01	No	Mann-W
Thallium (mg/L)	GWA-17 (bg)	0.2611	No	0.01	No	Mann-W
Thallium (mg/L)	GWC-1	0.4368	No	0.01	No	Mann-W
Thallium (mg/L)	GWC-2	0.2611	No	0.01	No	Mann-W
Thallium (mg/L)	GWC-4	0.2611	No	0.01	No	Mann-W
Thallium (mg/L)	GWC-5	0.2611	No	0.01	No	Mann-W
Thallium (mg/L)	GWC-6	0.4368	No	0.01	No	Mann-W
Thallium (mg/L)	GWC-7	0.6804	No	0.01	No	Mann-W
Thallium (mg/L)	GWC-8A	0.4368	No	0.01	No	Mann-W
Thallium (mg/L)	GWC-9	0.2611	No	0.01	No	Mann-W
Thallium (mg/L)	GWC-19	0.2611	No	0.01	No	Mann-W
Vanadium (mg/L)	GWA-15 (bg)	-2.442	No	0.01	No	Mann-W
Vanadium (mg/L)	GWA-16 (bg)	2.394	No	0.01	No	Mann-W
Vanadium (mg/L)	GWA-17 (bg)	1.57	No	0.01	No	Mann-W
Vanadium (mg/L)	GWC-1	1.749	No	0.01	No	Mann-W
Vanadium (mg/L)	GWC-2	1.851	No	0.01	No	Mann-W
Vanadium (mg/L)	GWC-3	-1.15	No	0.01	No	Mann-W
Vanadium (mg/L)	**GWC-4**	**-2.994**	**Yes**	**0.01**	**Yes**	**Mann-W**
Vanadium (mg/L)	GWC-5	-0.916	No	0.01	No	Mann-W
Vanadium (mg/L)	GWC-6	0.9713	No	0.01	No	Mann-W
Vanadium (mg/L)	GWC-7	-0.1465	No	0.01	No	Mann-W
Vanadium (mg/L)	GWC-8A	-2.478	No	0.01	No	Mann-W
Vanadium (mg/L)	GWC-9	0.7712	No	0.01	No	Mann-W
Vanadium (mg/L)	GWC-10	0.02805	No	0.01	No	Mann-W
Vanadium (mg/L)	GWC-11	0.08601	No	0.01	No	Mann-W
Vanadium (mg/L)	GWC-12	-1.848	No	0.01	No	Mann-W
Vanadium (mg/L)	GWC-13	-0.9116	No	0.01	No	Mann-W
Vanadium (mg/L)	GWC-14	-1.699	No	0.01	No	Mann-W
Vanadium (mg/L)	GWC-18	0.5998	No	0.01	No	Mann-W
Vanadium (mg/L)	GWC-19	0.9124	No	0.01	No	Mann-W
Vanadium (mg/L)	GWC-20	0.578	No	0.01	No	Mann-W
Zinc (mg/L)	GWA-15 (bg)	-0.4725	No	0.01	No	Mann-W
Zinc (mg/L)	GWA-16 (bg)	-1.765	No	0.01	No	Mann-W
Zinc (mg/L)	GWA-17 (bg)	-0.2816	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-1	-1.07	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-2	-1.521	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-3	-1.555	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-4	-0.06788	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-5	-0.3447	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-6	-0.4725	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-7	-0.06788	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-8A	-1.124	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-9	0.2835	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-10	-0.06667	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-11	-1.8	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-12	-1.088	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-13	-1.832	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-14	1.881	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-18	-2.172	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-19	-0.4811	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-20	-0.611	No	0.01	No	Mann-W

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-16 (bg)



Z = 0.2611 (two-tail)

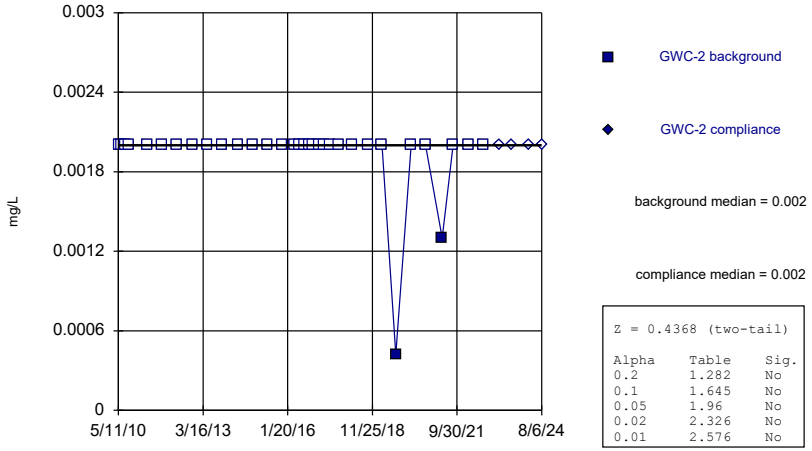
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0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Antimony Analysis Run 6/18/2025 4:00 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-2



Z = 0.4368 (two-tail)

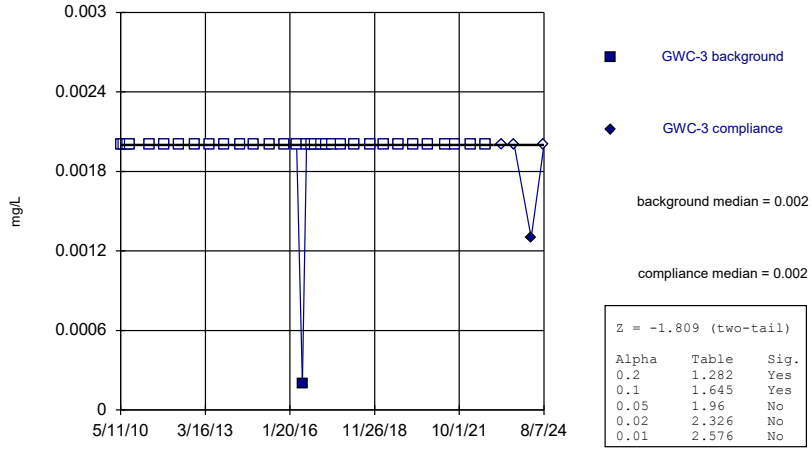
Alpha	Table	Sig.
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0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Antimony Analysis Run 6/18/2025 4:00 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-3



Z = -1.809 (two-tail)

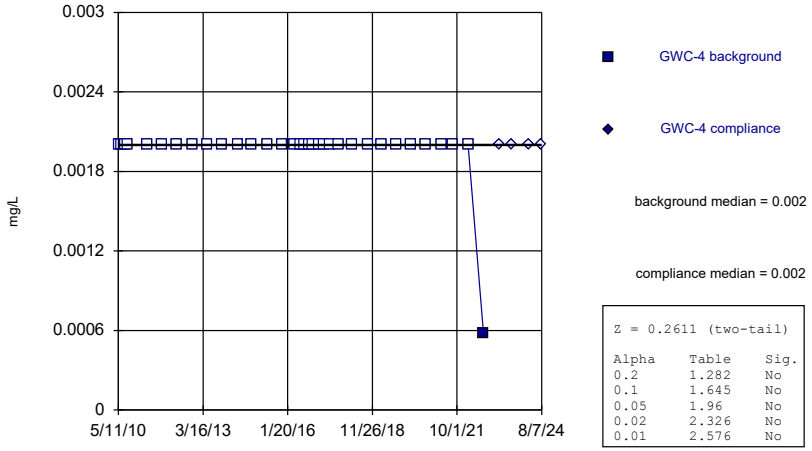
Alpha	Table	Sig.
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0.1	1.645	Yes
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Antimony Analysis Run 6/18/2025 4:00 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-4



Z = 0.2611 (two-tail)

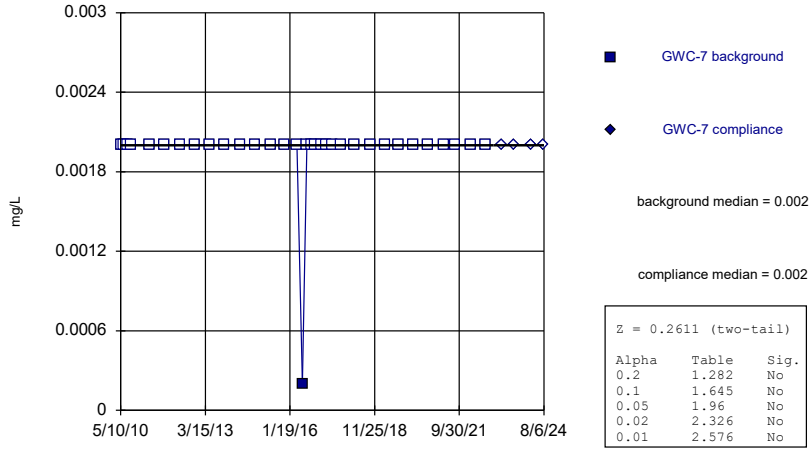
Alpha	Table	Sig.
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0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Antimony Analysis Run 6/18/2025 4:00 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-7



Z = 0.2611 (two-tail)

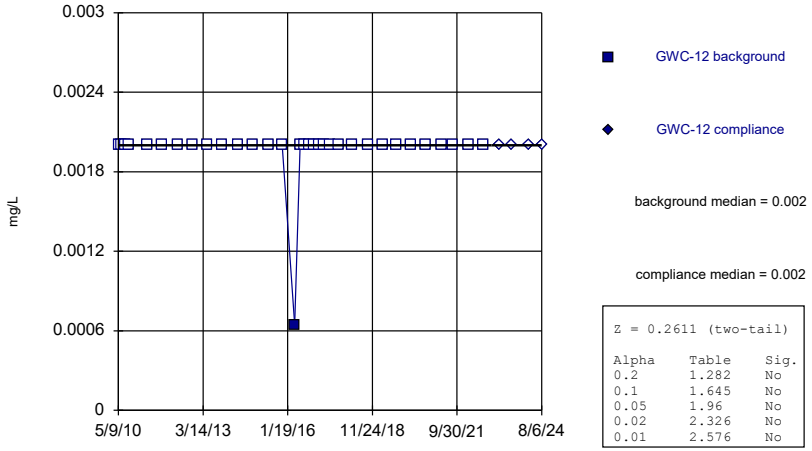
Alpha	Table	Sig.
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0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Antimony Analysis Run 6/18/2025 4:00 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-12



Z = 0.2611 (two-tail)

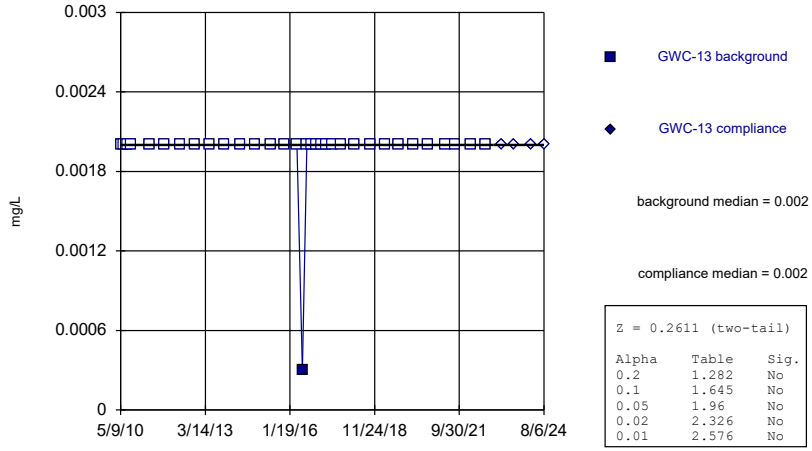
Alpha	Table	Sig.
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0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Antimony Analysis Run 6/18/2025 4:00 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-13



Z = 0.2611 (two-tail)

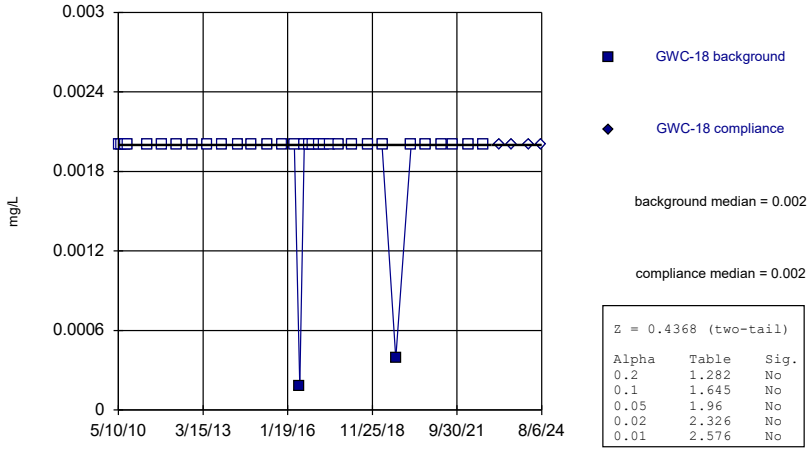
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Antimony Analysis Run 6/18/2025 4:00 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-18



Z = 0.4368 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

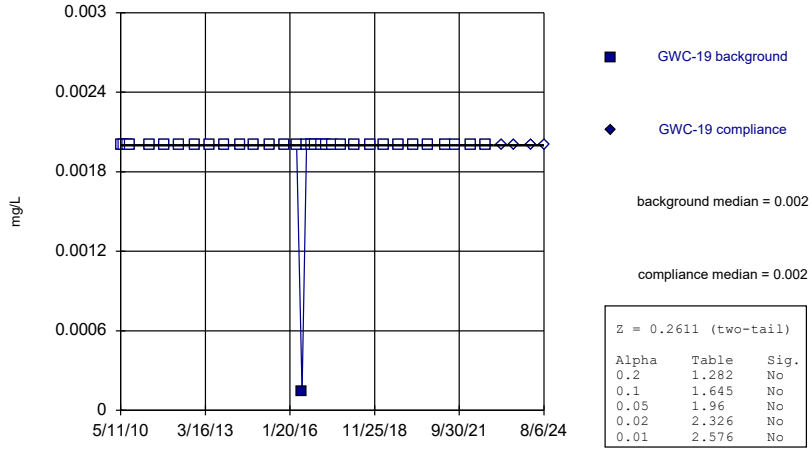
Constituent: Antimony Analysis Run 6/18/2025 4:00 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-19



Z = 0.2611 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

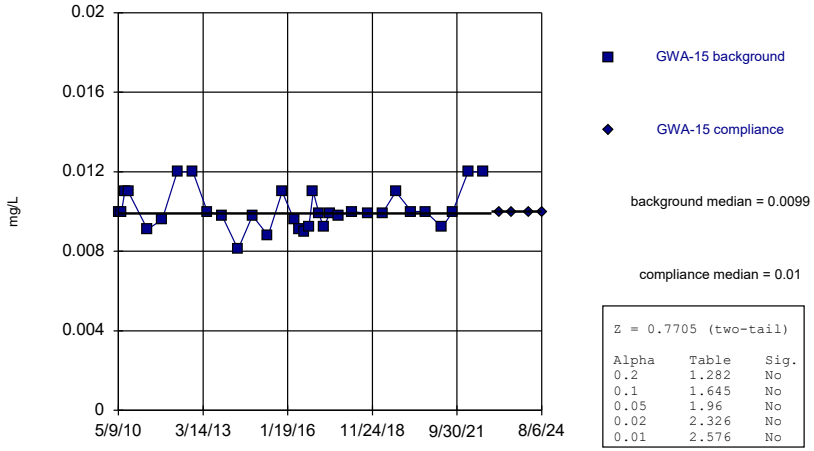
Constituent: Antimony Analysis Run 6/18/2025 4:00 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWA-15 (bg)



Z = 0.7705 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

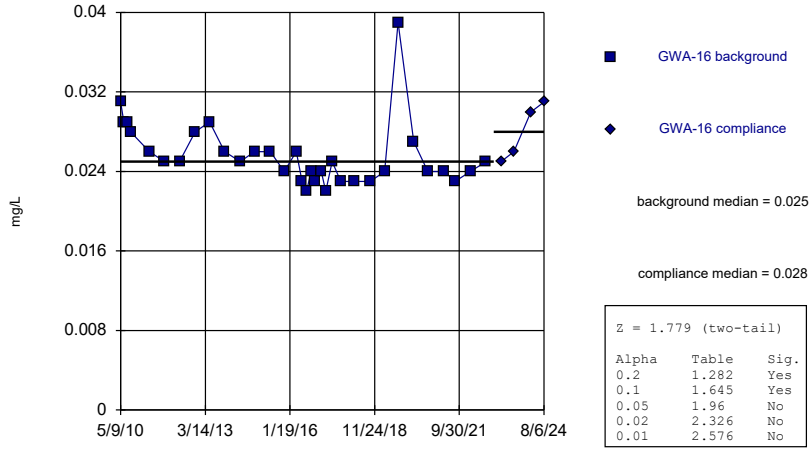
Constituent: Barium Analysis Run 6/18/2025 4:00 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWA-16 (bg)



Z = 1.779 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

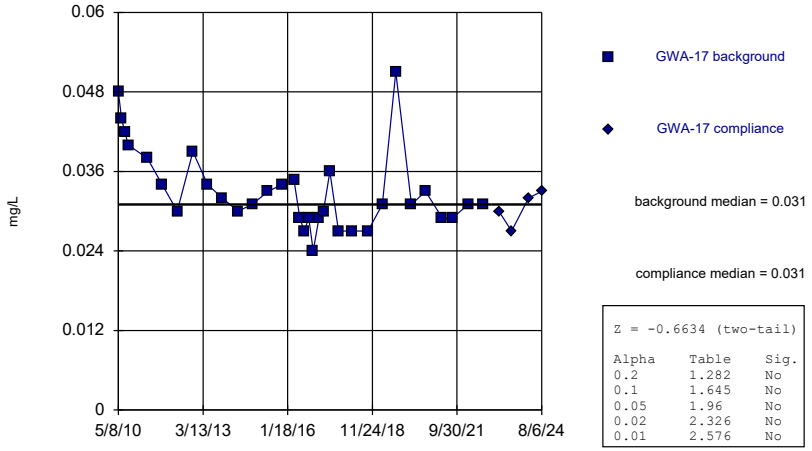
Constituent: Barium Analysis Run 6/18/2025 4:00 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWA-17 (bg)



Z = -0.6634 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

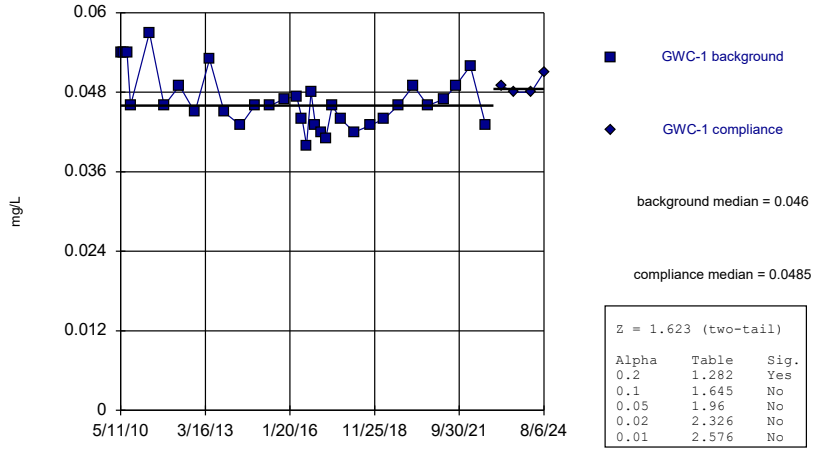
Constituent: Barium Analysis Run 6/18/2025 4:00 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-1



background median = 0.046

compliance median = 0.0485

Z = 1.623 (two-tail)

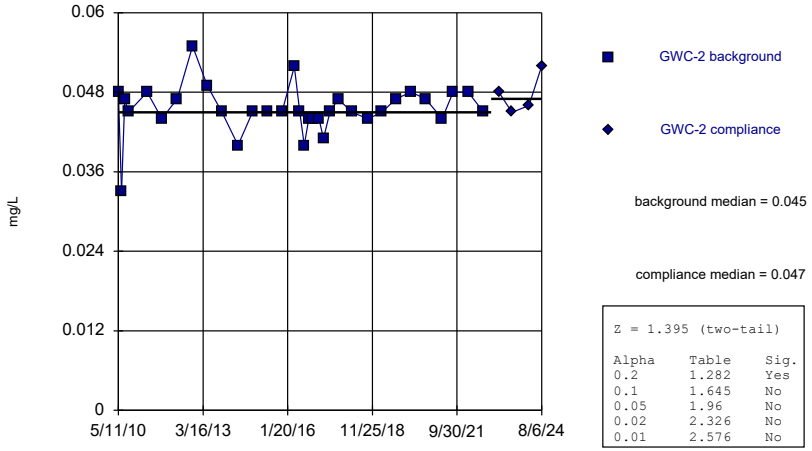
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Barium Analysis Run 6/18/2025 4:00 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-2



background median = 0.045

compliance median = 0.047

Z = 1.395 (two-tail)

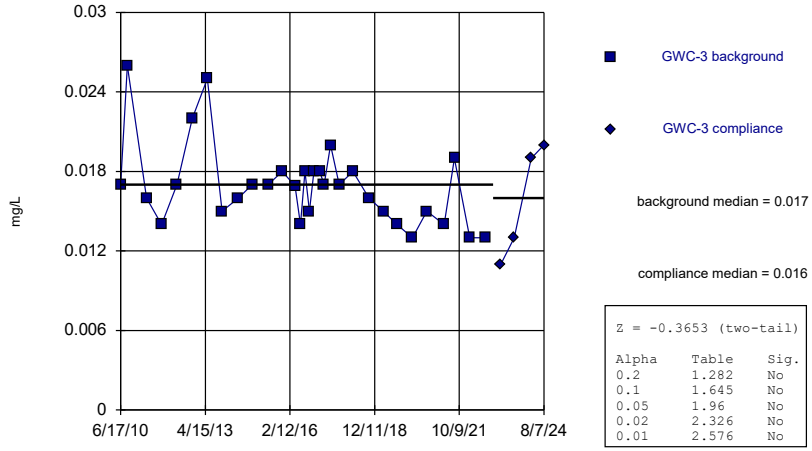
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Barium Analysis Run 6/18/2025 4:00 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-3



background median = 0.017

compliance median = 0.016

Z = -0.3653 (two-tail)

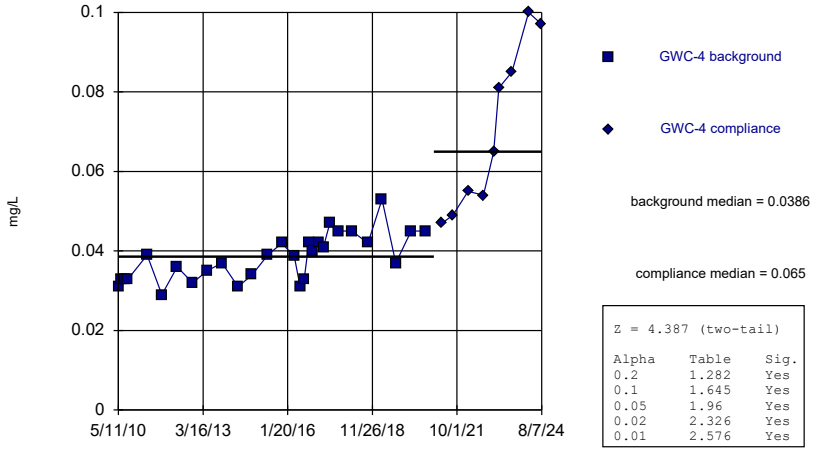
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Barium Analysis Run 6/18/2025 4:00 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-4



background median = 0.0386

compliance median = 0.065

Z = 4.387 (two-tail)

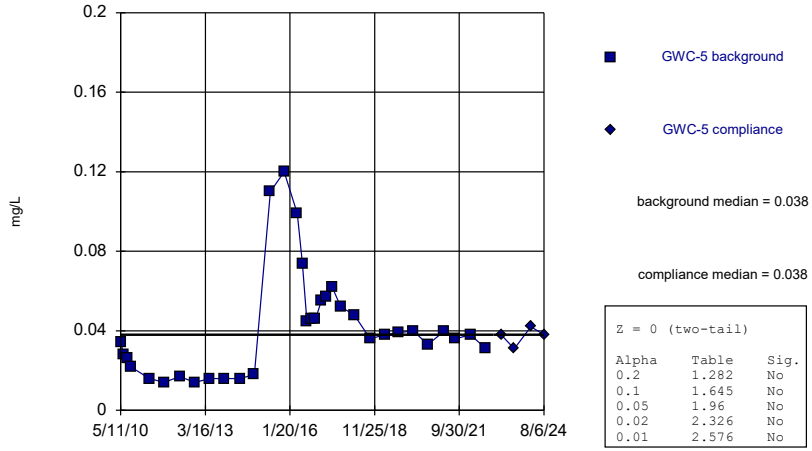
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Barium Analysis Run 6/18/2025 4:00 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-5



background median = 0.038

compliance median = 0.038

Z = 0 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

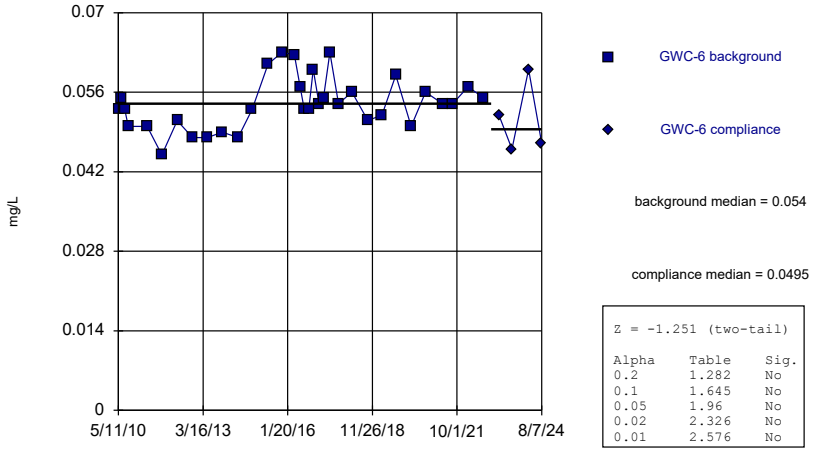
Constituent: Barium Analysis Run 6/18/2025 4:00 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-6



background median = 0.054

compliance median = 0.0495

Z = -1.251 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

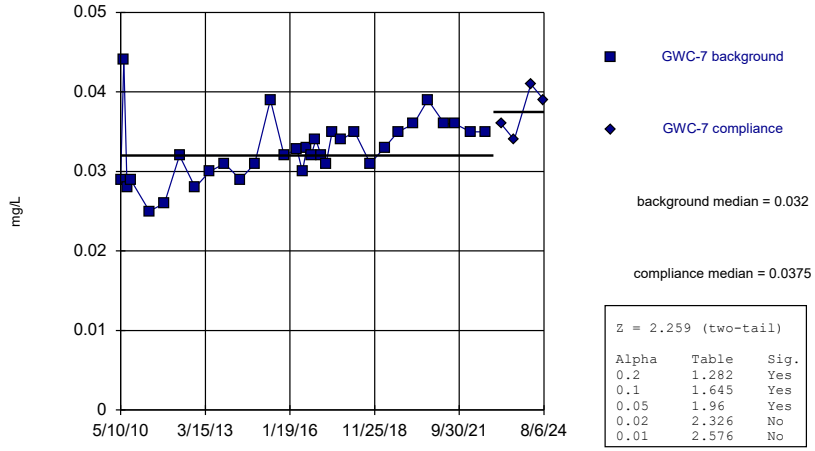
Constituent: Barium Analysis Run 6/18/2025 4:00 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-7



background median = 0.032

compliance median = 0.0375

Z = 2.259 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	No
0.01	2.576	No

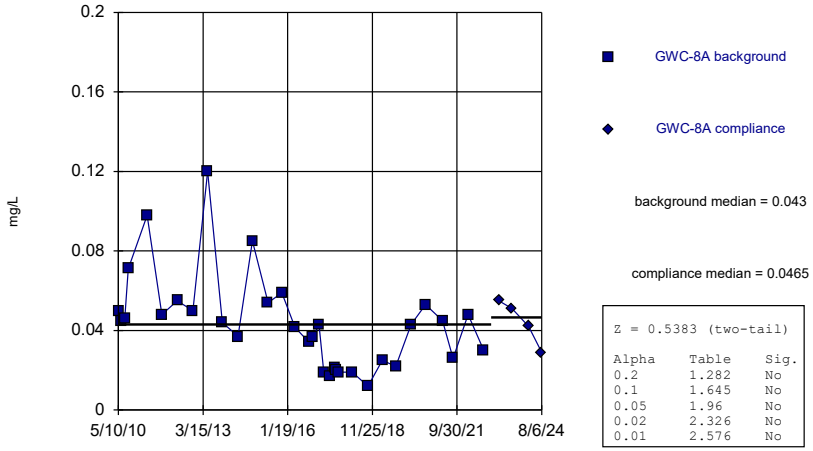
Constituent: Barium Analysis Run 6/18/2025 4:00 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-8A



background median = 0.043

compliance median = 0.0465

Z = 0.5383 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

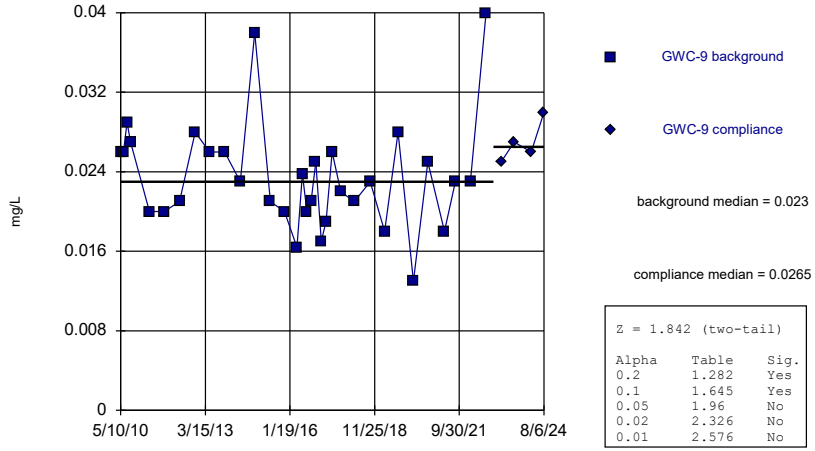
Constituent: Barium Analysis Run 6/18/2025 4:00 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-9



Z = 1.842 (two-tail)

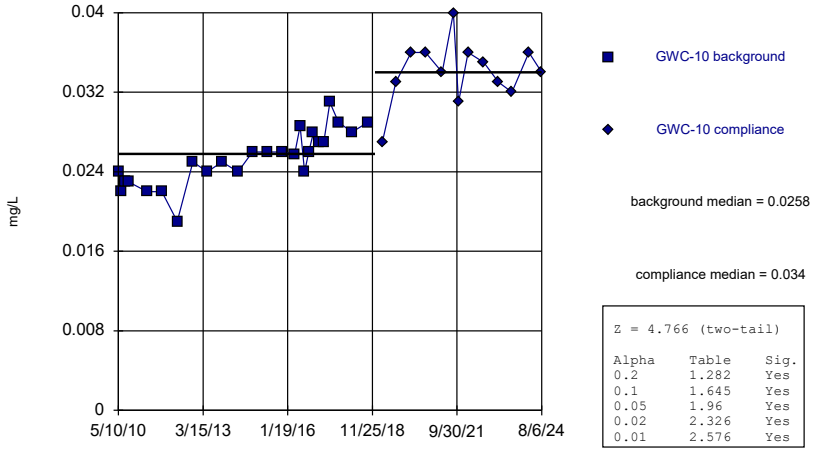
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Barium Analysis Run 6/18/2025 4:00 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-10



Z = 4.766 (two-tail)

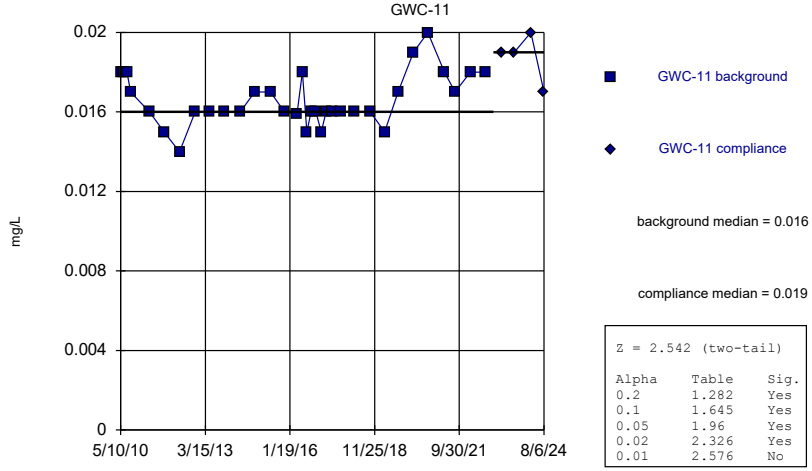
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Barium Analysis Run 6/18/2025 4:00 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-11



Z = 2.542 (two-tail)

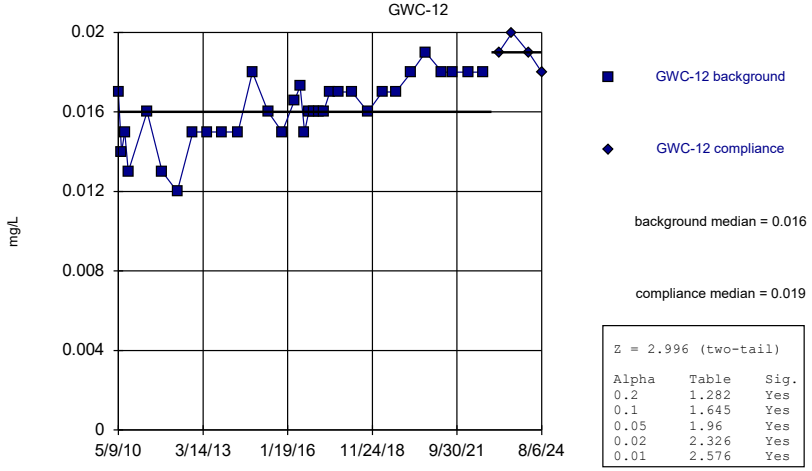
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	No

Constituent: Barium Analysis Run 6/18/2025 4:00 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-12



Z = 2.996 (two-tail)

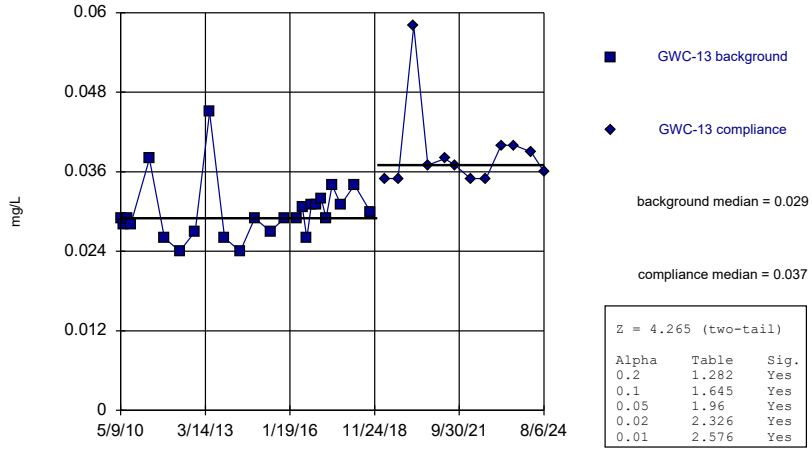
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Barium Analysis Run 6/18/2025 4:00 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-13



Z = 4.265 (two-tail)

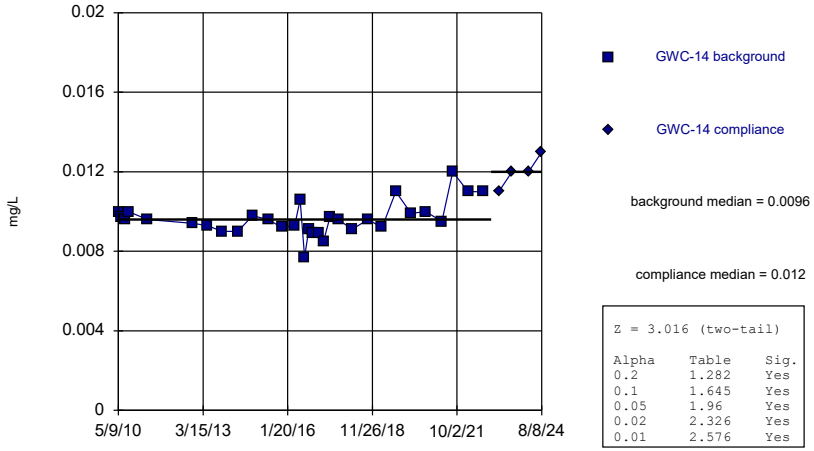
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Barium Analysis Run 6/18/2025 4:00 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-14



Z = 3.016 (two-tail)

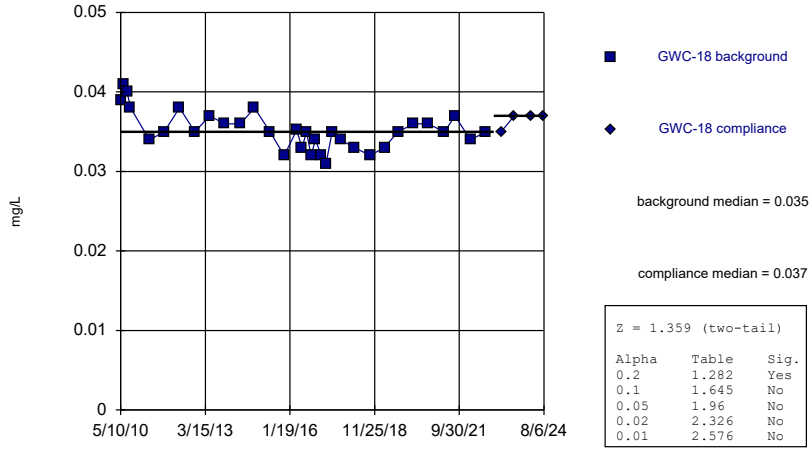
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Barium Analysis Run 6/18/2025 4:00 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-18



Z = 1.359 (two-tail)

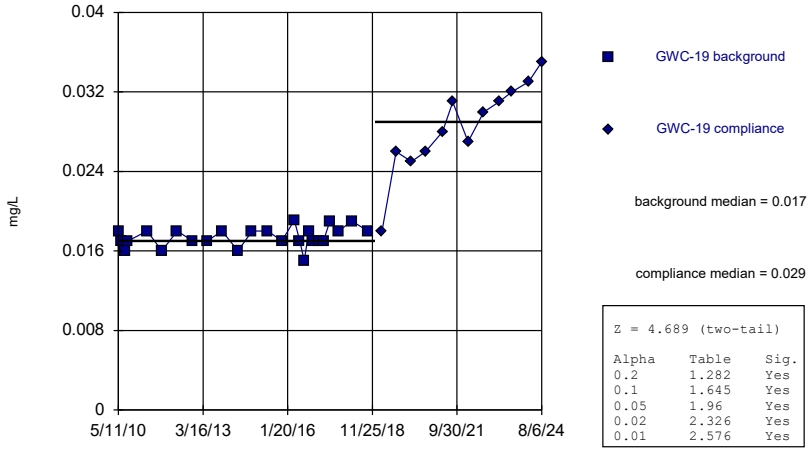
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Barium Analysis Run 6/18/2025 4:00 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-19



Z = 4.689 (two-tail)

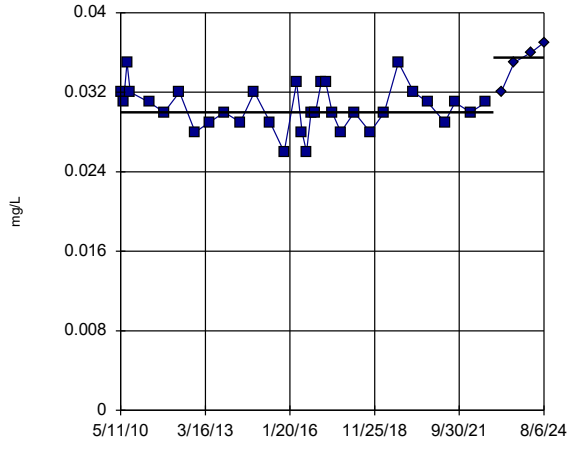
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Barium Analysis Run 6/18/2025 4:00 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-20



GWC-20 background

GWC-20 compliance

background median = 0.03

compliance median = 0.0355

Z = 2.816 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Barium Analysis Run 6/18/2025 4:01 PM View: Appendix I & III Mann-Whitney

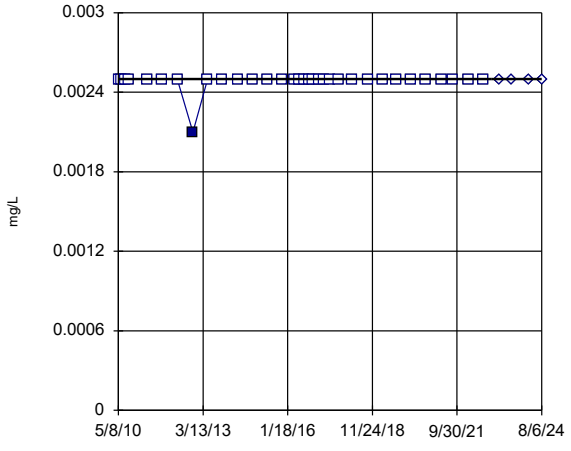
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-17 (bg)



GWA-17 background

GWA-17 compliance

background median = 0.0025

compliance median = 0.0025

Z = 0.2611 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Beryllium Analysis Run 6/18/2025 4:01 PM View: Appendix I & III Mann-Whitney

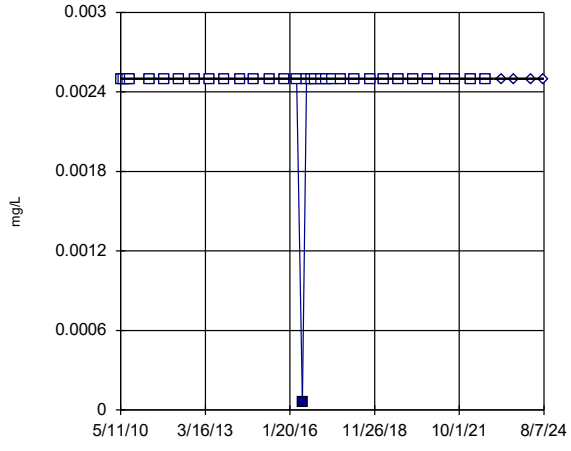
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-3



GWC-3 background

GWC-3 compliance

background median = 0.0025

compliance median = 0.0025

Z = 0.2611 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Beryllium Analysis Run 6/18/2025 4:01 PM View: Appendix I & III Mann-Whitney

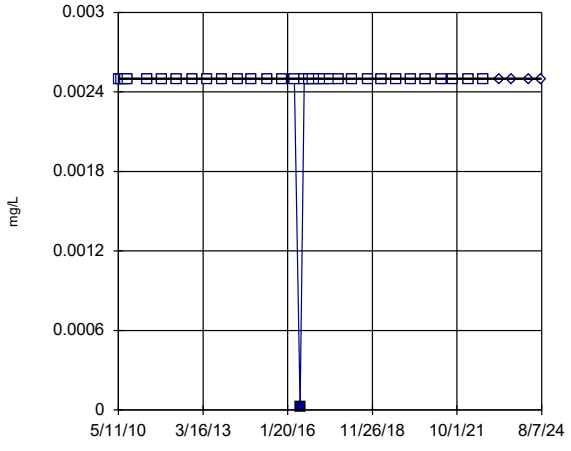
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-4



GWC-4 background

GWC-4 compliance

background median = 0.0025

compliance median = 0.0025

Z = 0.2611 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

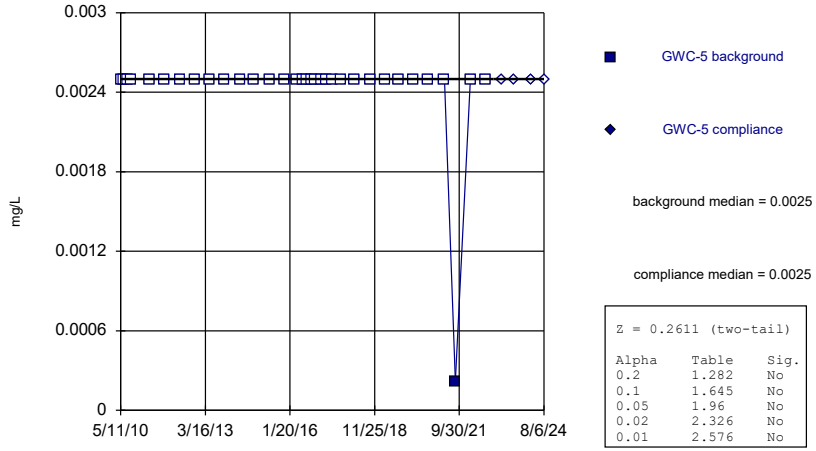
Constituent: Beryllium Analysis Run 6/18/2025 4:01 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-5



Z = 0.2611 (two-tail)

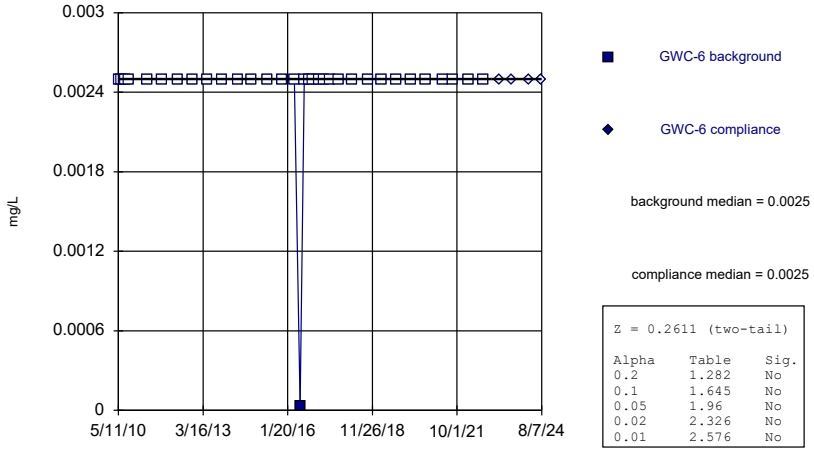
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Beryllium Analysis Run 6/18/2025 4:01 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-6



Z = 0.2611 (two-tail)

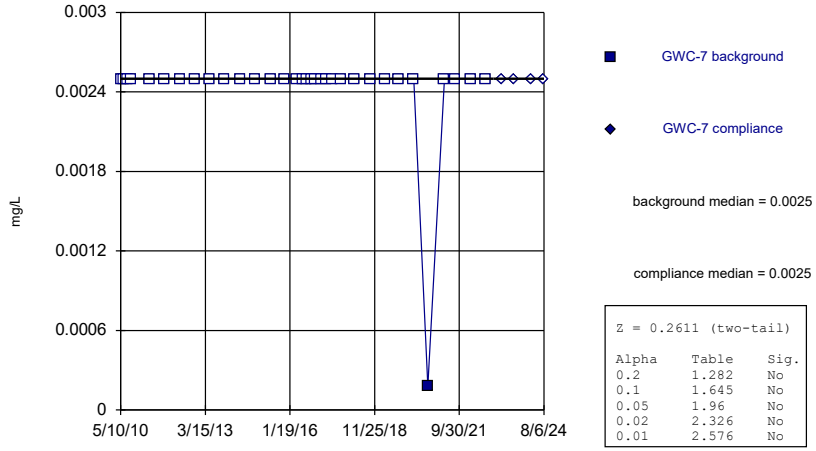
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Beryllium Analysis Run 6/18/2025 4:01 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-7



Z = 0.2611 (two-tail)

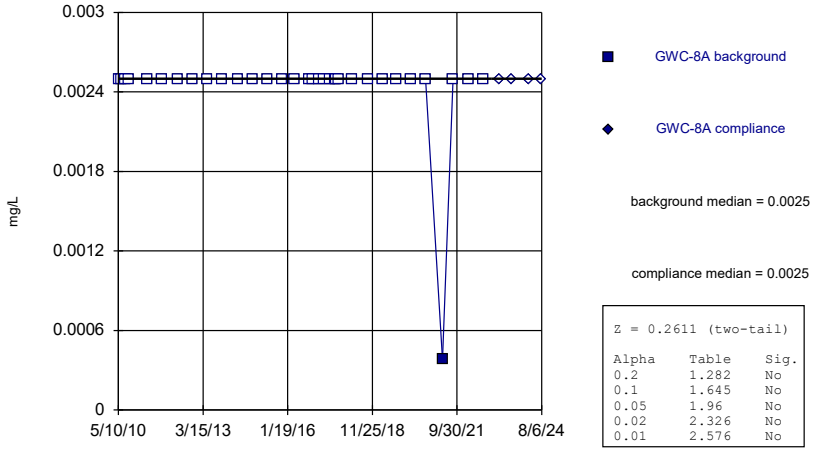
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Beryllium Analysis Run 6/18/2025 4:01 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-8A



Z = 0.2611 (two-tail)

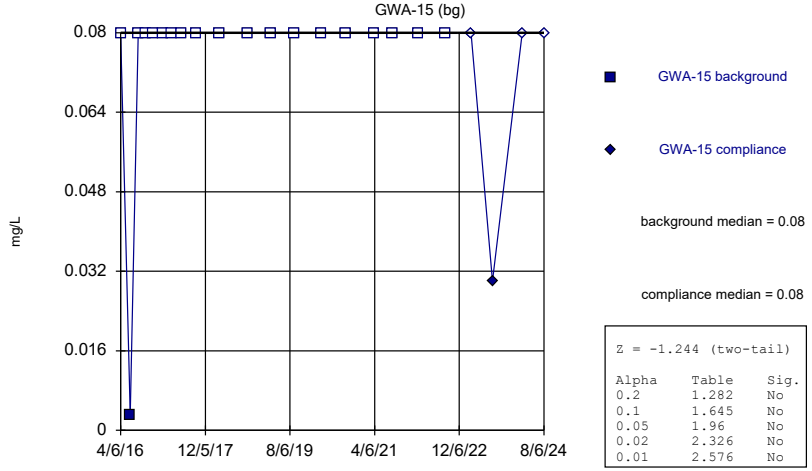
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Beryllium Analysis Run 6/18/2025 4:01 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-15 (bg)



Z = -1.244 (two-tail)

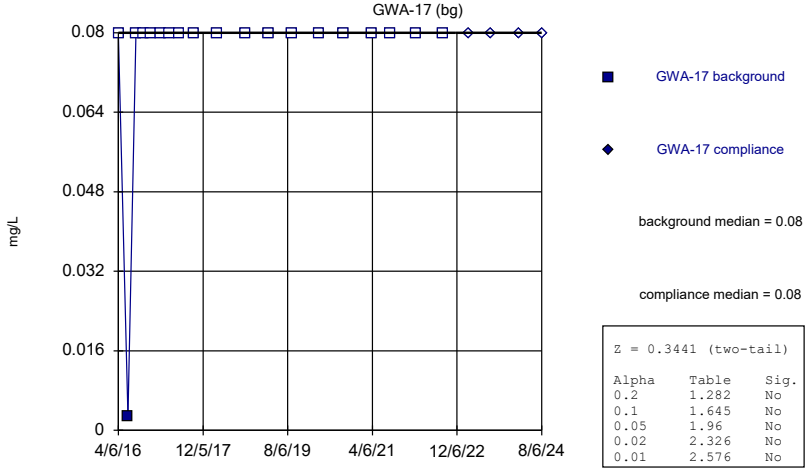
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Boron Analysis Run 6/18/2025 4:01 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-17 (bg)



Z = 0.3441 (two-tail)

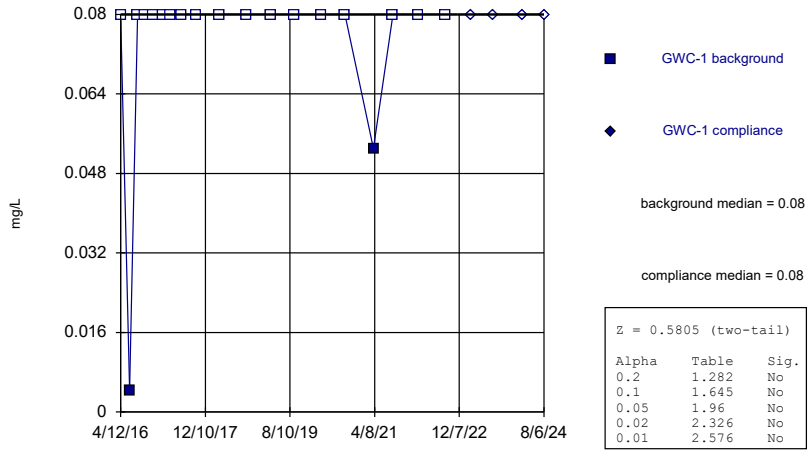
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Boron Analysis Run 6/18/2025 4:01 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-1



Z = 0.5805 (two-tail)

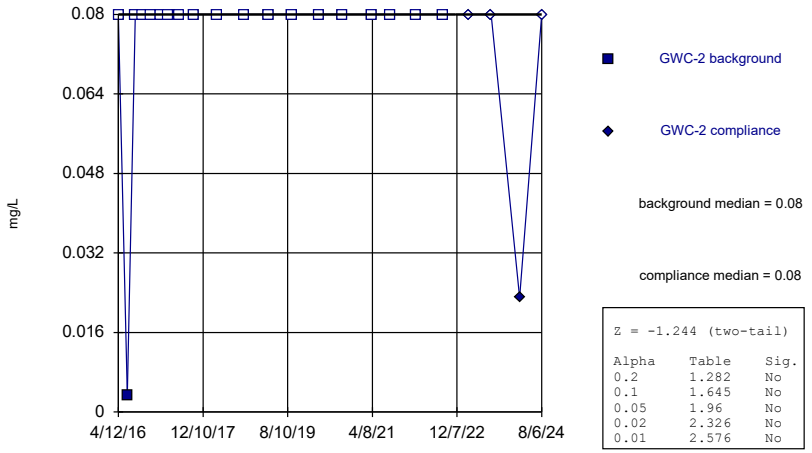
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Boron Analysis Run 6/18/2025 4:01 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-2



Z = -1.244 (two-tail)

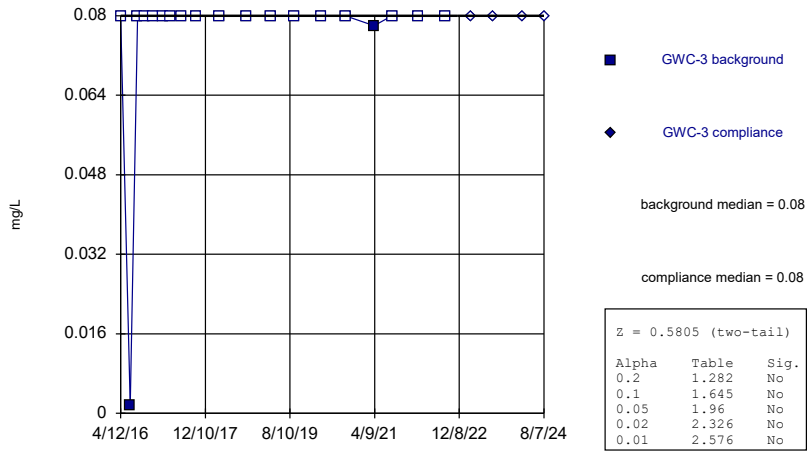
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Boron Analysis Run 6/18/2025 4:01 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-3



Z = 0.5805 (two-tail)

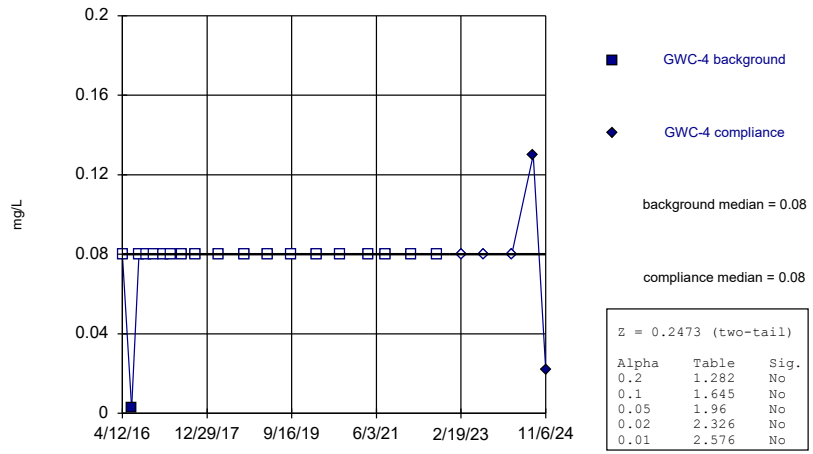
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Boron Analysis Run 6/18/2025 4:01 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-4



Z = 0.2473 (two-tail)

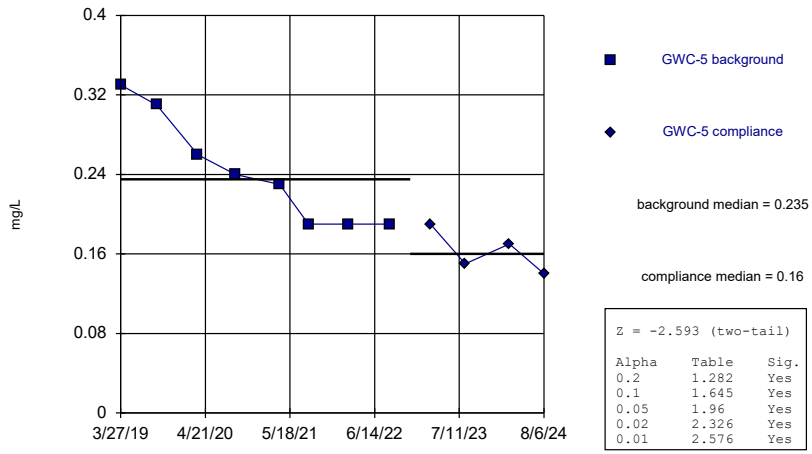
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Boron Analysis Run 6/18/2025 4:01 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-5



Z = -2.593 (two-tail)

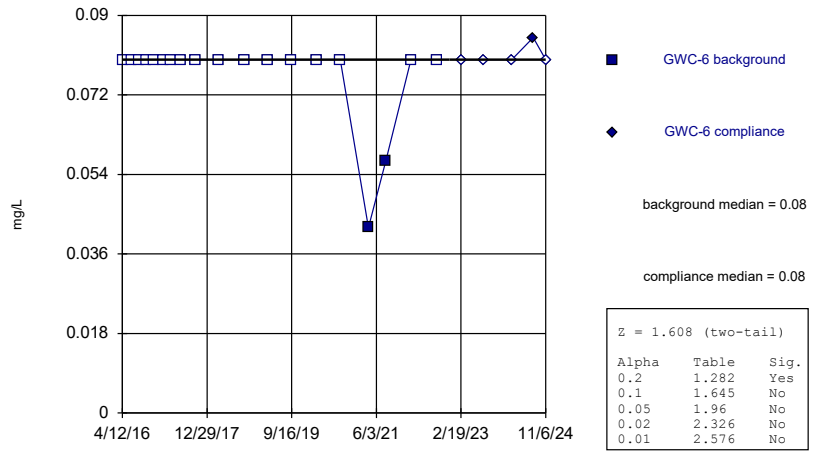
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Boron Analysis Run 6/18/2025 4:01 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-6



Z = 1.608 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

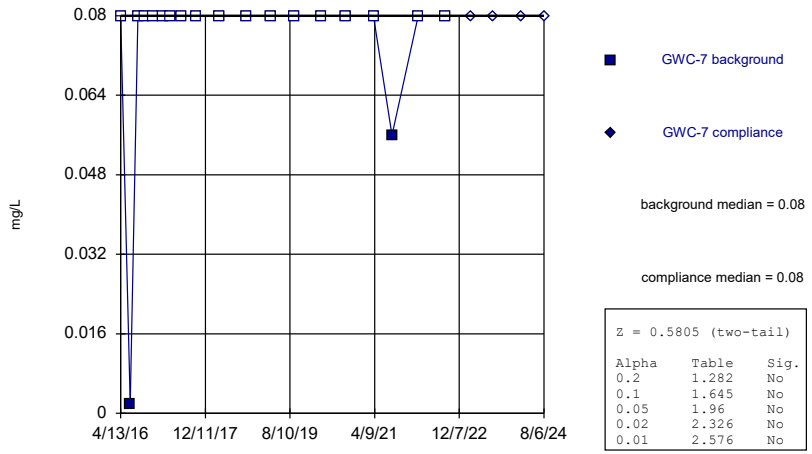
Constituent: Boron Analysis Run 6/18/2025 4:01 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-7



Z = 0.5805 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

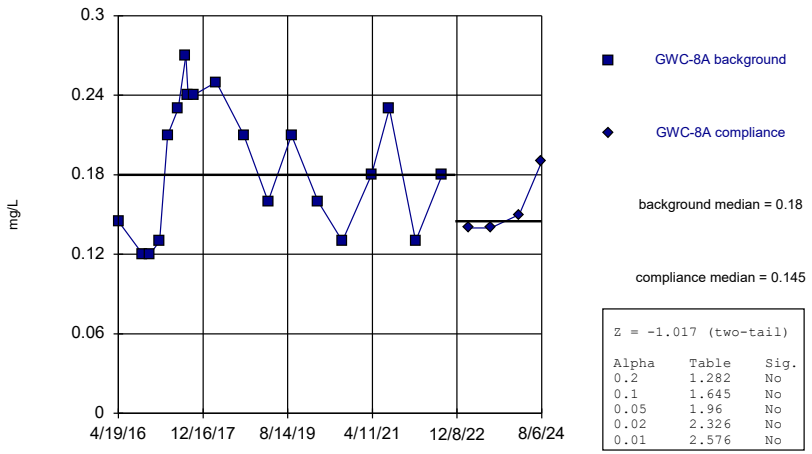
Constituent: Boron Analysis Run 6/18/2025 4:01 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Mann-Whitney (Wilcoxon Rank Sum)

GWC-8A



Z = -1.017 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

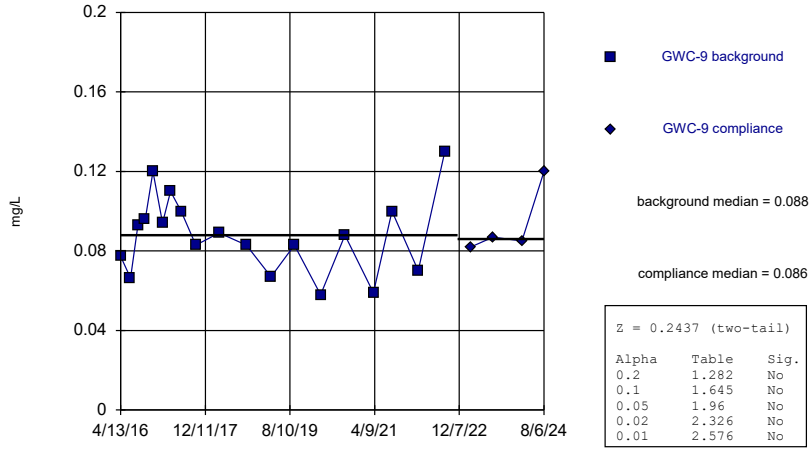
Constituent: Boron Analysis Run 6/18/2025 4:01 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Mann-Whitney (Wilcoxon Rank Sum)

GWC-9



Z = 0.2437 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Boron Analysis Run 6/18/2025 4:01 PM View: Appendix I & III Mann-Whitney

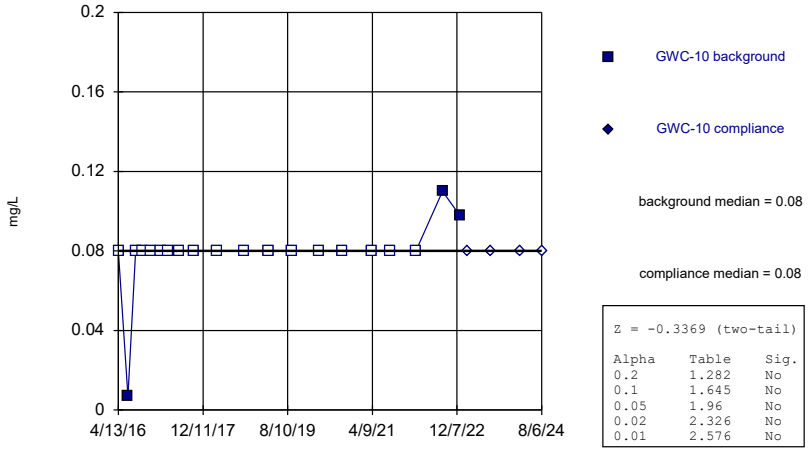
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-10



Z = -0.3369 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

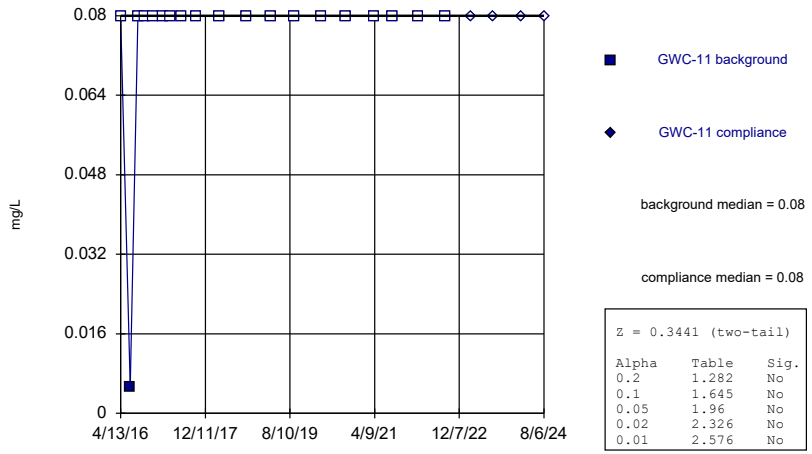
Constituent: Boron Analysis Run 6/18/2025 4:01 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-11



Z = 0.3441 (two-tail)

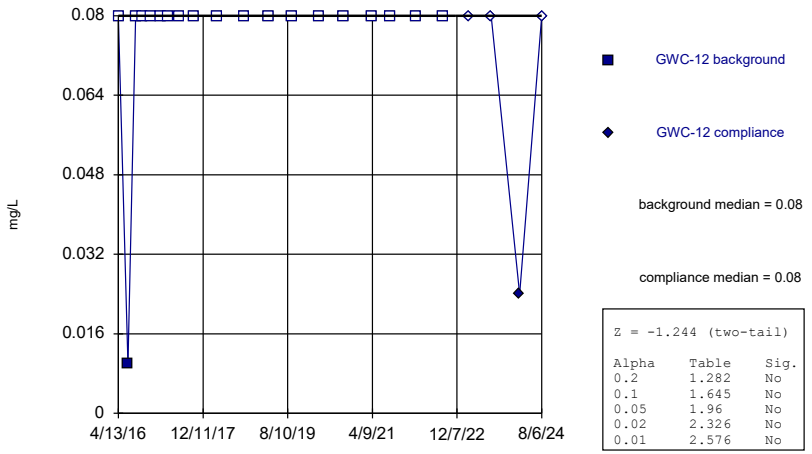
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Boron Analysis Run 6/18/2025 4:01 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-12



Z = -1.244 (two-tail)

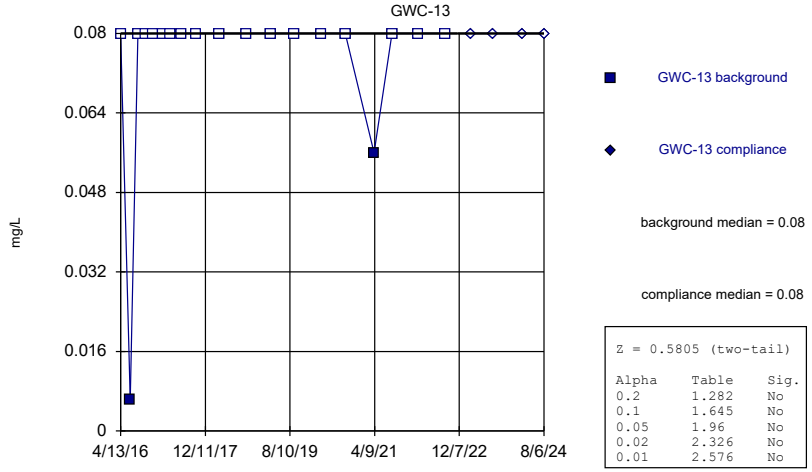
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Boron Analysis Run 6/18/2025 4:01 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-13



Z = 0.5805 (two-tail)

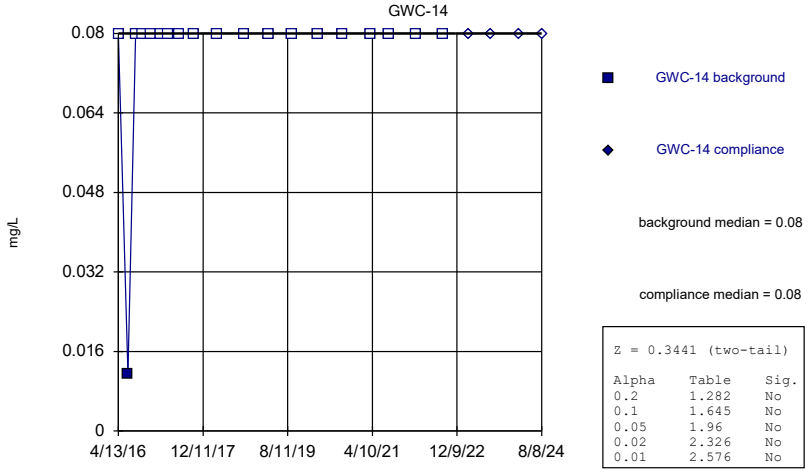
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Boron Analysis Run 6/18/2025 4:01 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-14



Z = 0.3441 (two-tail)

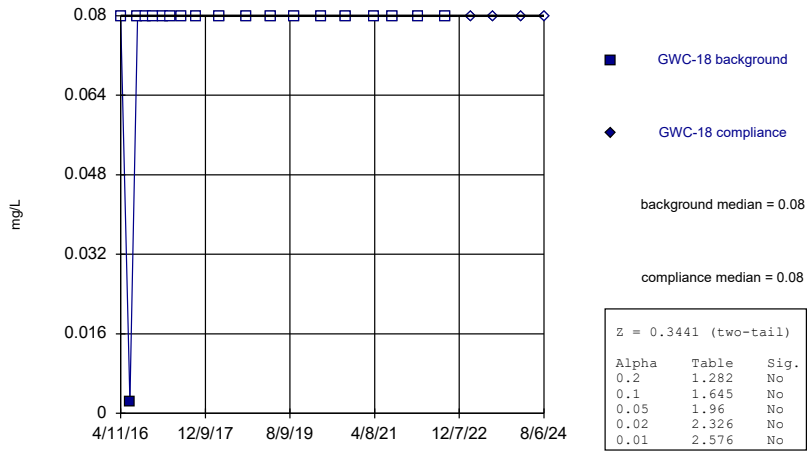
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Boron Analysis Run 6/18/2025 4:01 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-18



Z = 0.3441 (two-tail)

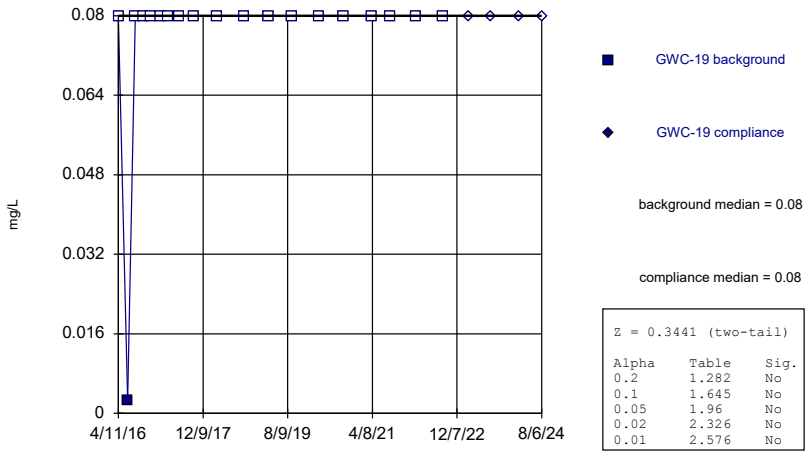
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Boron Analysis Run 6/18/2025 4:01 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-19



Z = 0.3441 (two-tail)

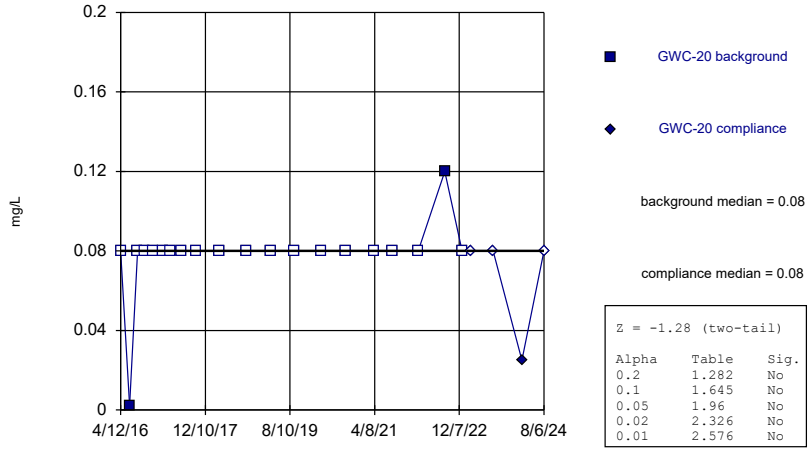
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Boron Analysis Run 6/18/2025 4:01 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-20



Z = -1.28 (two-tail)

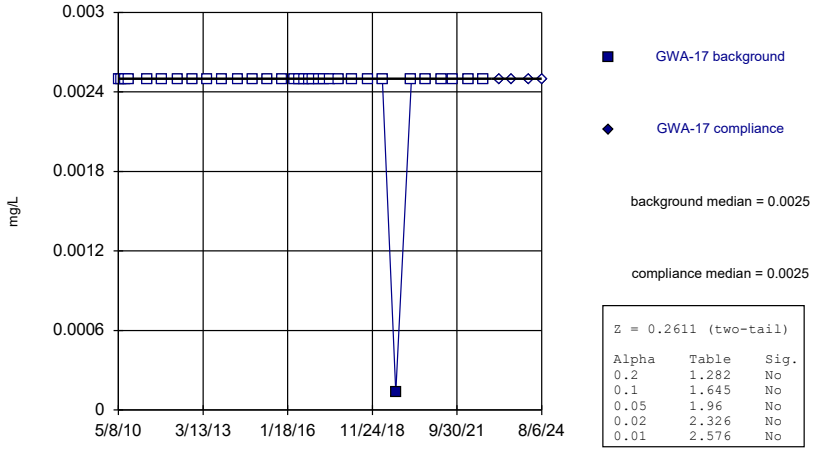
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Boron Analysis Run 6/18/2025 4:01 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-17 (bg)



Z = 0.2611 (two-tail)

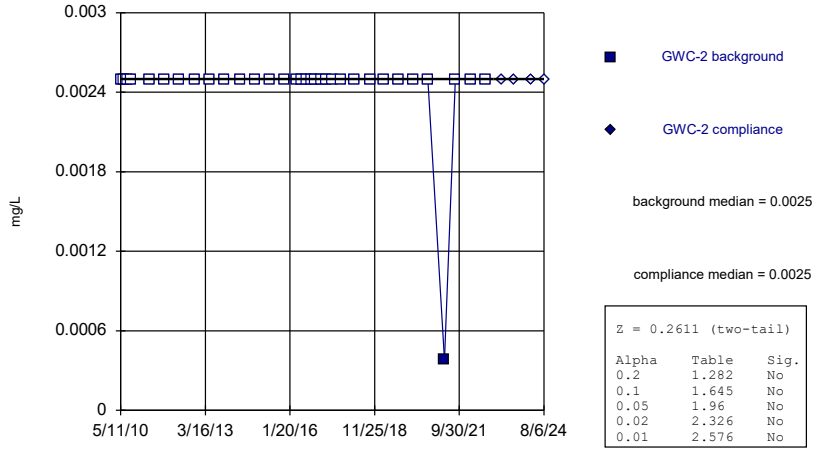
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Cadmium Analysis Run 6/18/2025 4:01 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-2



Z = 0.2611 (two-tail)

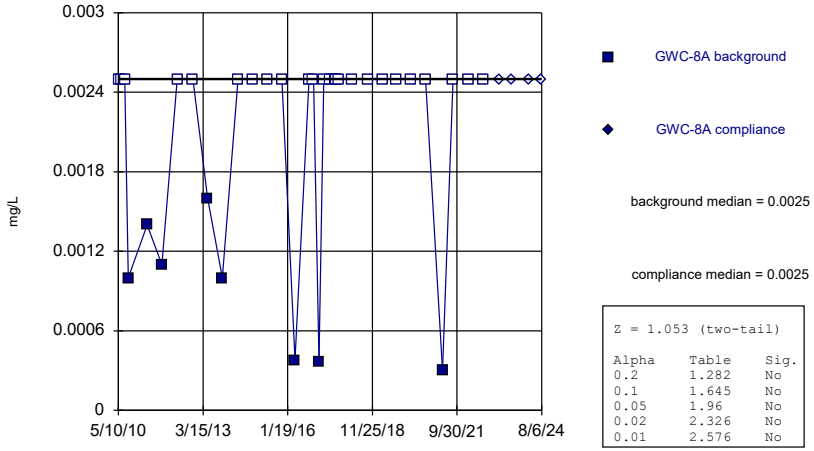
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Cadmium Analysis Run 6/18/2025 4:01 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-8A



Z = 1.053 (two-tail)

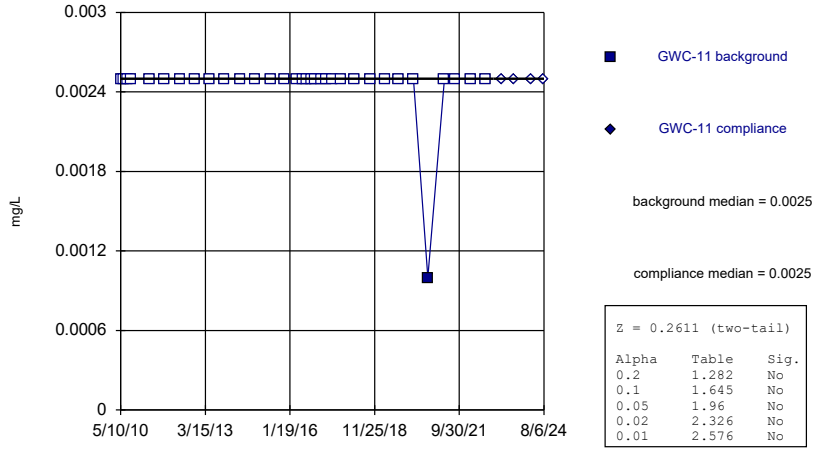
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Cadmium Analysis Run 6/18/2025 4:01 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-11



Z = 0.2611 (two-tail)

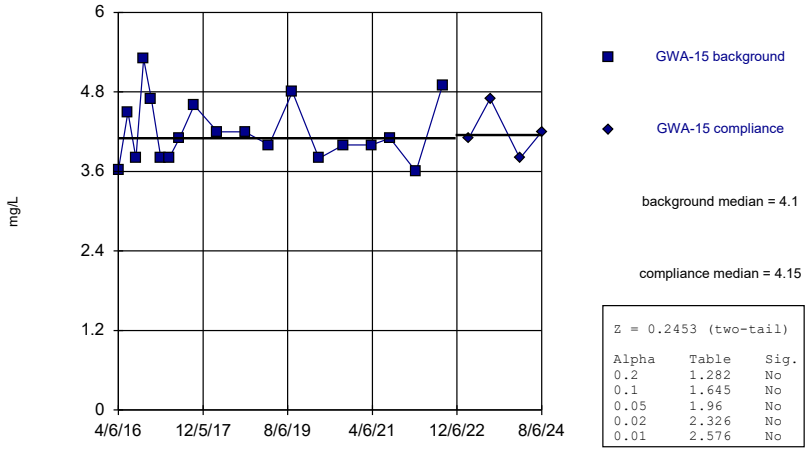
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Cadmium Analysis Run 6/18/2025 4:01 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Mann-Whitney (Wilcoxon Rank Sum)

GWA-15 (bg)



Z = 0.2453 (two-tail)

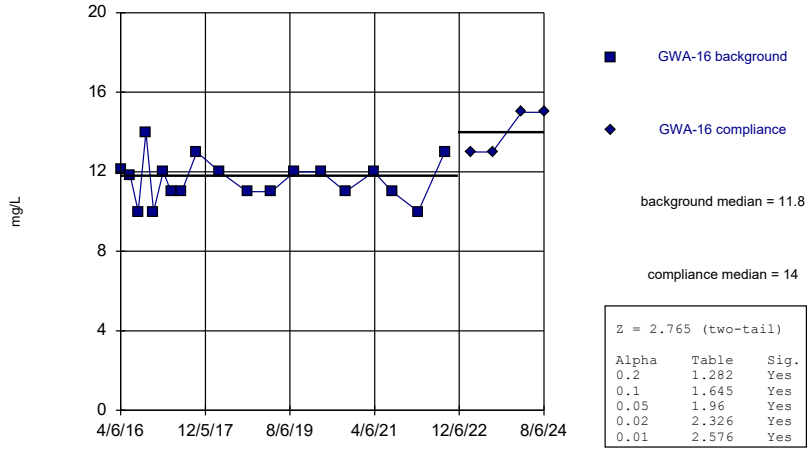
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Calcium Analysis Run 6/18/2025 4:02 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Mann-Whitney (Wilcoxon Rank Sum)

GWA-16 (bg)

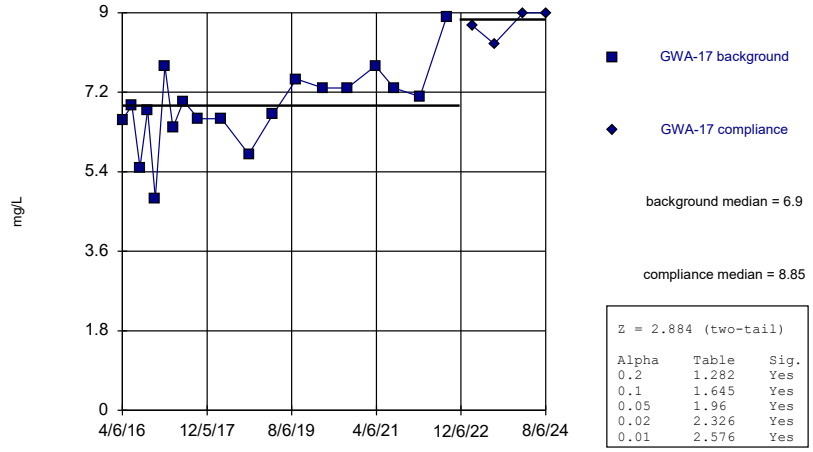


Constituent: Calcium Analysis Run 6/18/2025 4:02 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Mann-Whitney (Wilcoxon Rank Sum)

GWA-17 (bg)

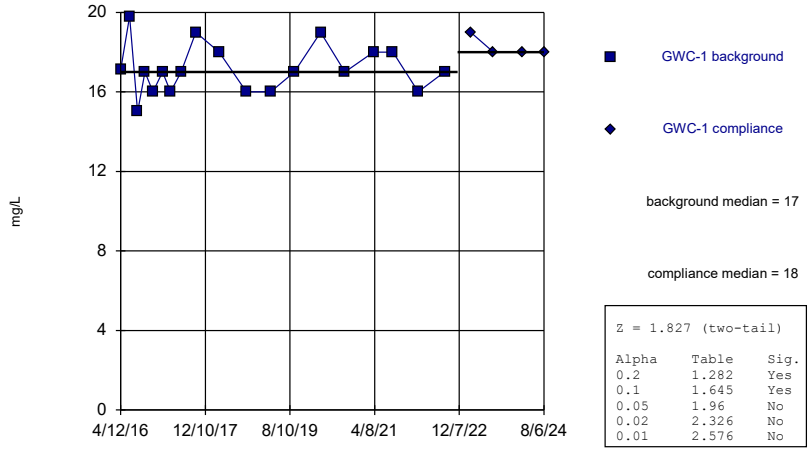


Constituent: Calcium Analysis Run 6/18/2025 4:02 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Mann-Whitney (Wilcoxon Rank Sum)

GWC-1

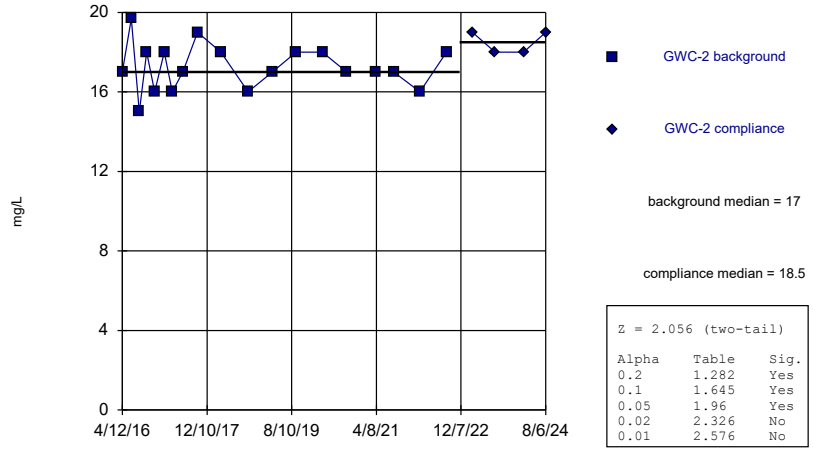


Constituent: Calcium Analysis Run 6/18/2025 4:02 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-2

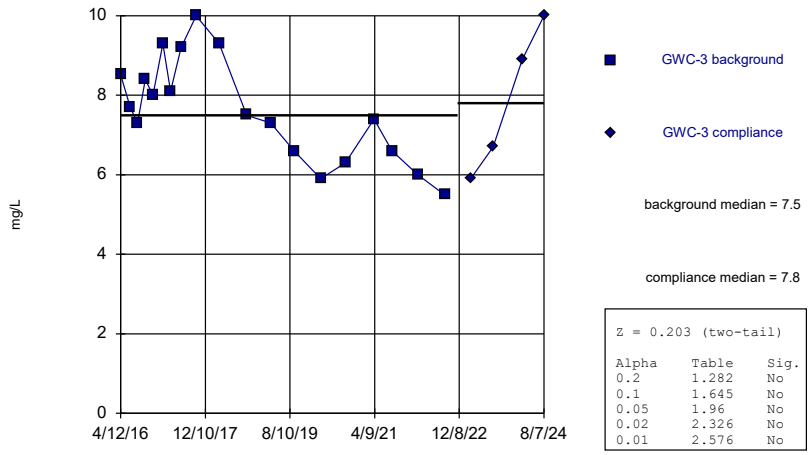


Constituent: Calcium Analysis Run 6/18/2025 4:02 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-3



Z = 0.203 (two-tail)

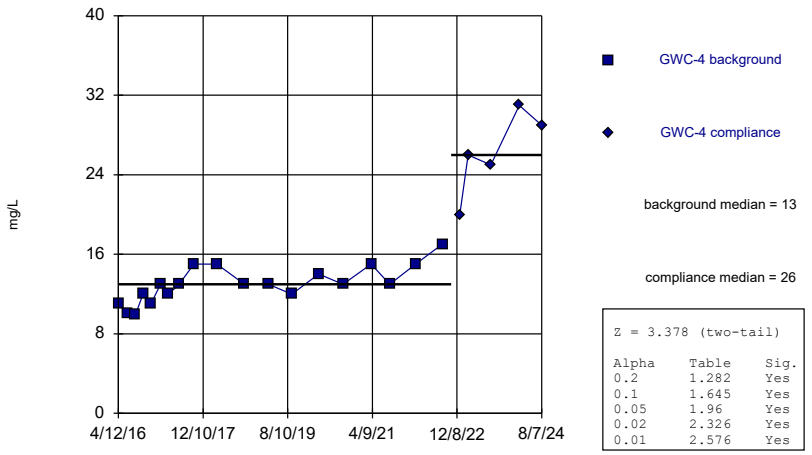
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Calcium Analysis Run 6/18/2025 4:02 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-4



Z = 3.378 (two-tail)

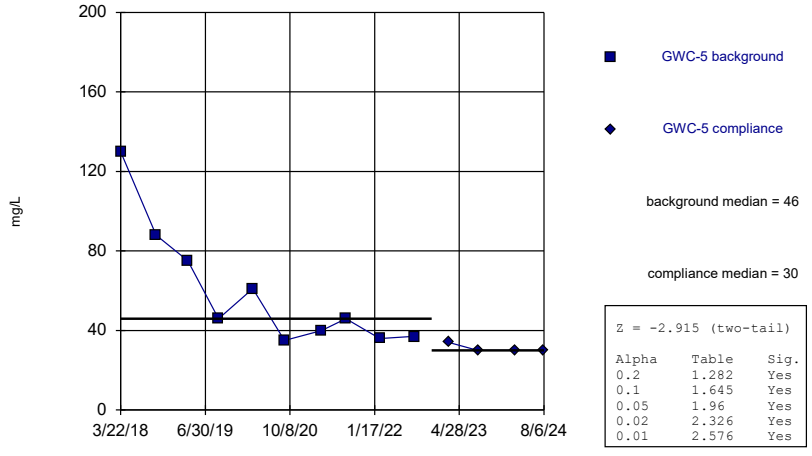
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Calcium Analysis Run 6/18/2025 4:02 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-5



Z = -2.915 (two-tail)

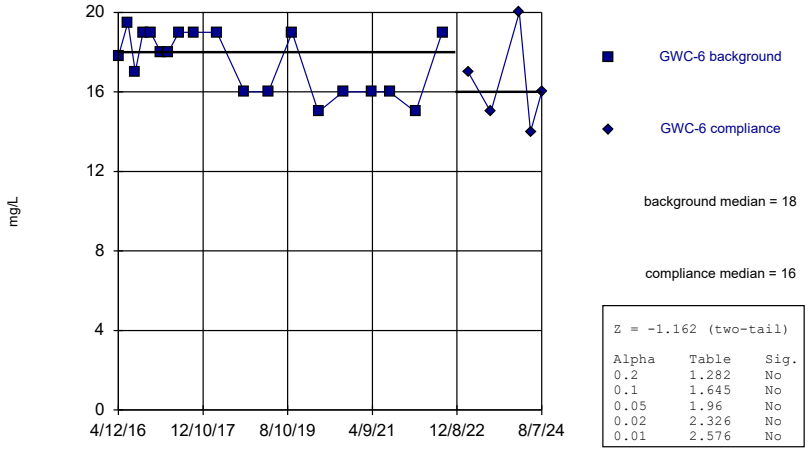
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Calcium Analysis Run 6/18/2025 4:02 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-6



Z = -1.162 (two-tail)

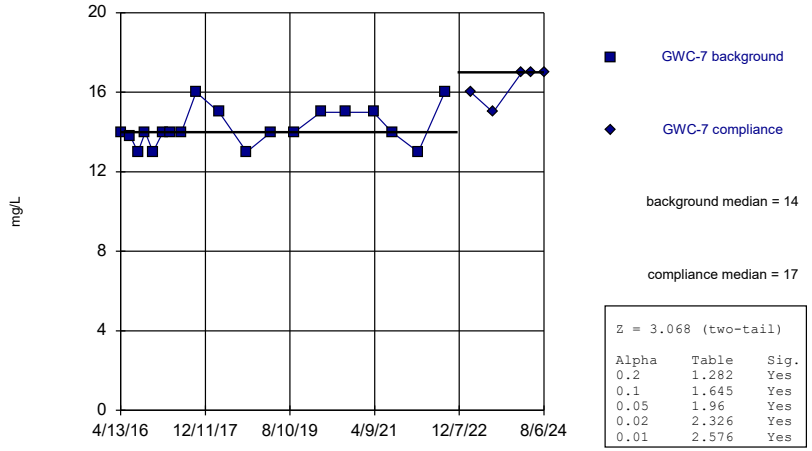
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Calcium Analysis Run 6/18/2025 4:02 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-7



Z = 3.068 (two-tail)

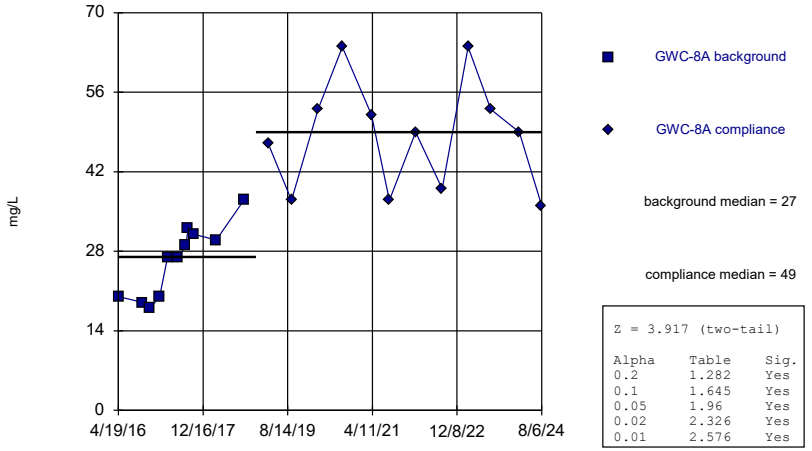
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Calcium Analysis Run 6/18/2025 4:02 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-8A



Z = 3.917 (two-tail)

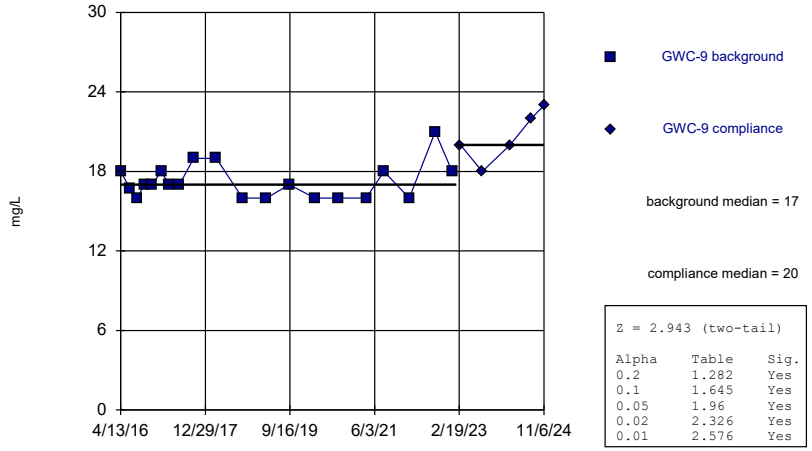
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Calcium Analysis Run 6/18/2025 4:02 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-9



Z = 2.943 (two-tail)

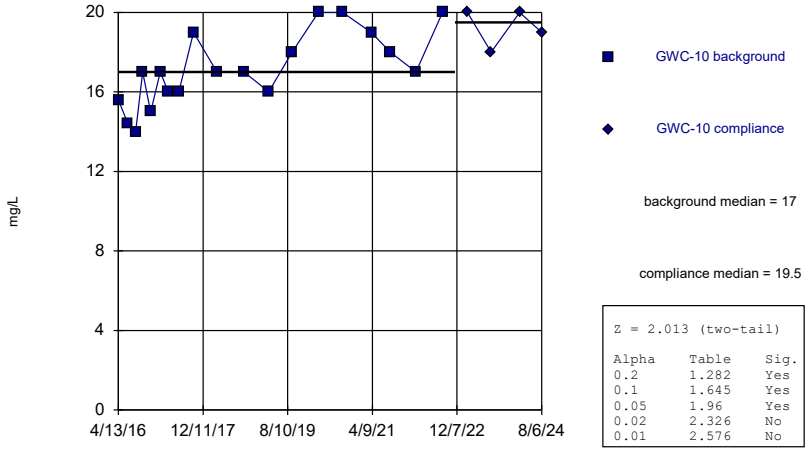
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Calcium Analysis Run 6/18/2025 4:02 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-10



Z = 2.013 (two-tail)

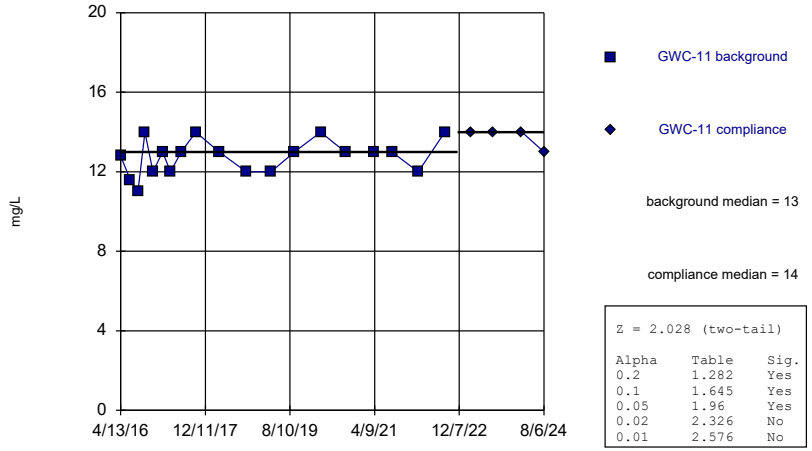
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	No
0.01	2.576	No

Constituent: Calcium Analysis Run 6/18/2025 4:02 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-11



Z = 2.028 (two-tail)

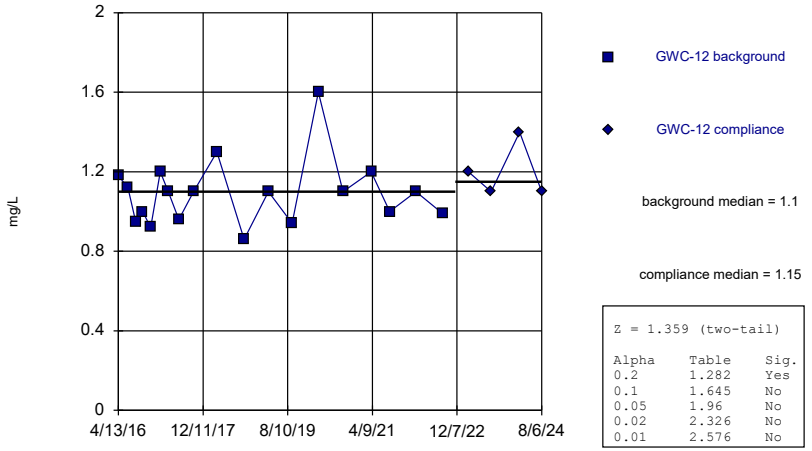
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	No
0.01	2.576	No

Constituent: Calcium Analysis Run 6/18/2025 4:02 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-12



Z = 1.359 (two-tail)

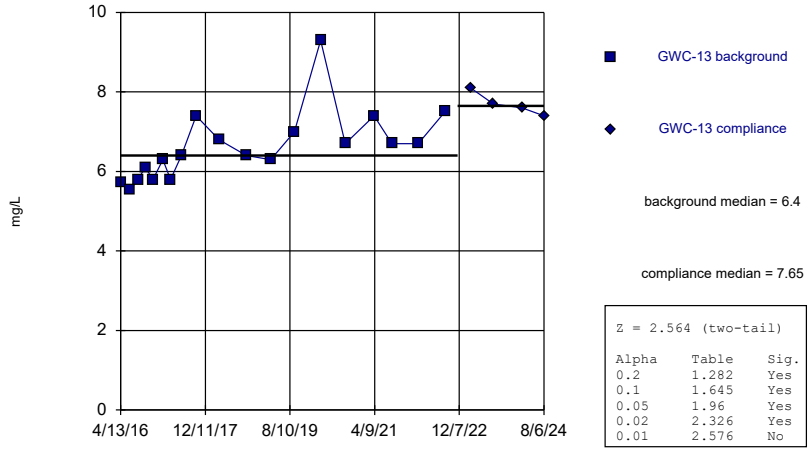
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Calcium Analysis Run 6/18/2025 4:02 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-13



Z = 2.564 (two-tail)

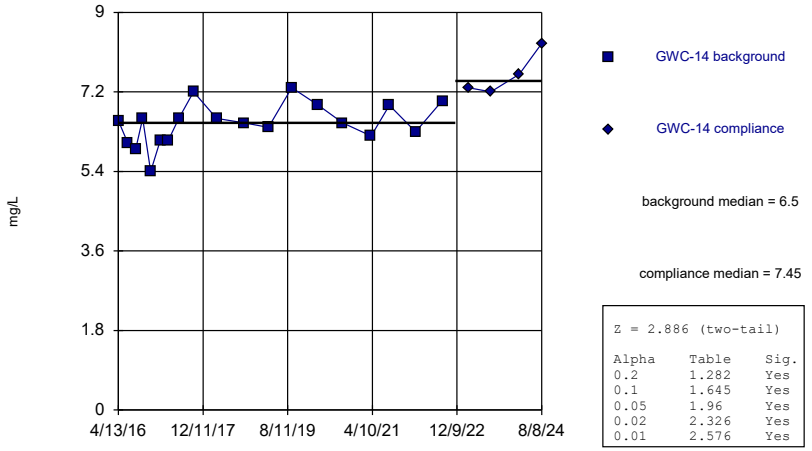
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	No

Constituent: Calcium Analysis Run 6/18/2025 4:02 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-14



Z = 2.886 (two-tail)

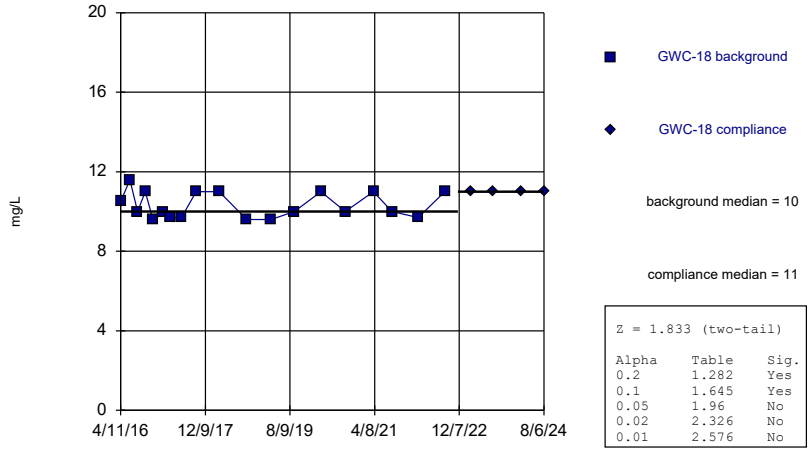
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Calcium Analysis Run 6/18/2025 4:02 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-18



Z = 1.833 (two-tail)

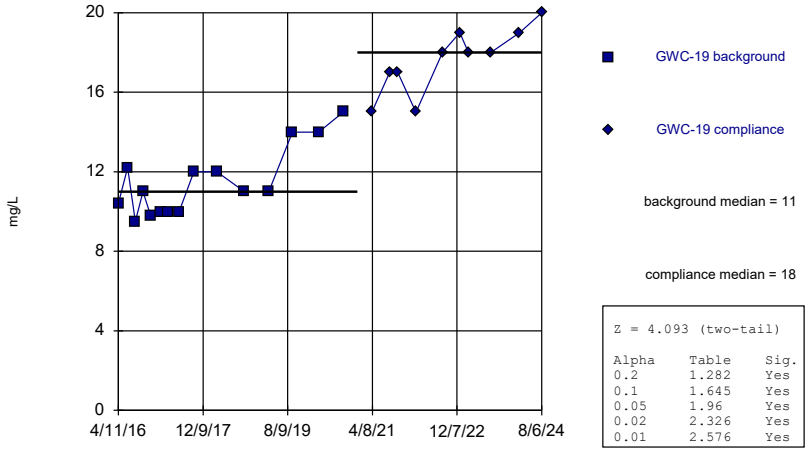
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Calcium Analysis Run 6/18/2025 4:02 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-19



Z = 4.093 (two-tail)

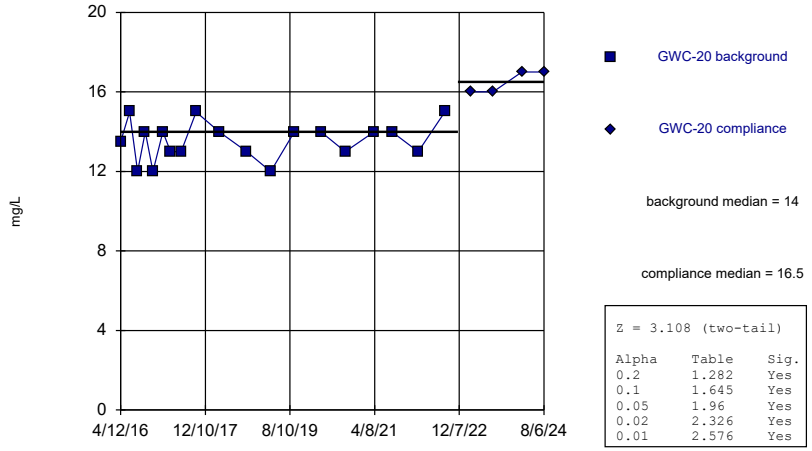
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Calcium Analysis Run 6/18/2025 4:02 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-20



Z = 3.108 (two-tail)

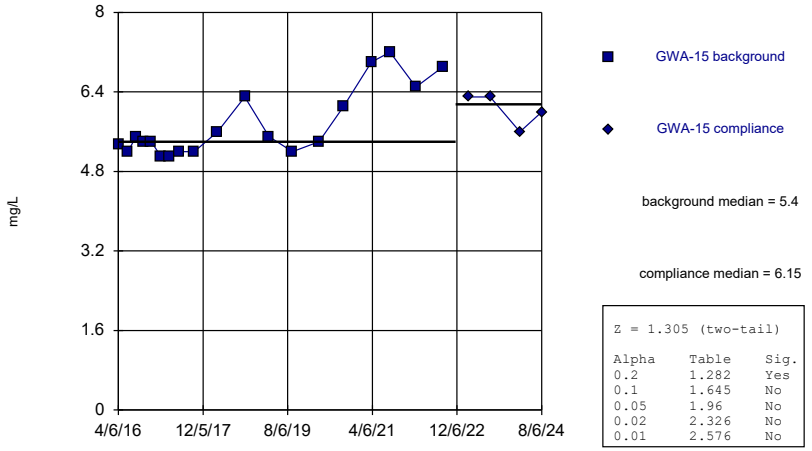
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Calcium Analysis Run 6/18/2025 4:02 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWA-15 (bg)



Z = 1.305 (two-tail)

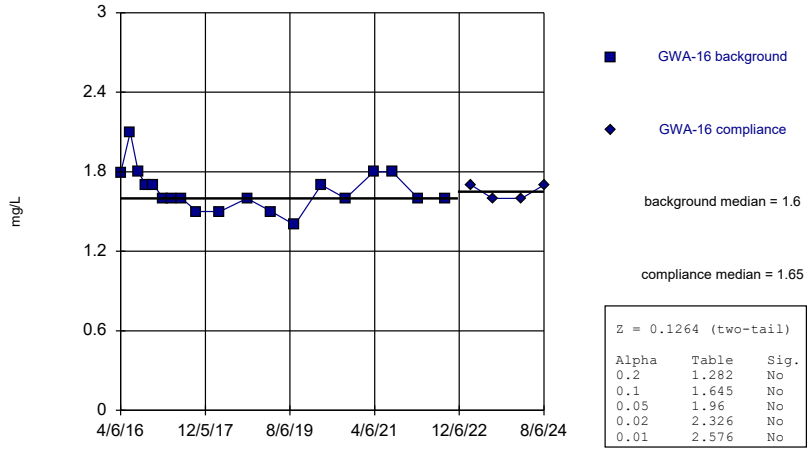
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Chloride Analysis Run 6/18/2025 4:02 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWA-16 (bg)



Z = 0.1264 (two-tail)

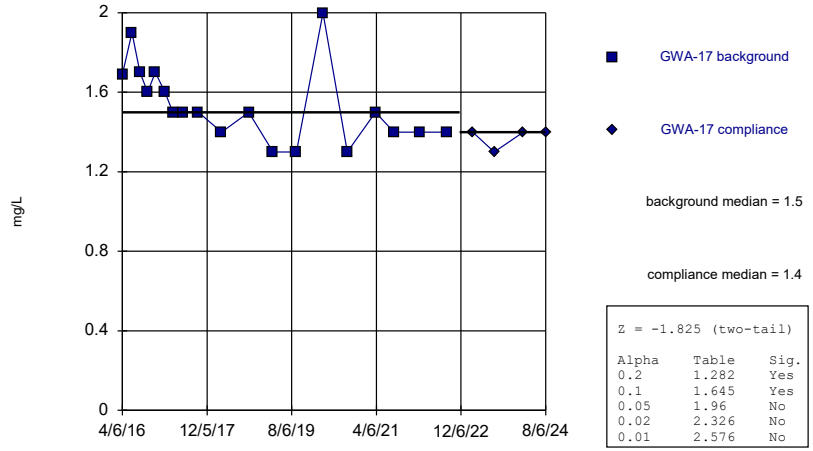
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Chloride Analysis Run 6/18/2025 4:02 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWA-17 (bg)



Z = -1.825 (two-tail)

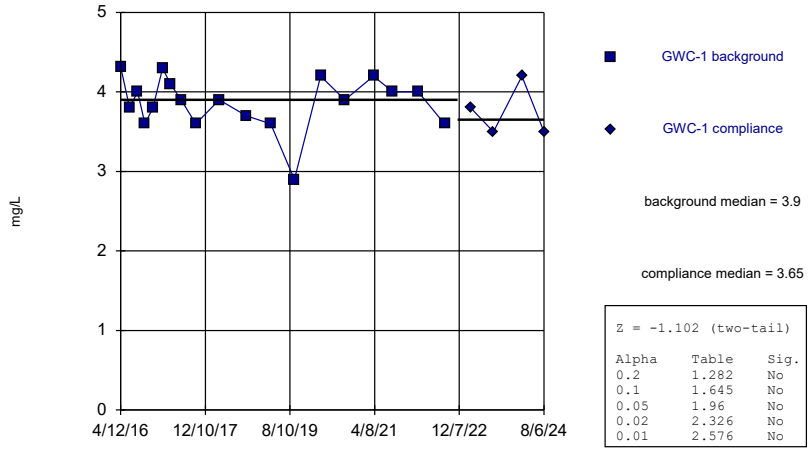
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Chloride Analysis Run 6/18/2025 4:02 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-1



Z = -1.102 (two-tail)

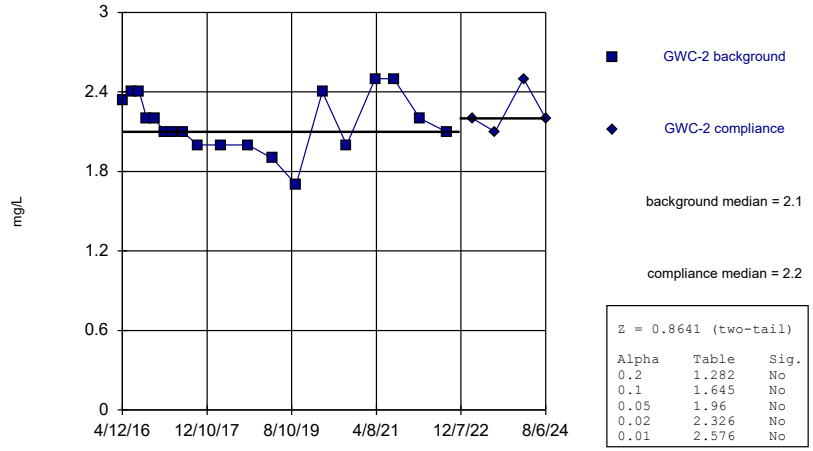
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Chloride Analysis Run 6/18/2025 4:02 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-2



Z = 0.8641 (two-tail)

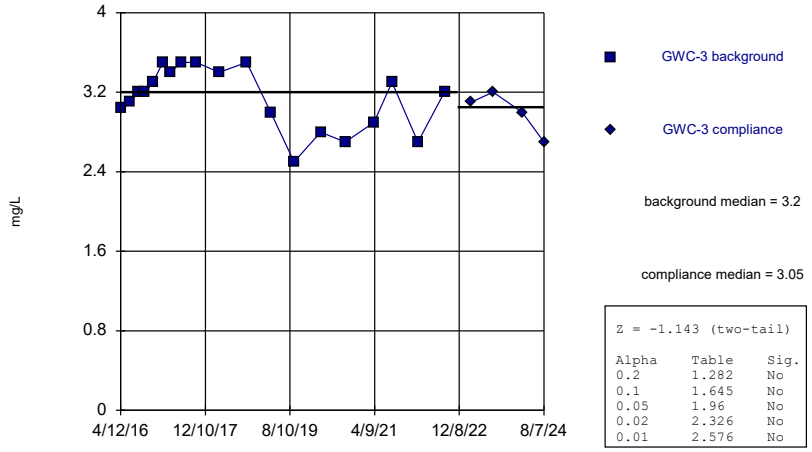
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Chloride Analysis Run 6/18/2025 4:02 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-3



Z = -1.143 (two-tail)

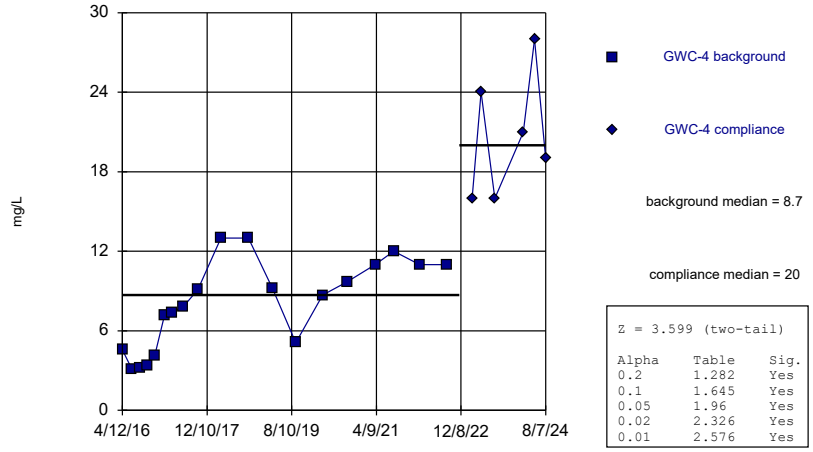
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Chloride Analysis Run 6/18/2025 4:02 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-4



Z = 3.599 (two-tail)

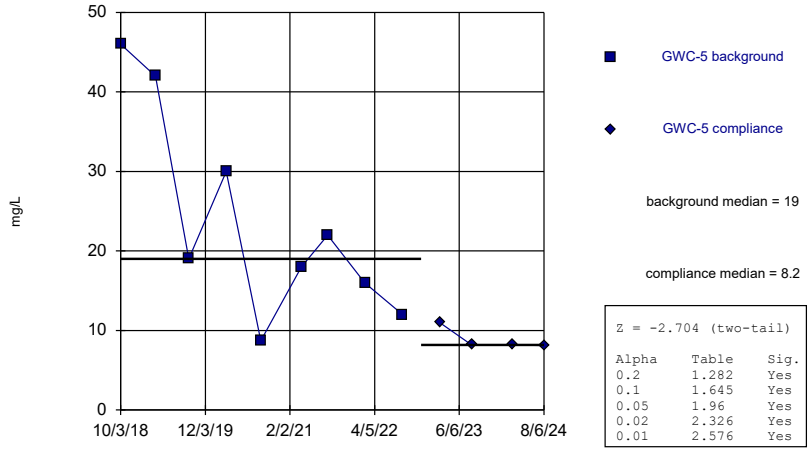
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Chloride Analysis Run 6/18/2025 4:02 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-5



Z = -2.704 (two-tail)

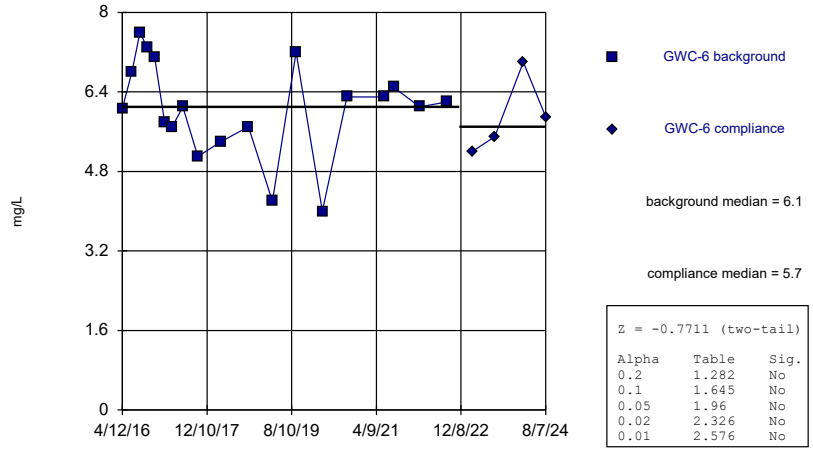
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Chloride Analysis Run 6/18/2025 4:02 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-6



Z = -0.7711 (two-tail)

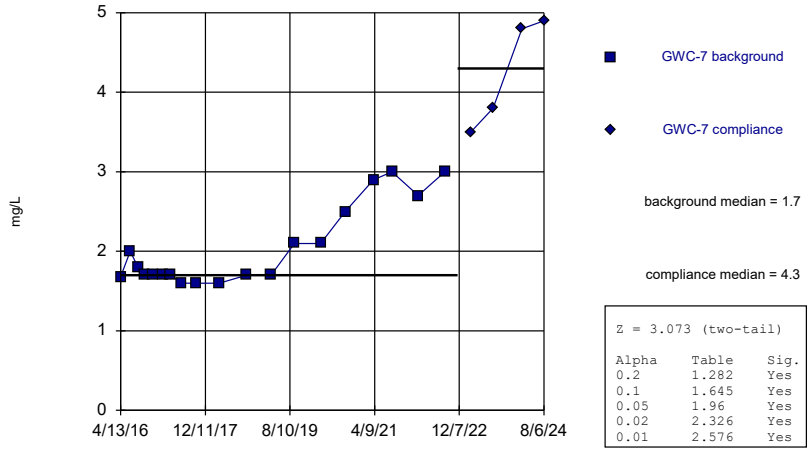
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Chloride Analysis Run 6/18/2025 4:02 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-7



Z = 3.073 (two-tail)

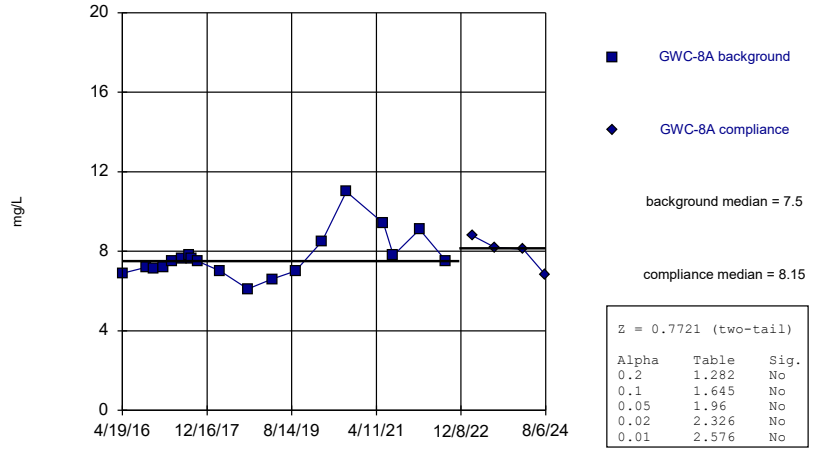
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Chloride Analysis Run 6/18/2025 4:02 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-8A



Z = 0.7721 (two-tail)

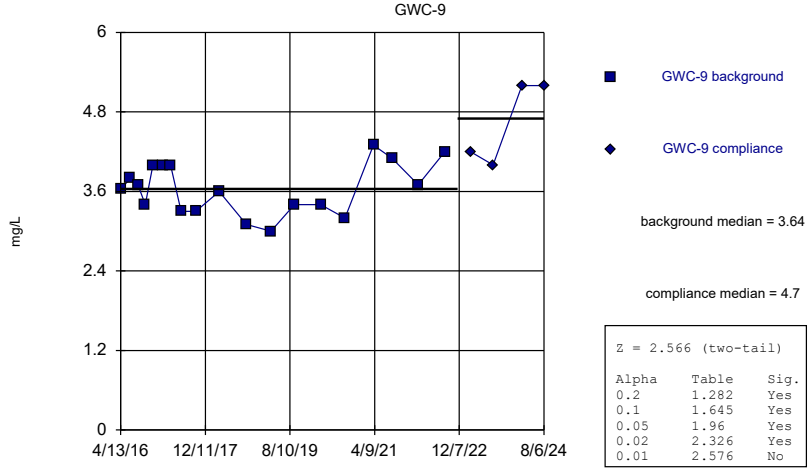
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Chloride Analysis Run 6/18/2025 4:02 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-9



Z = 2.566 (two-tail)

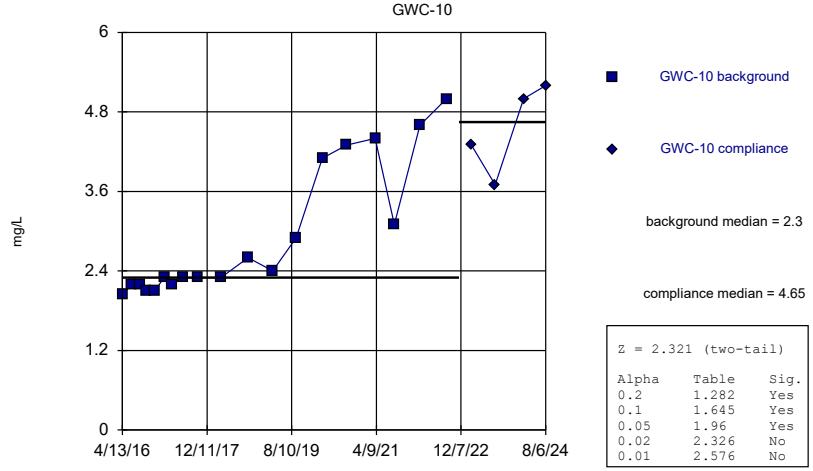
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	No

Constituent: Chloride Analysis Run 6/18/2025 4:02 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-10



Z = 2.321 (two-tail)

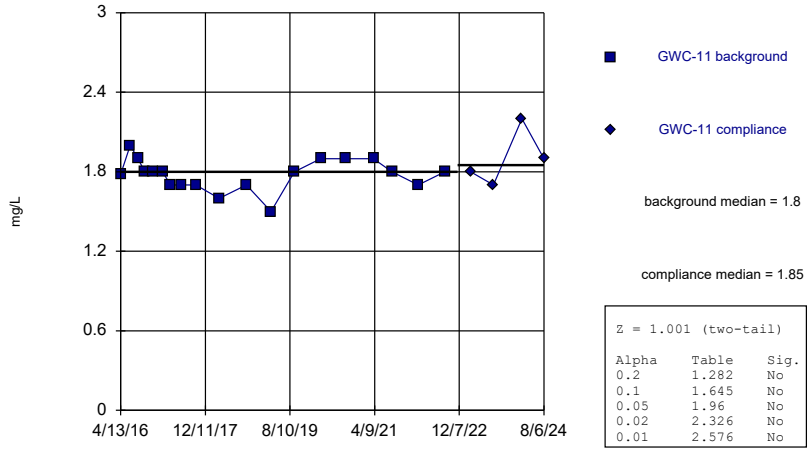
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	No
0.01	2.576	No

Constituent: Chloride Analysis Run 6/18/2025 4:02 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-11



Z = 1.001 (two-tail)

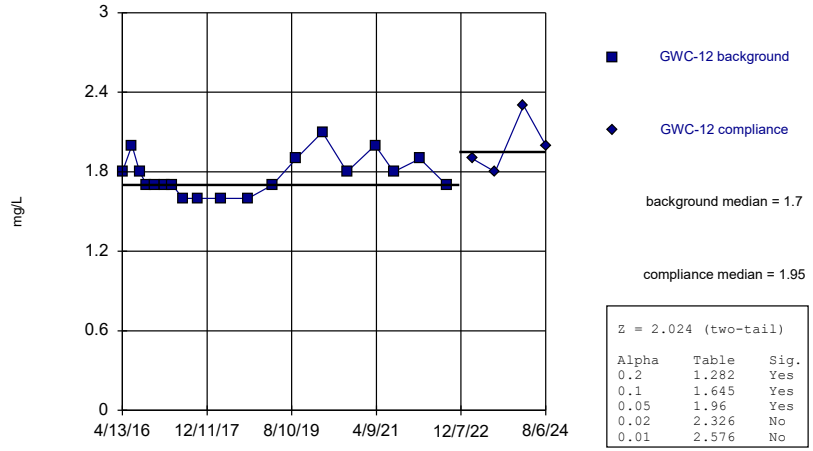
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Chloride Analysis Run 6/18/2025 4:02 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-12



Z = 2.024 (two-tail)

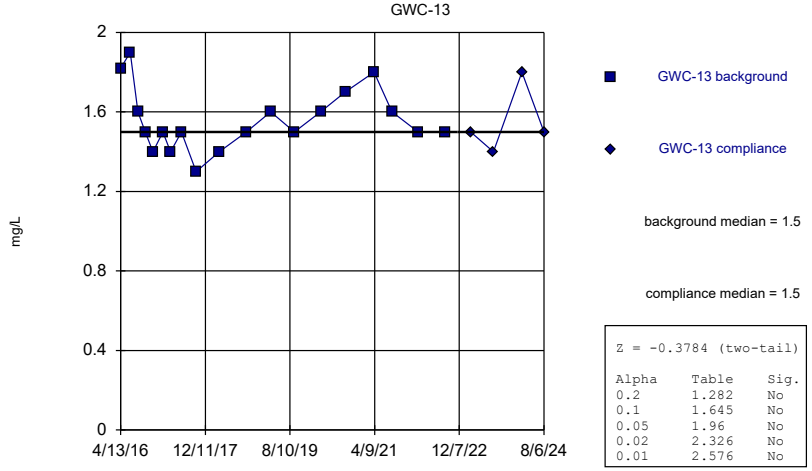
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	No
0.01	2.576	No

Constituent: Chloride Analysis Run 6/18/2025 4:02 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-13



Z = -0.3784 (two-tail)

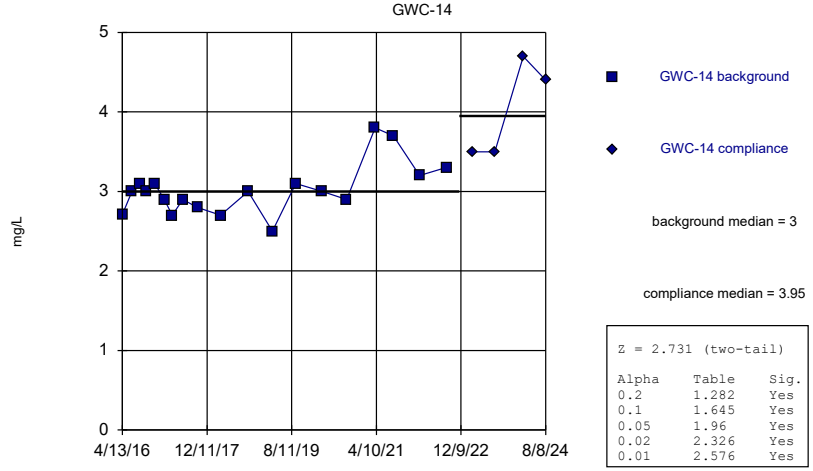
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Chloride Analysis Run 6/18/2025 4:02 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-14



Z = 2.731 (two-tail)

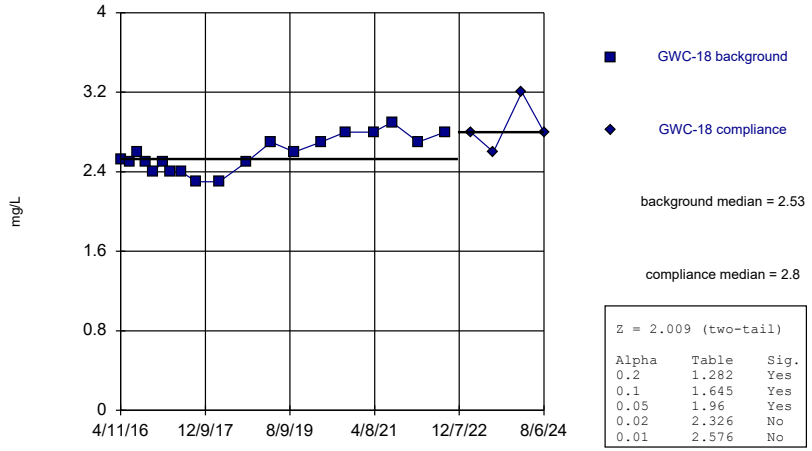
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Chloride Analysis Run 6/18/2025 4:02 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-18



Z = 2.009 (two-tail)

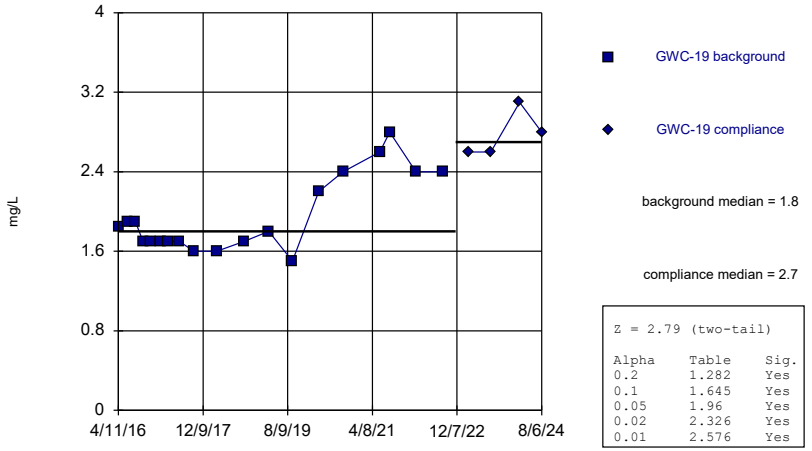
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	No
0.01	2.576	No

Constituent: Chloride Analysis Run 6/18/2025 4:02 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-19



Z = 2.79 (two-tail)

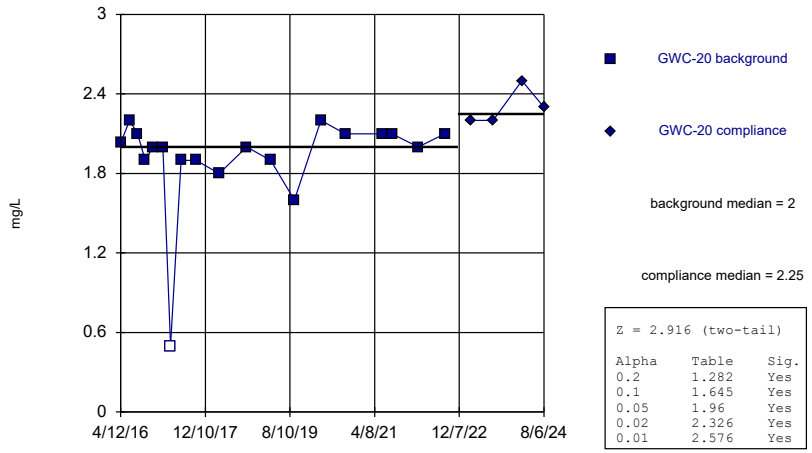
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Chloride Analysis Run 6/18/2025 4:02 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-20



Z = 2.916 (two-tail)

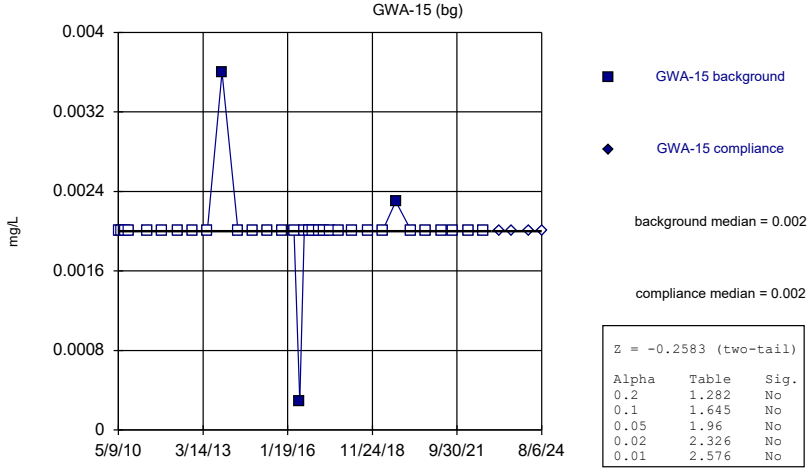
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Chloride Analysis Run 6/18/2025 4:02 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWA-15 (bg)



Z = -0.2583 (two-tail)

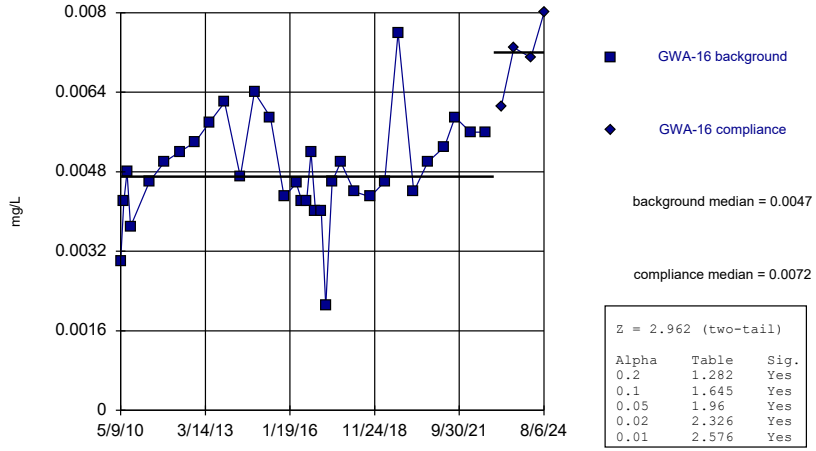
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Chromium Analysis Run 6/18/2025 4:02 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWA-16 (bg)



Z = 2.962 (two-tail)

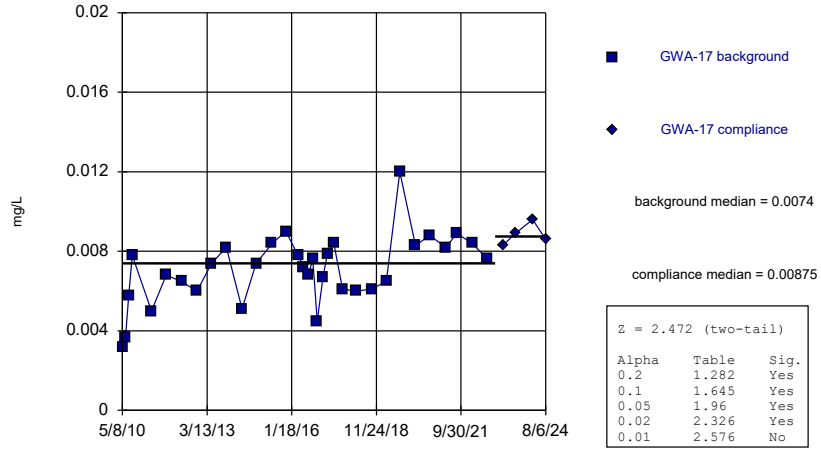
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Chromium Analysis Run 6/18/2025 4:02 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWA-17 (bg)



Z = 2.472 (two-tail)

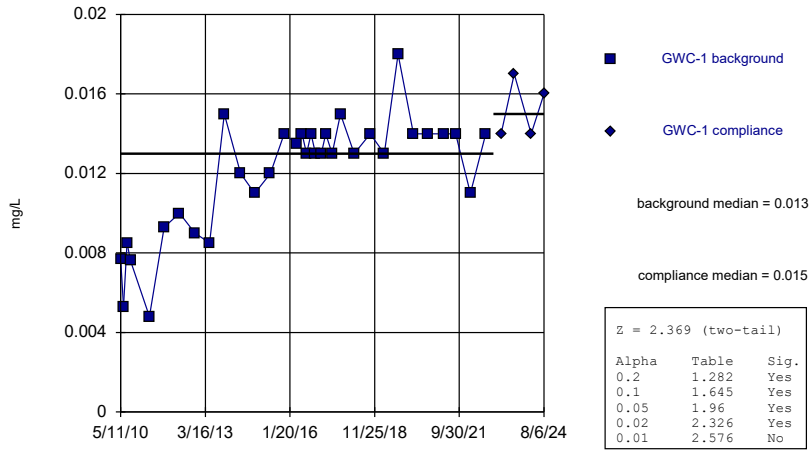
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	No

Constituent: Chromium Analysis Run 6/18/2025 4:03 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-1



Z = 2.369 (two-tail)

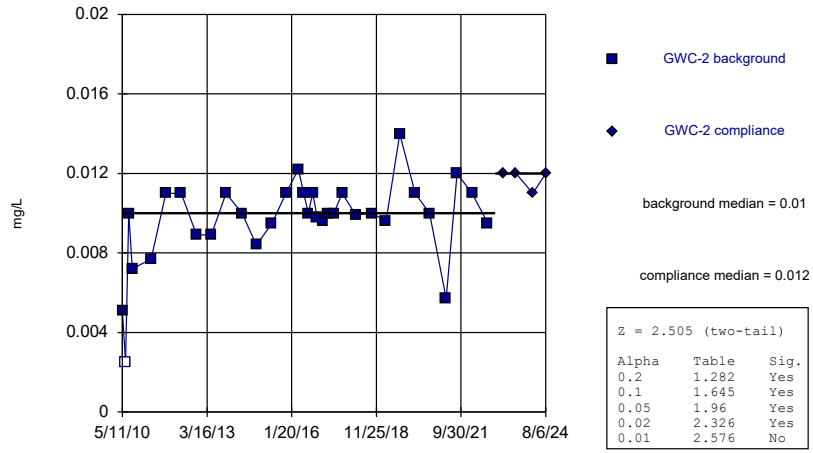
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	No

Constituent: Chromium Analysis Run 6/18/2025 4:03 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-2



Z = 2.505 (two-tail)

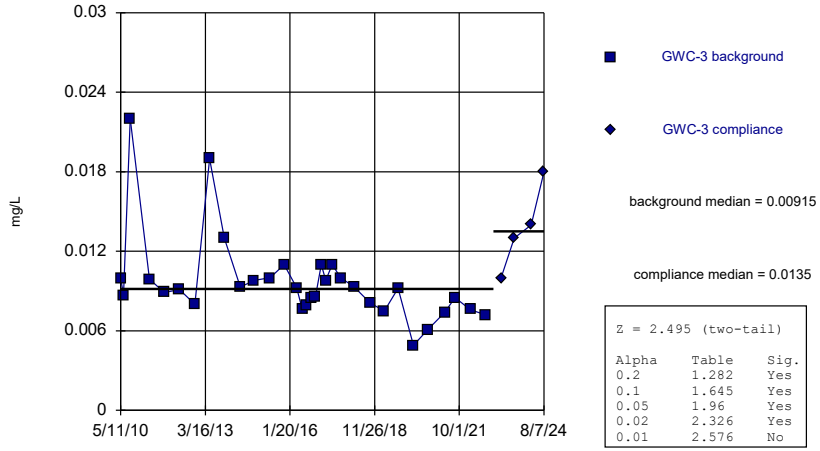
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	No

Constituent: Chromium Analysis Run 6/18/2025 4:03 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-3



Z = 2.495 (two-tail)

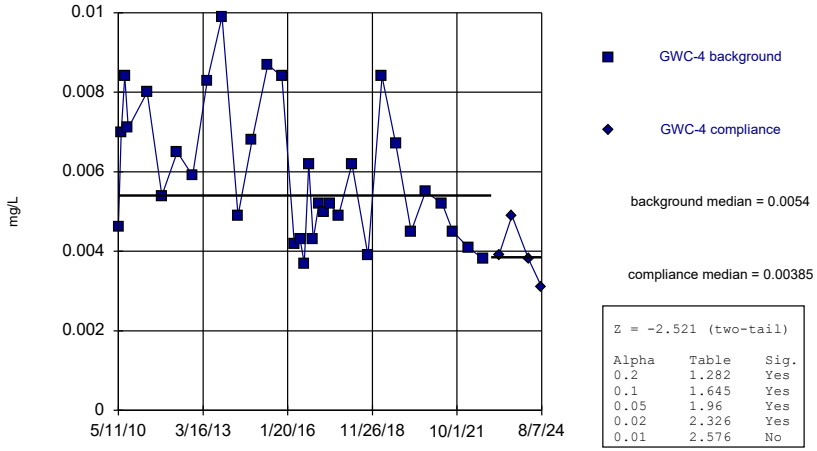
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	No

Constituent: Chromium Analysis Run 6/18/2025 4:03 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-4



Z = -2.521 (two-tail)

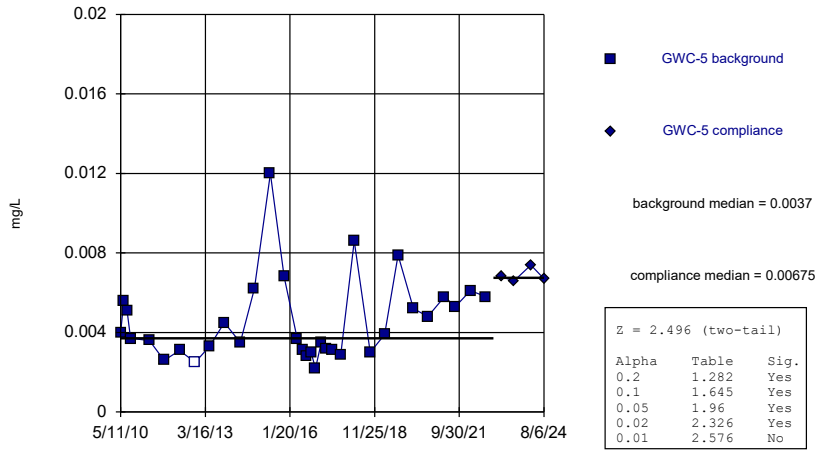
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	No

Constituent: Chromium Analysis Run 6/18/2025 4:03 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-5



Z = 2.496 (two-tail)

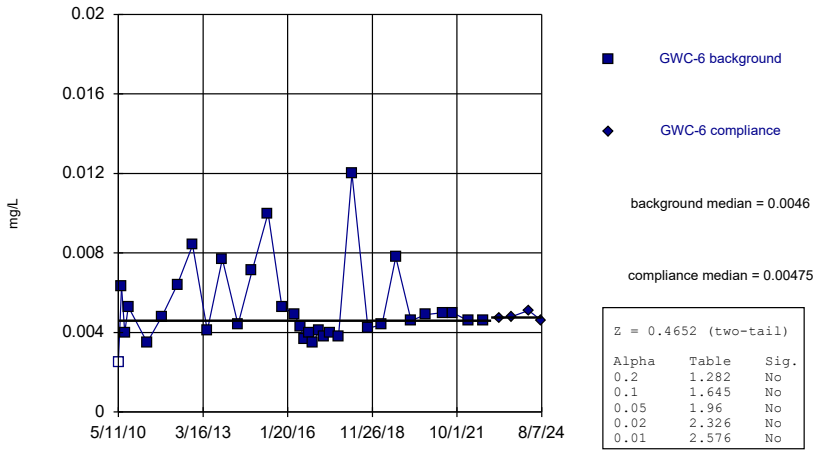
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	No

Constituent: Chromium Analysis Run 6/18/2025 4:03 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-6



Z = 0.4652 (two-tail)

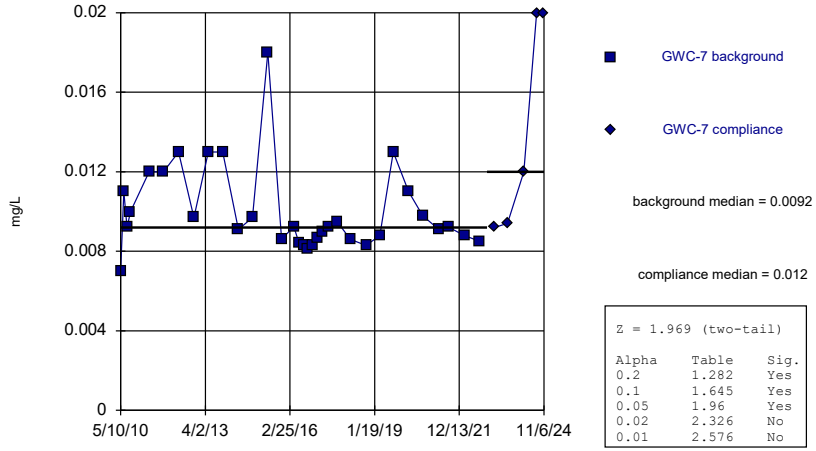
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Chromium Analysis Run 6/18/2025 4:03 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-7



Z = 1.969 (two-tail)

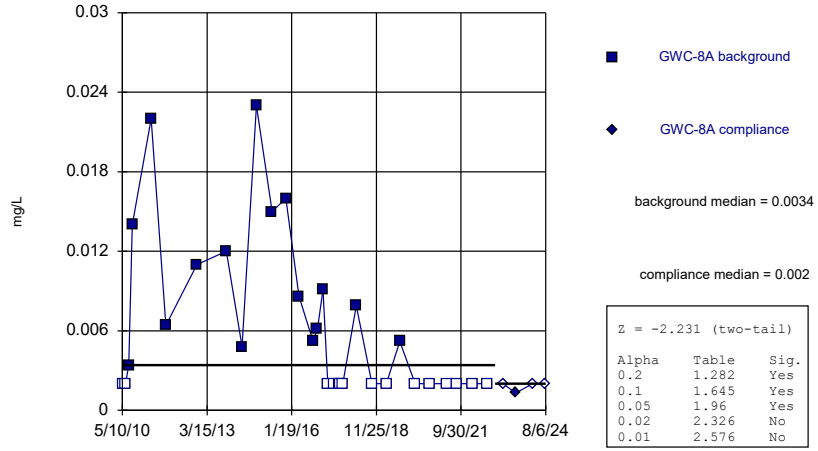
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	No
0.01	2.576	No

Constituent: Chromium Analysis Run 6/18/2025 4:03 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-8A



Z = -2.231 (two-tail)

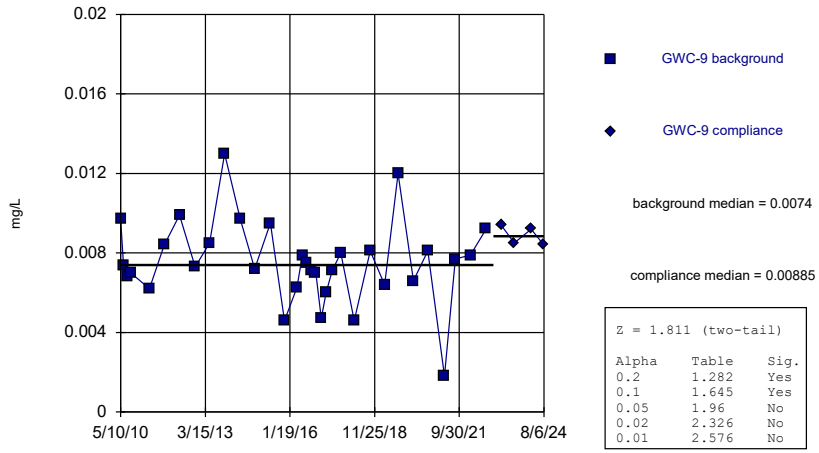
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	No
0.01	2.576	No

Constituent: Chromium Analysis Run 6/18/2025 4:03 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-9



Z = 1.811 (two-tail)

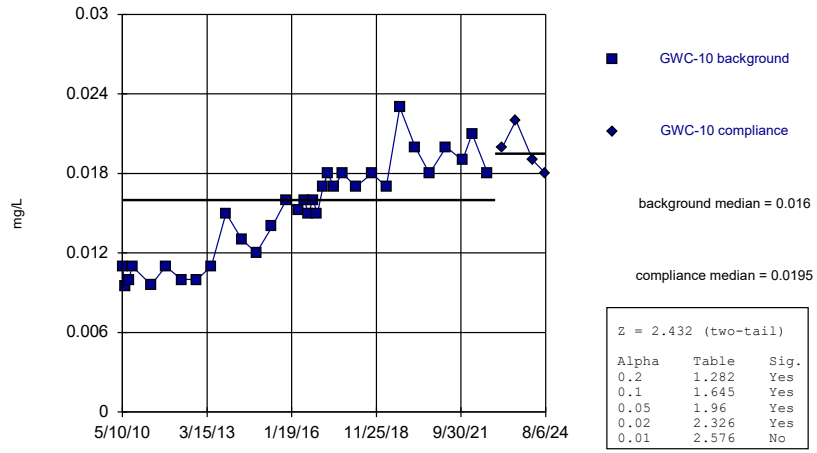
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Chromium Analysis Run 6/18/2025 4:03 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-10



Z = 2.432 (two-tail)

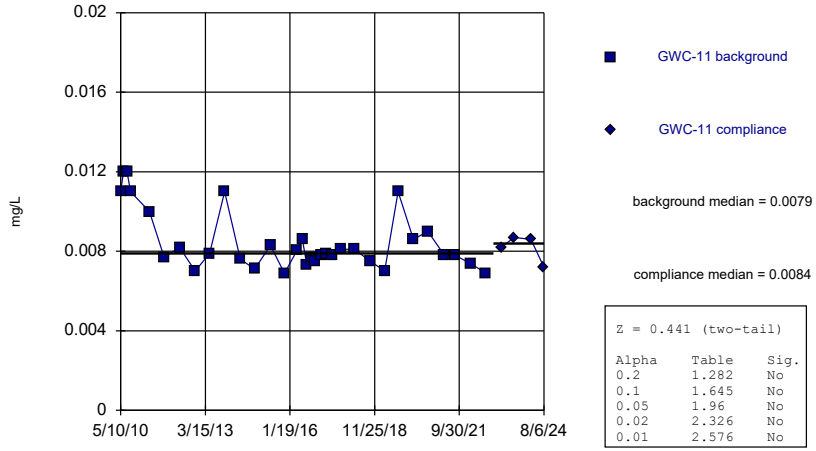
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	No

Constituent: Chromium Analysis Run 6/18/2025 4:03 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-11



Z = 0.441 (two-tail)

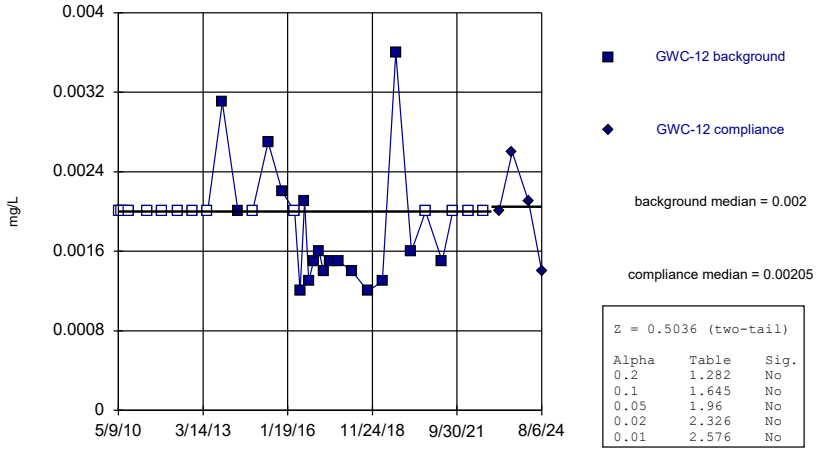
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Chromium Analysis Run 6/18/2025 4:03 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-12



Z = 0.5036 (two-tail)

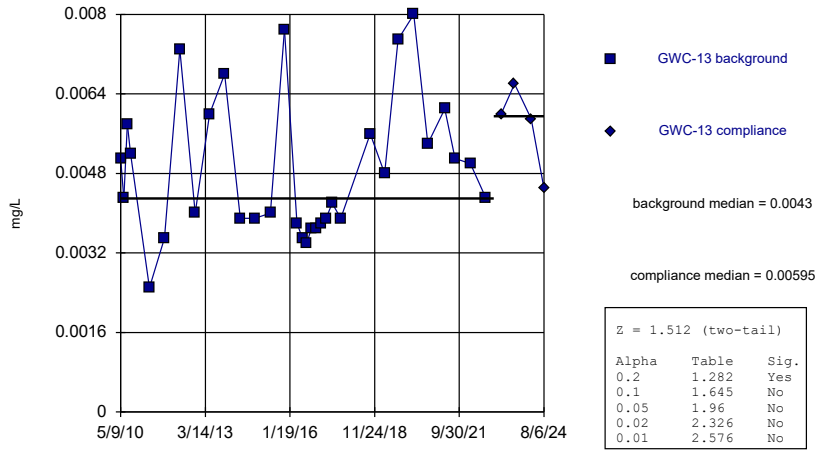
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Chromium Analysis Run 6/18/2025 4:03 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-13



Z = 1.512 (two-tail)

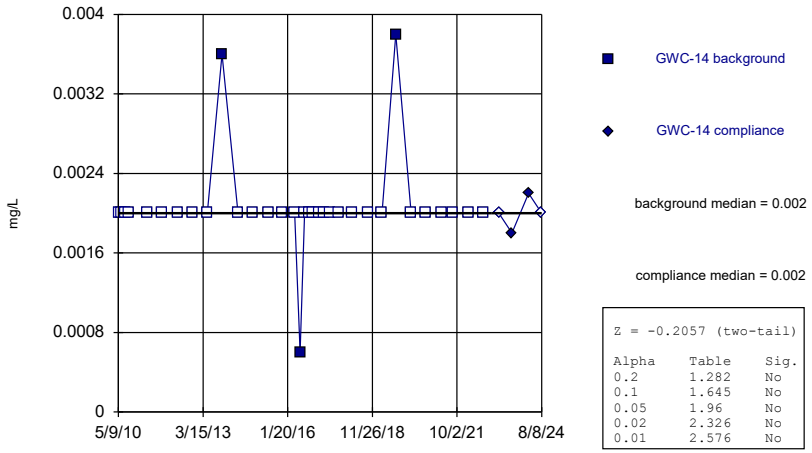
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Chromium Analysis Run 6/18/2025 4:03 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-14



Z = -0.2057 (two-tail)

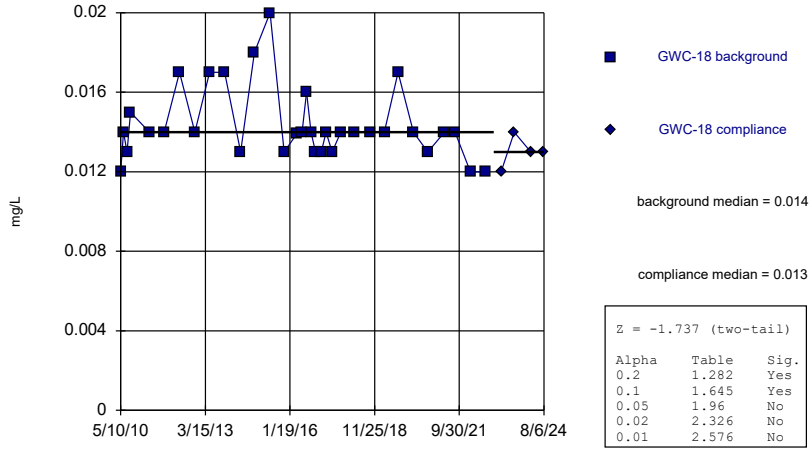
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Chromium Analysis Run 6/18/2025 4:03 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-18



Z = -1.737 (two-tail)

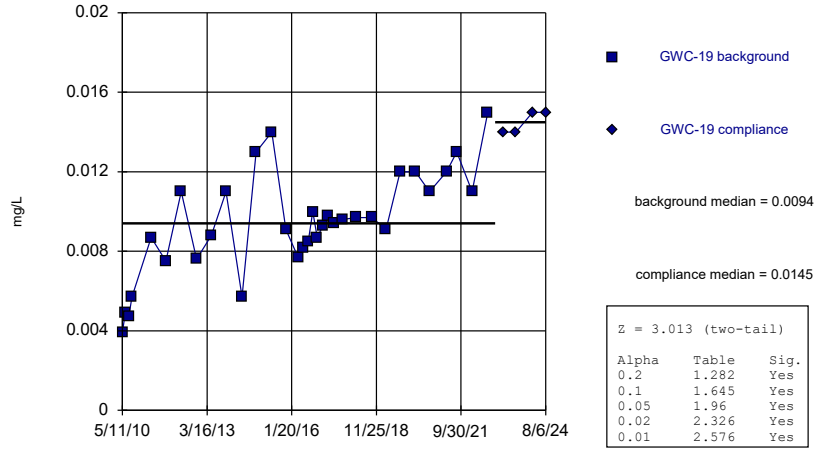
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Chromium Analysis Run 6/18/2025 4:03 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-19



Z = 3.013 (two-tail)

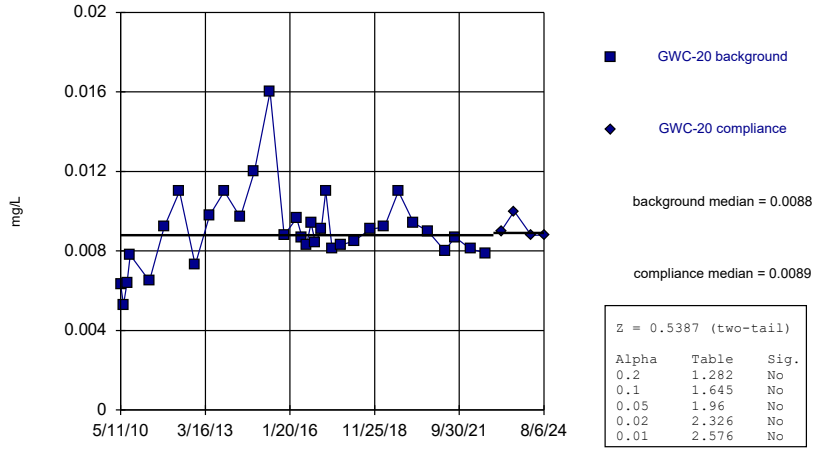
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Chromium Analysis Run 6/18/2025 4:03 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-20



Z = 0.5387 (two-tail)

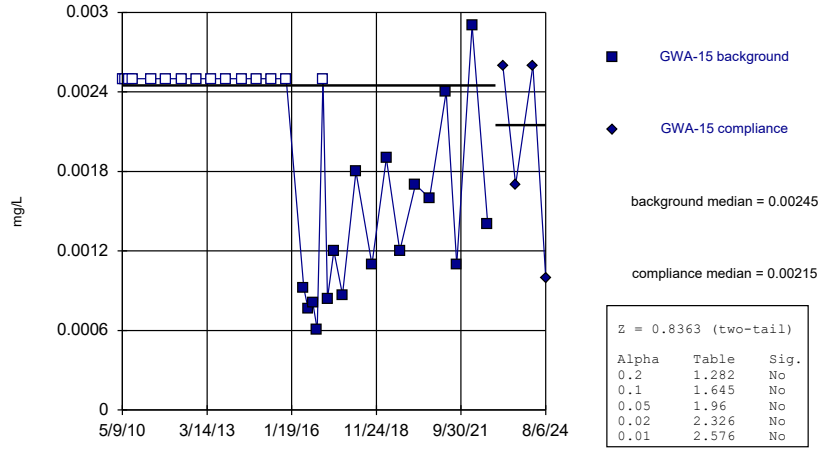
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Chromium Analysis Run 6/18/2025 4:03 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-15 (bg)



Z = 0.8363 (two-tail)

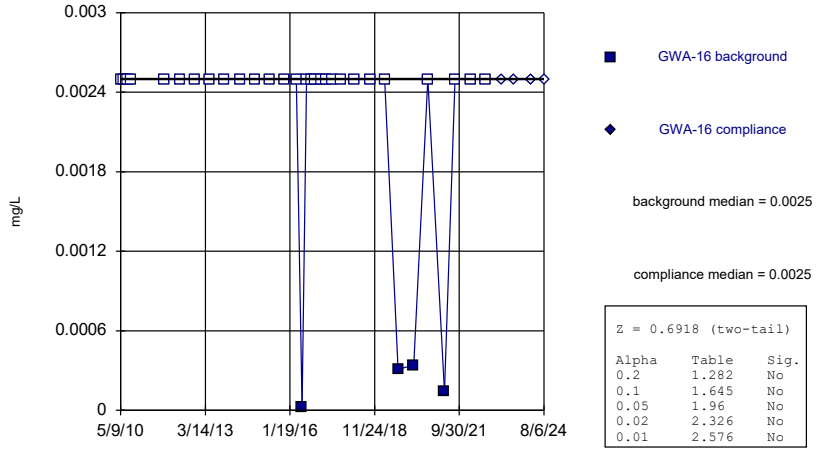
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Cobalt Analysis Run 6/18/2025 4:03 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-16 (bg)



Z = 0.6918 (two-tail)

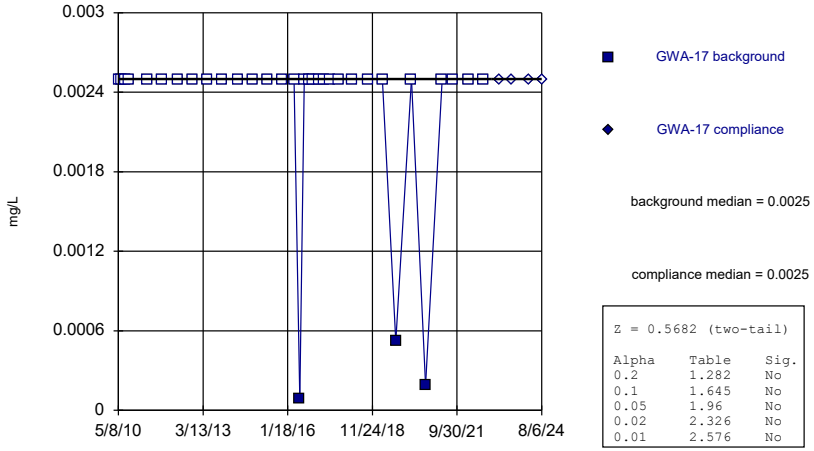
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Cobalt Analysis Run 6/18/2025 4:03 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-17 (bg)



Z = 0.5682 (two-tail)

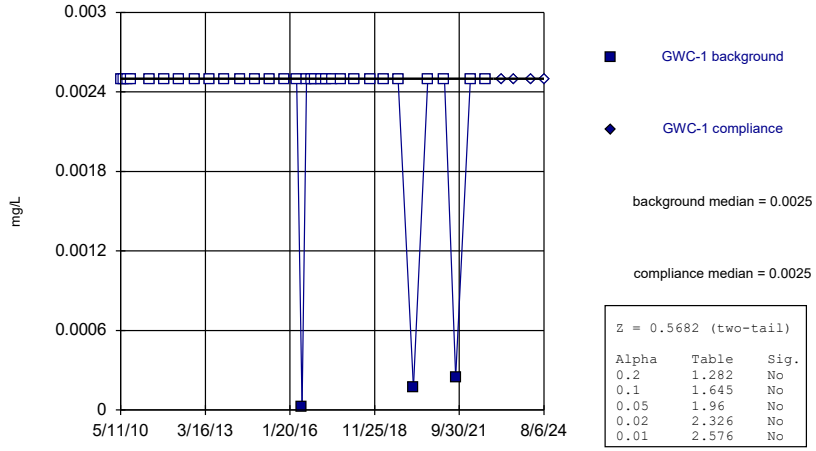
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Cobalt Analysis Run 6/18/2025 4:03 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-1



Z = 0.5682 (two-tail)

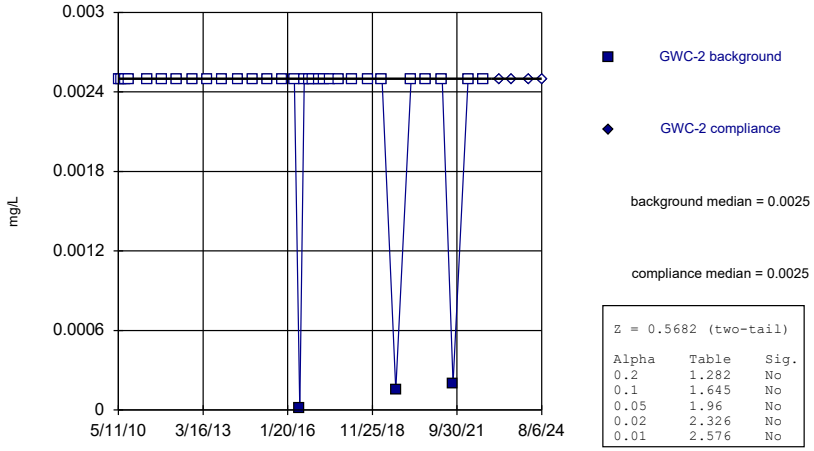
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Cobalt Analysis Run 6/18/2025 4:03 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-2



Z = 0.5682 (two-tail)

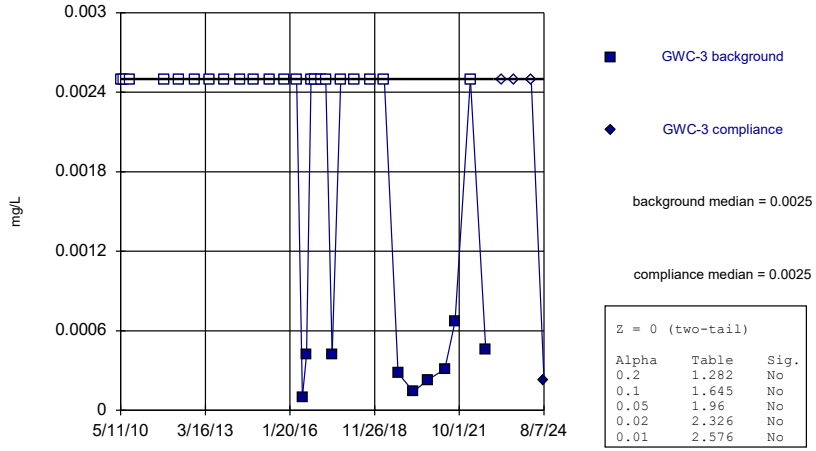
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Cobalt Analysis Run 6/18/2025 4:03 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-3



Z = 0 (two-tail)

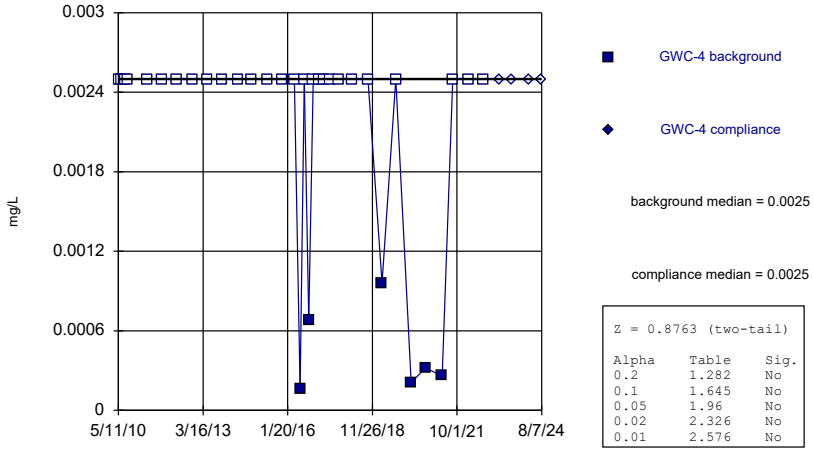
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Cobalt Analysis Run 6/18/2025 4:03 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-4



Z = 0.8763 (two-tail)

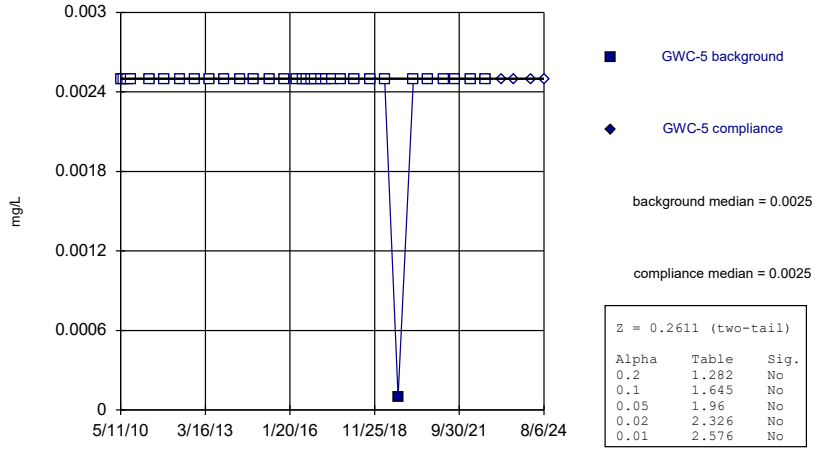
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Cobalt Analysis Run 6/18/2025 4:03 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-5



Z = 0.2611 (two-tail)

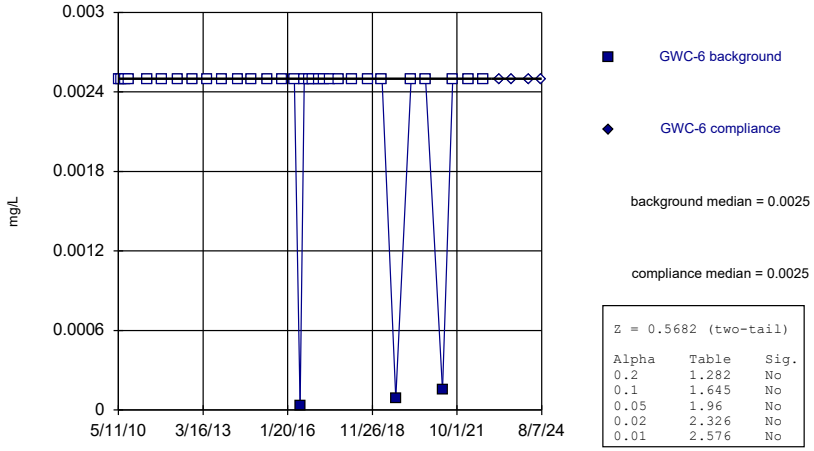
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Cobalt Analysis Run 6/18/2025 4:03 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-6



Z = 0.5682 (two-tail)

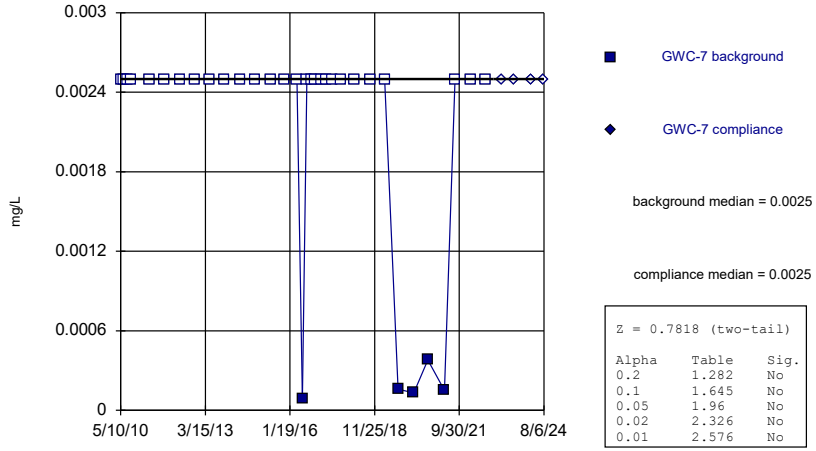
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Cobalt Analysis Run 6/18/2025 4:03 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-7



Z = 0.7818 (two-tail)

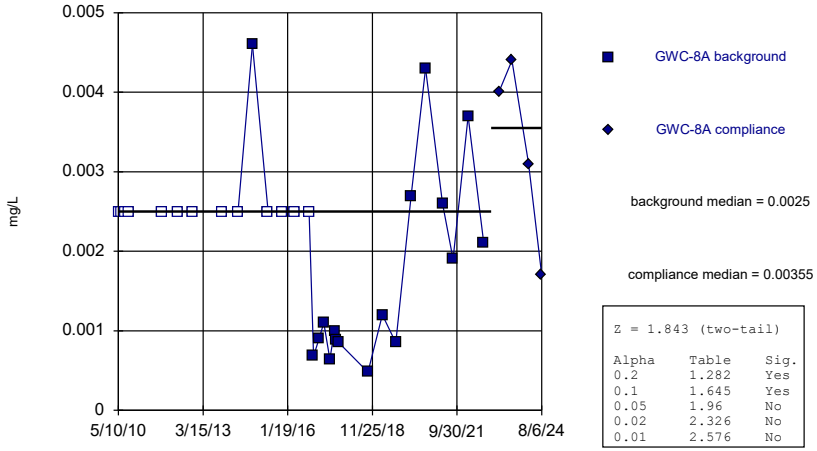
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Cobalt Analysis Run 6/18/2025 4:03 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-8A



Z = 1.843 (two-tail)

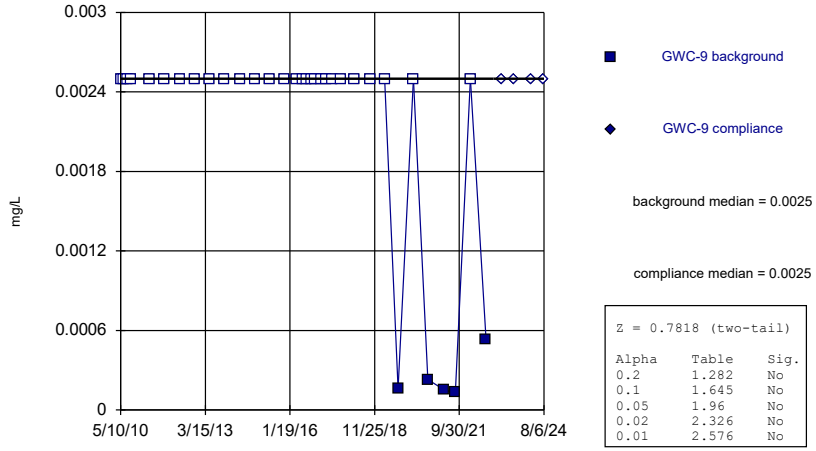
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Cobalt Analysis Run 6/18/2025 4:03 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-9



Z = 0.7818 (two-tail)

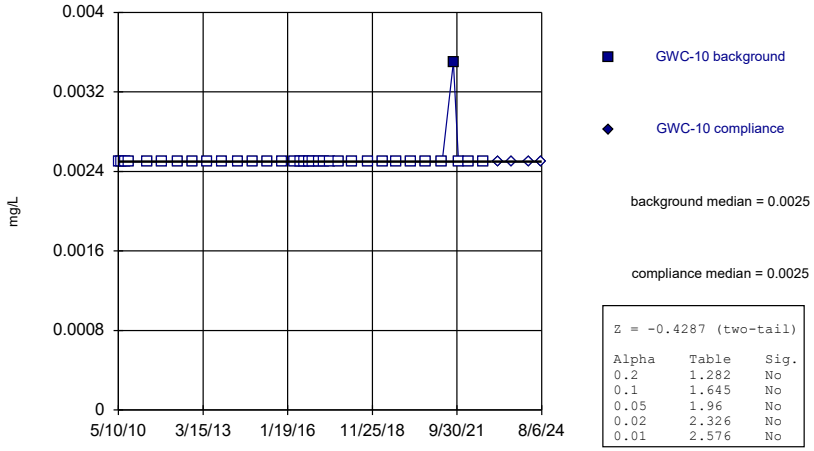
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Cobalt Analysis Run 6/18/2025 4:03 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-10



Z = -0.4287 (two-tail)

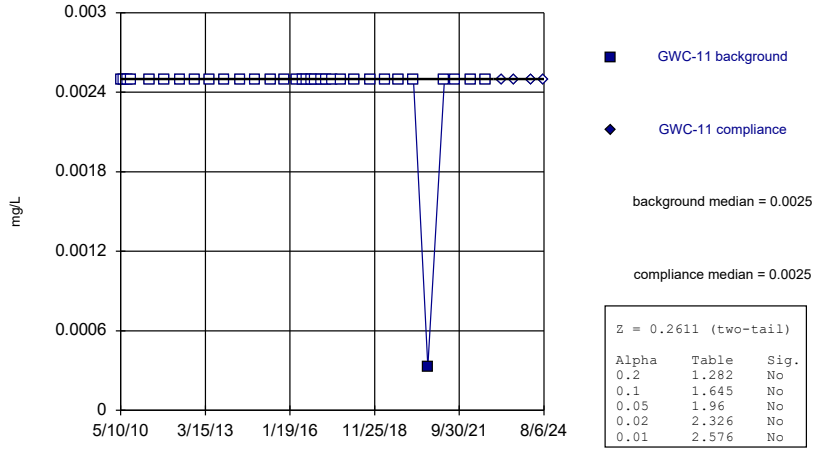
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Cobalt Analysis Run 6/18/2025 4:03 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-11



Z = 0.2611 (two-tail)

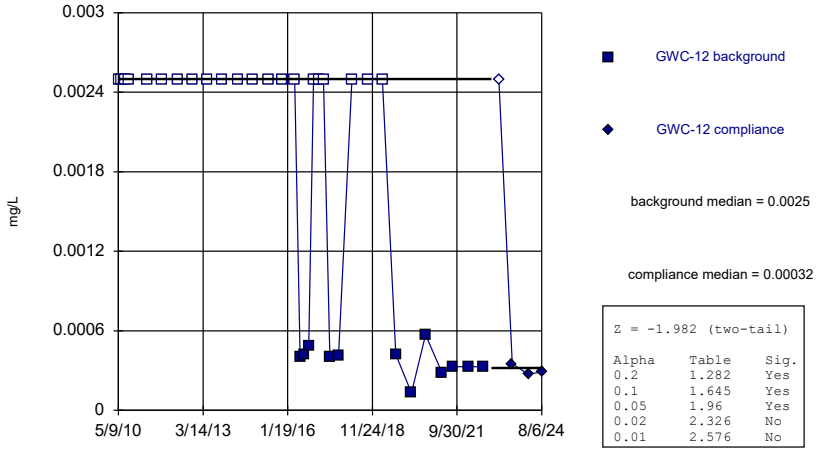
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Cobalt Analysis Run 6/18/2025 4:03 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-12



Z = -1.982 (two-tail)

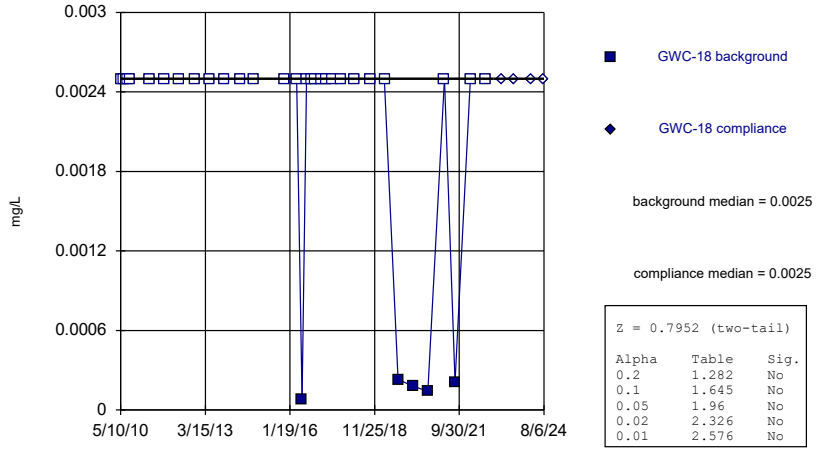
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	No
0.01	2.576	No

Constituent: Cobalt Analysis Run 6/18/2025 4:03 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-18



Z = 0.7952 (two-tail)

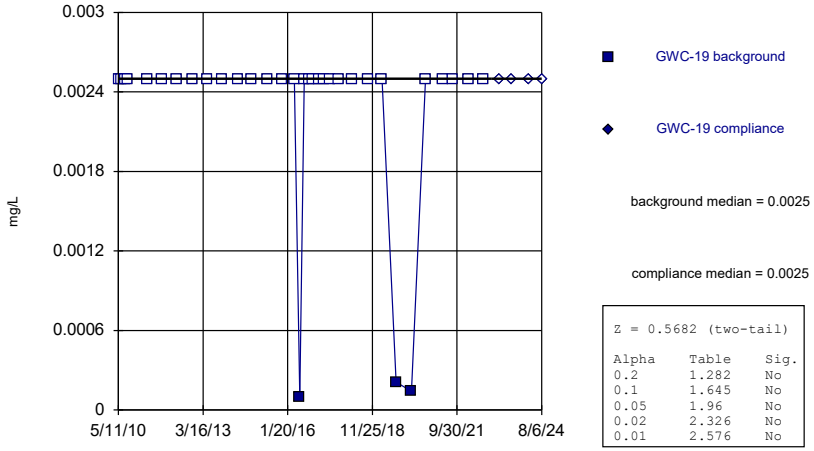
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Cobalt Analysis Run 6/18/2025 4:03 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-19



Z = 0.5682 (two-tail)

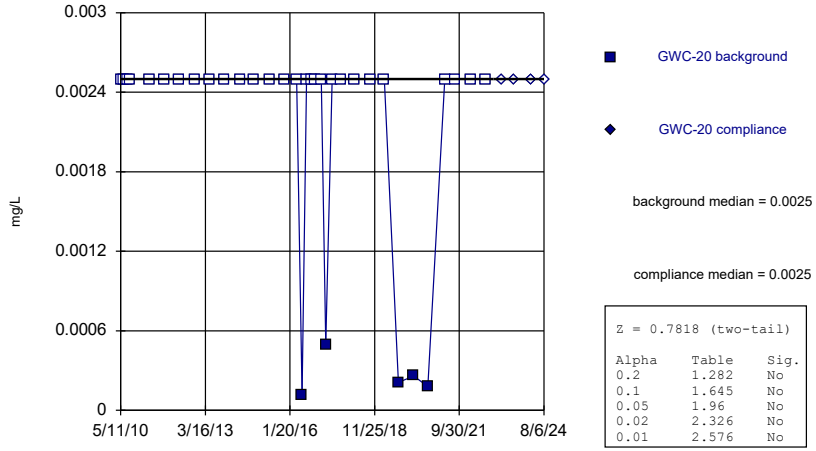
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Cobalt Analysis Run 6/18/2025 4:03 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-20



Z = 0.7818 (two-tail)

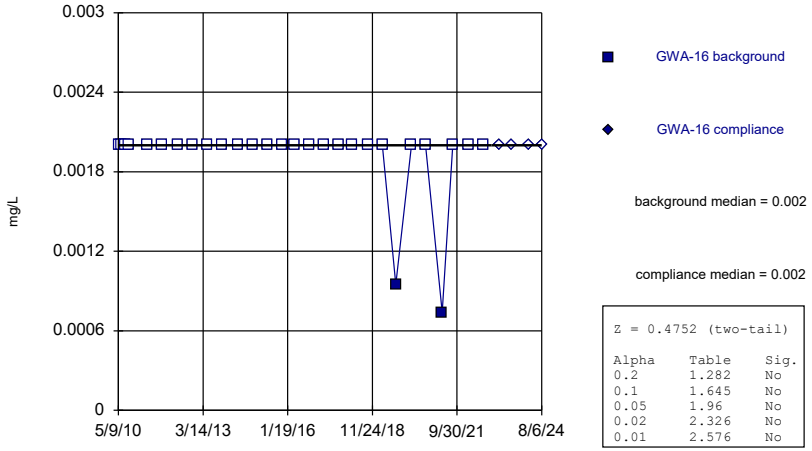
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Cobalt Analysis Run 6/18/2025 4:03 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-16 (bg)



Z = 0.4752 (two-tail)

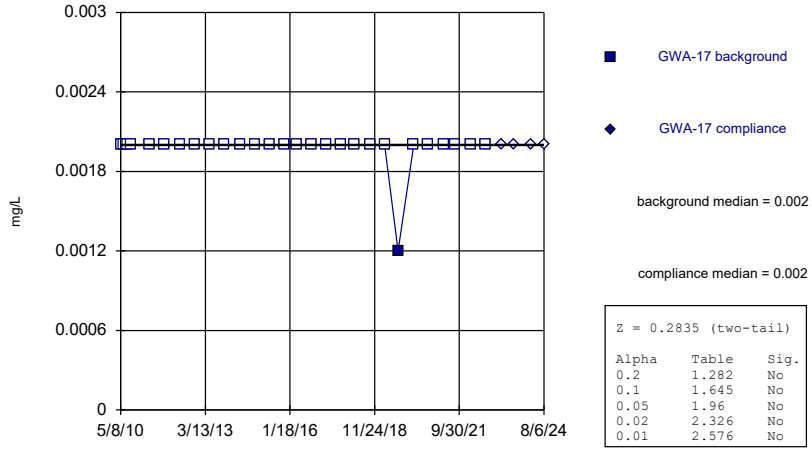
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Copper Analysis Run 6/18/2025 4:03 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-17 (bg)



Z = 0.2835 (two-tail)

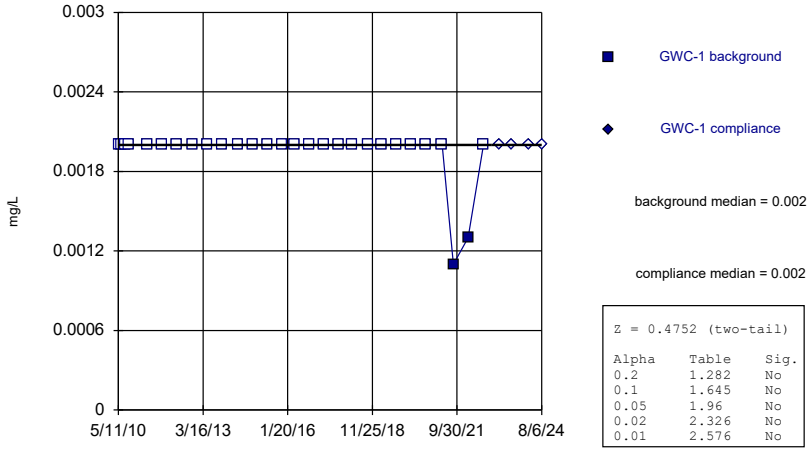
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Copper Analysis Run 6/18/2025 4:03 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-1



Z = 0.4752 (two-tail)

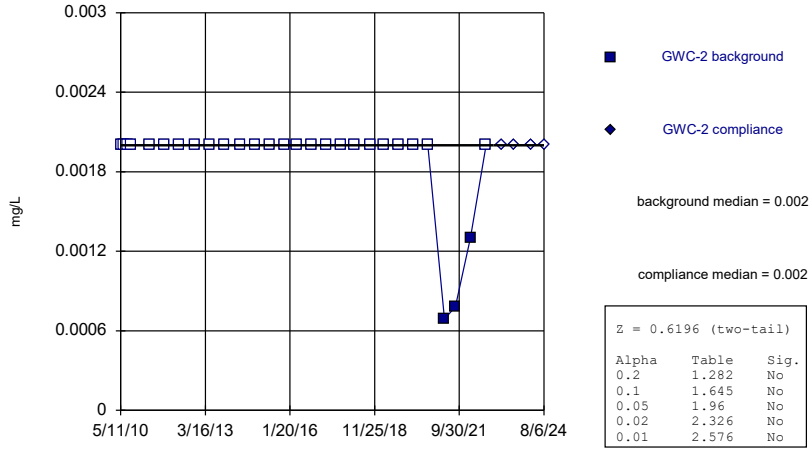
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Copper Analysis Run 6/18/2025 4:03 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-2



Z = 0.6196 (two-tail)

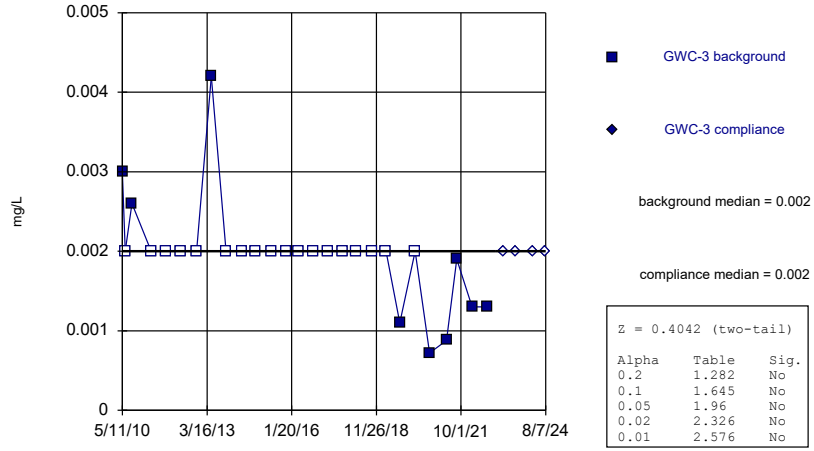
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Copper Analysis Run 6/18/2025 4:03 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-3



Z = 0.4042 (two-tail)

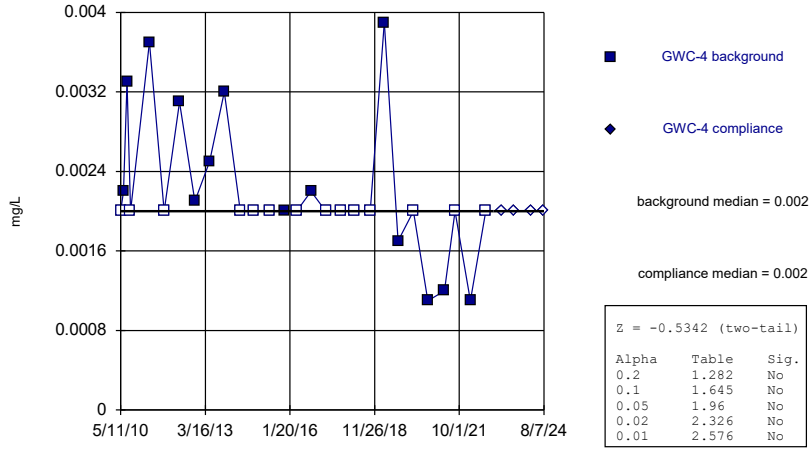
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Copper Analysis Run 6/18/2025 4:03 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-4



Z = -0.5342 (two-tail)

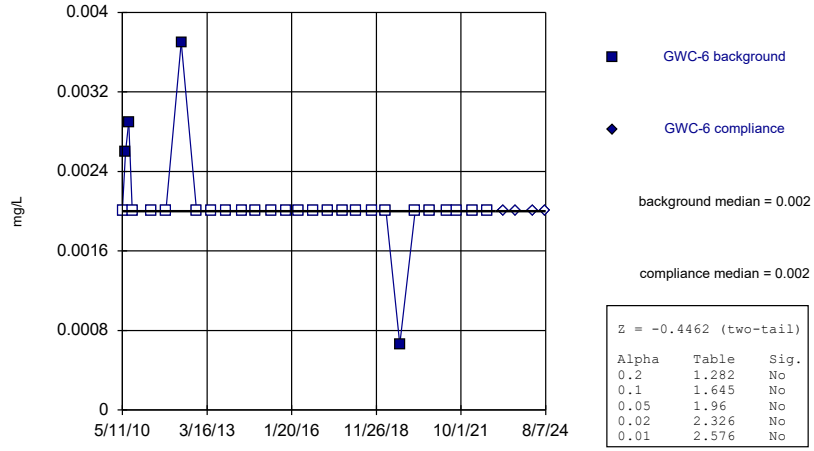
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Copper Analysis Run 6/18/2025 4:04 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-6



Z = -0.4462 (two-tail)

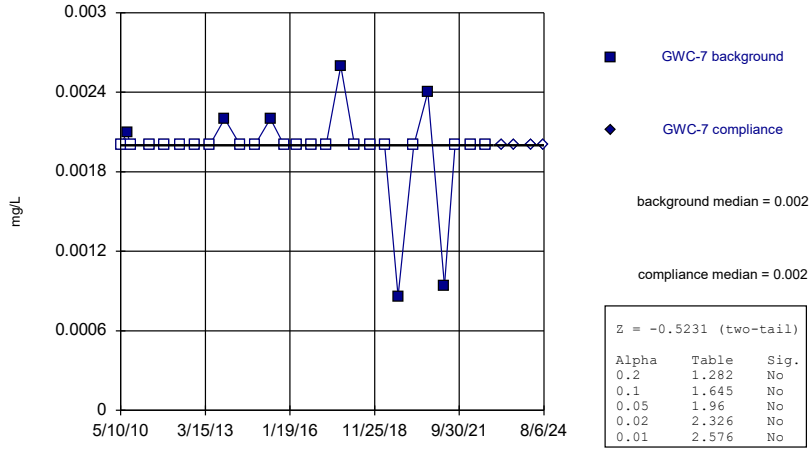
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Copper Analysis Run 6/18/2025 4:04 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-7



Z = -0.5231 (two-tail)

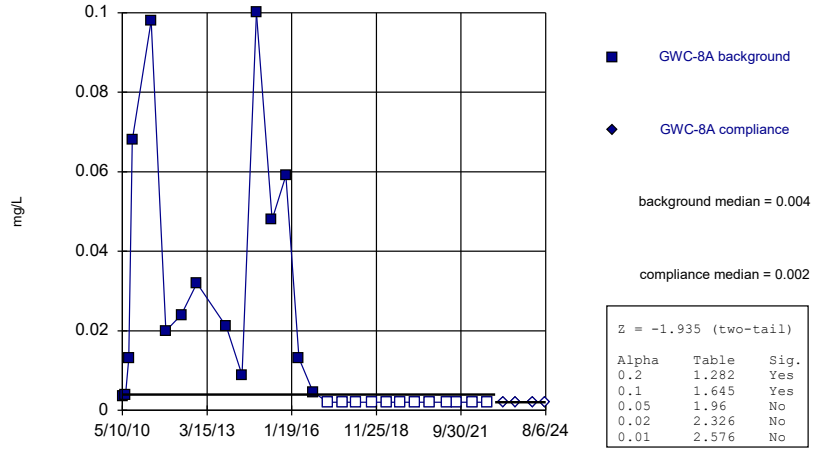
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Copper Analysis Run 6/18/2025 4:04 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-8A



Z = -1.935 (two-tail)

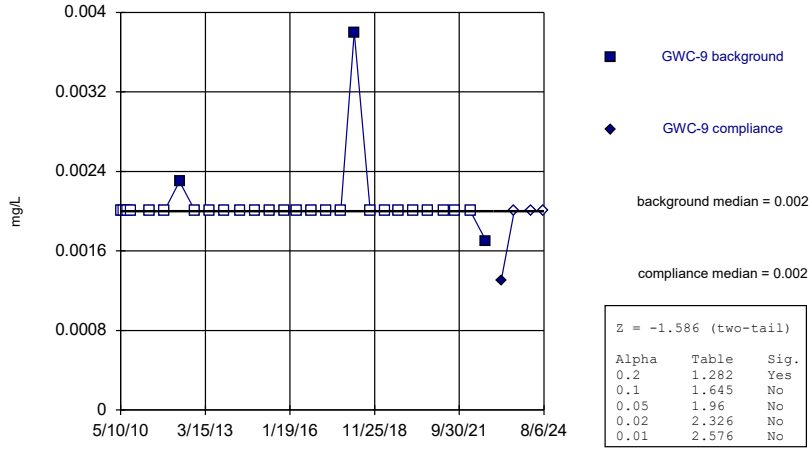
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Copper Analysis Run 6/18/2025 4:04 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-9



Z = -1.586 (two-tail)

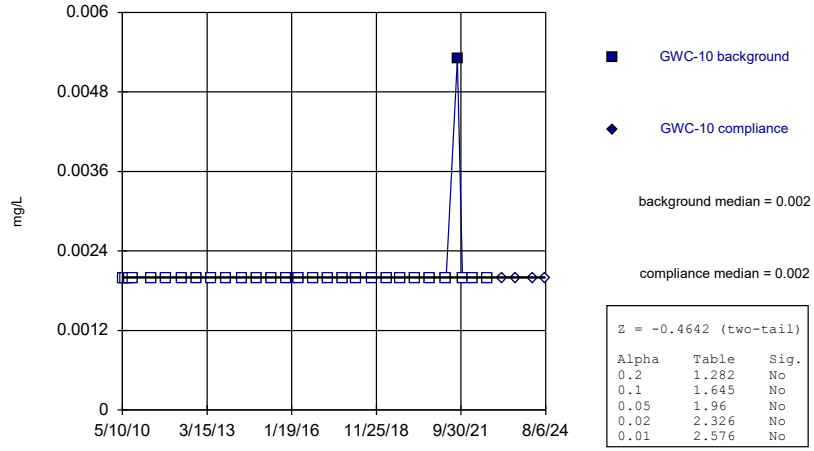
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Copper Analysis Run 6/18/2025 4:04 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-10



Z = -0.4642 (two-tail)

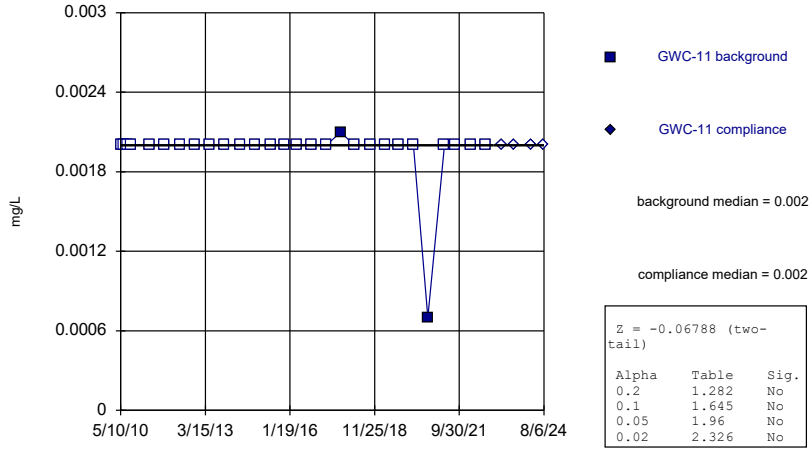
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Copper Analysis Run 6/18/2025 4:04 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-11



Z = -0.06788 (two-tail)

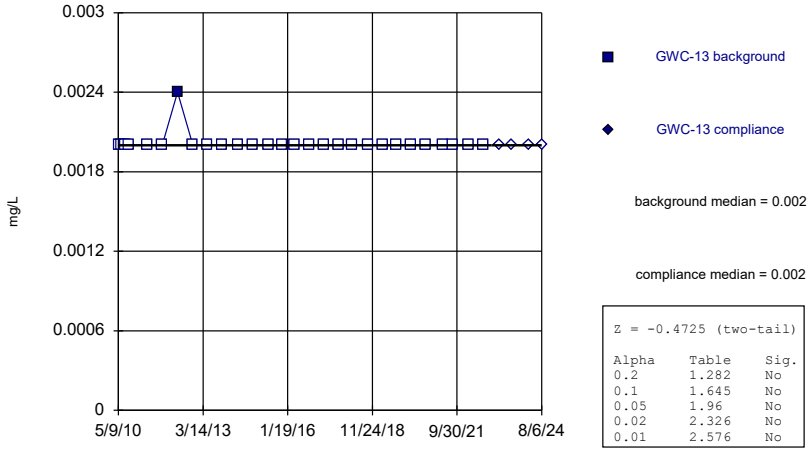
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No

Constituent: Copper Analysis Run 6/18/2025 4:04 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-13



Z = -0.4725 (two-tail)

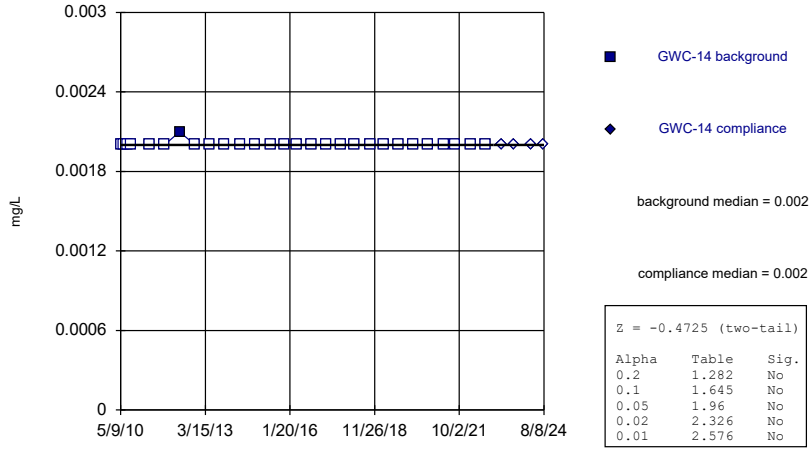
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Copper Analysis Run 6/18/2025 4:04 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-14



Z = -0.4725 (two-tail)

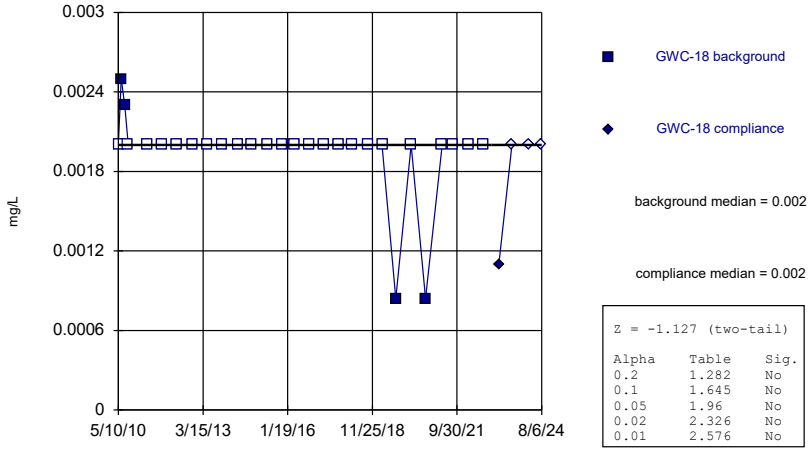
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Copper Analysis Run 6/18/2025 4:04 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-18



Z = -1.127 (two-tail)

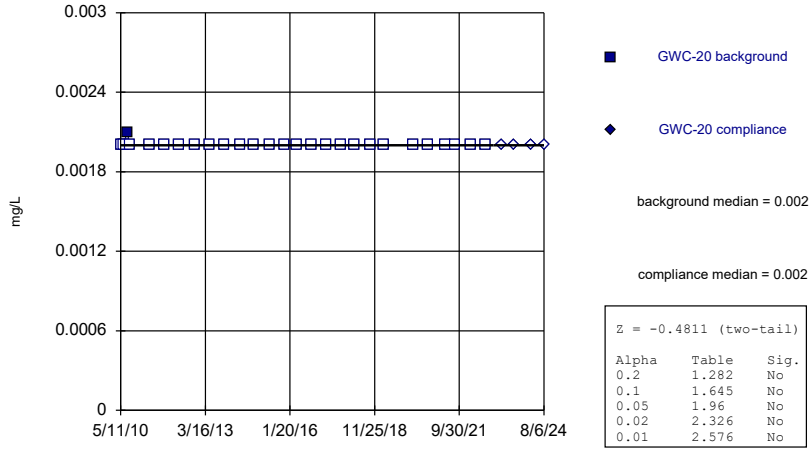
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Copper Analysis Run 6/18/2025 4:04 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-20



Z = -0.4811 (two-tail)

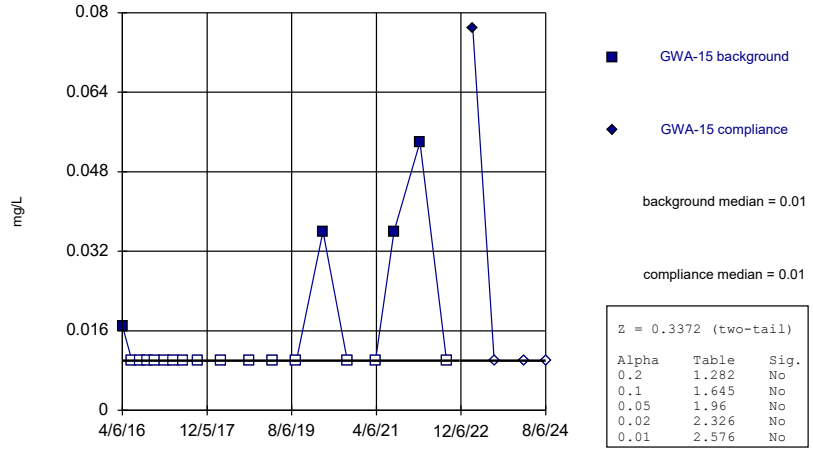
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Copper Analysis Run 6/18/2025 4:04 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-15 (bg)



Z = 0.3372 (two-tail)

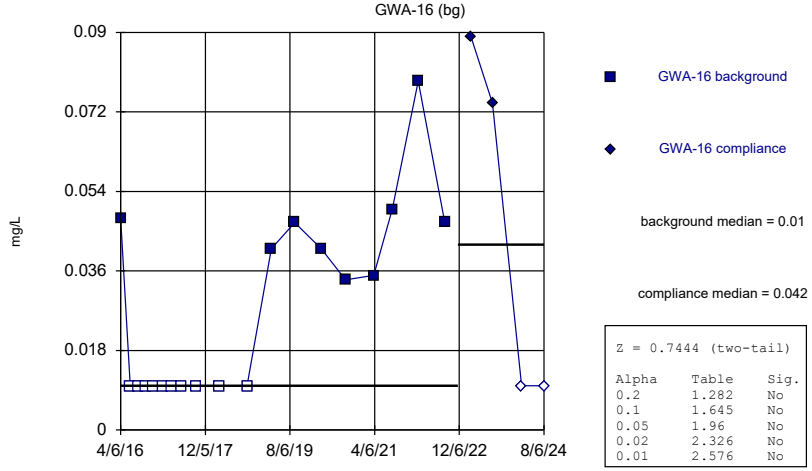
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Fluoride Analysis Run 6/18/2025 4:04 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-16 (bg)



Z = 0.7444 (two-tail)

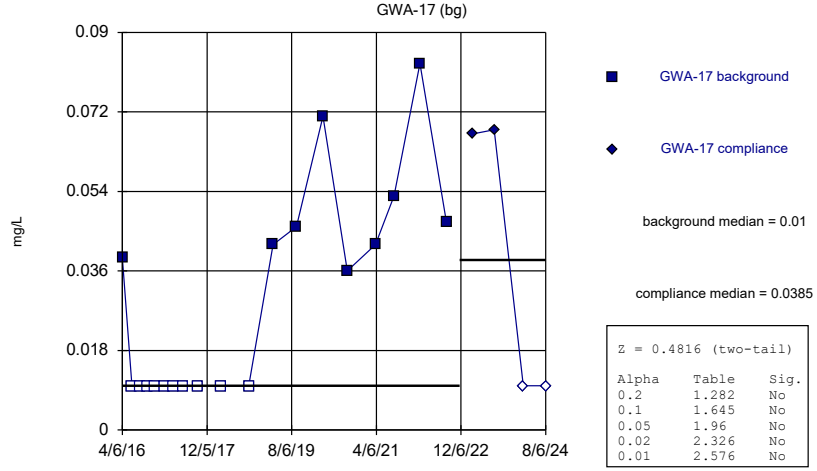
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Fluoride Analysis Run 6/18/2025 4:04 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-17 (bg)



Z = 0.4816 (two-tail)

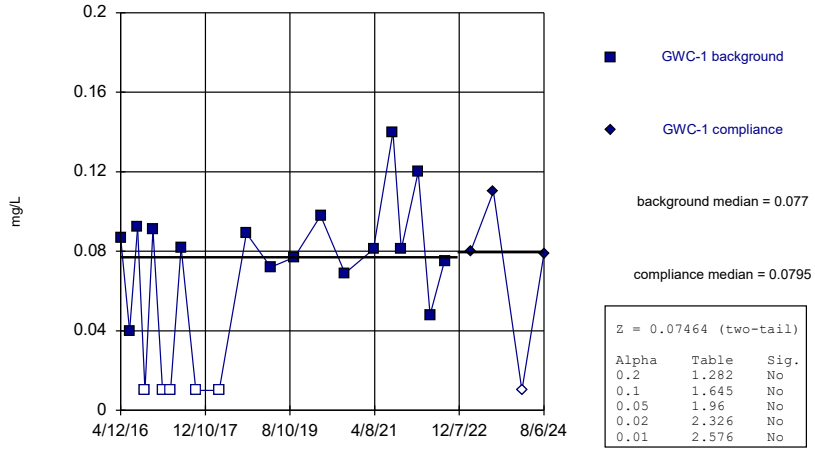
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Fluoride Analysis Run 6/18/2025 4:04 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-1



Z = 0.07464 (two-tail)

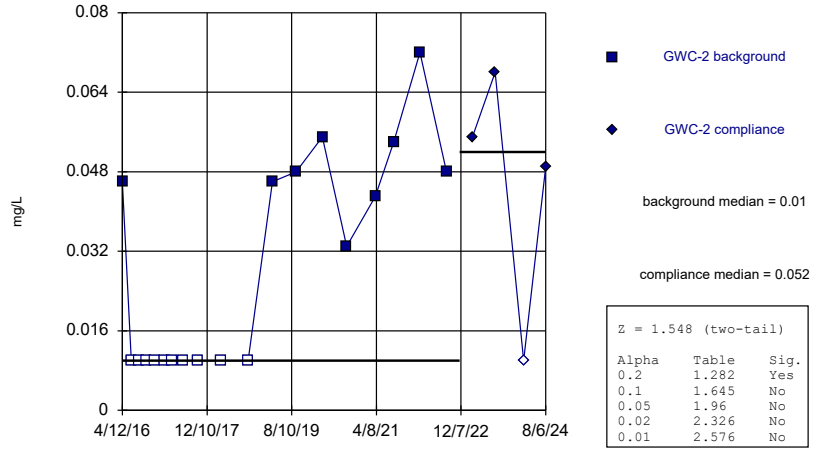
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Fluoride Analysis Run 6/18/2025 4:04 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-2



Z = 1.548 (two-tail)

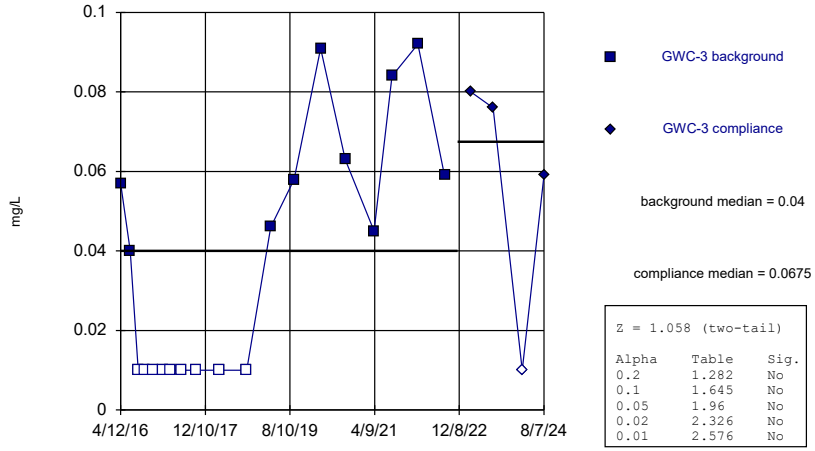
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Fluoride Analysis Run 6/18/2025 4:04 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-3



Z = 1.058 (two-tail)

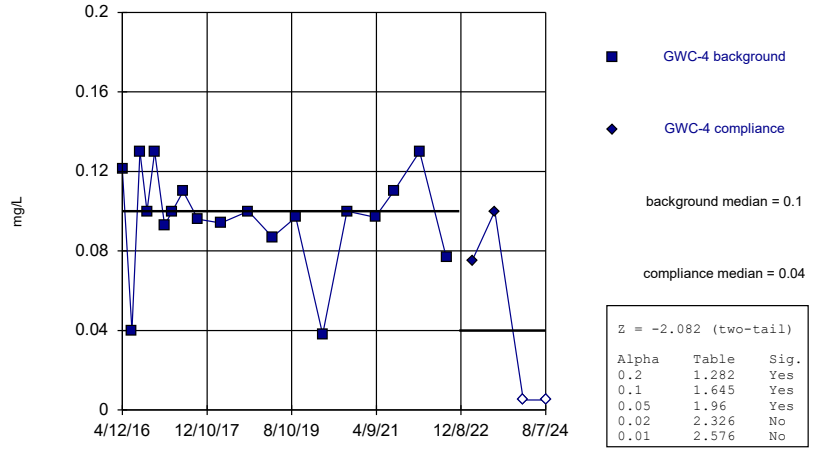
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Fluoride Analysis Run 6/18/2025 4:04 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-4



Z = -2.082 (two-tail)

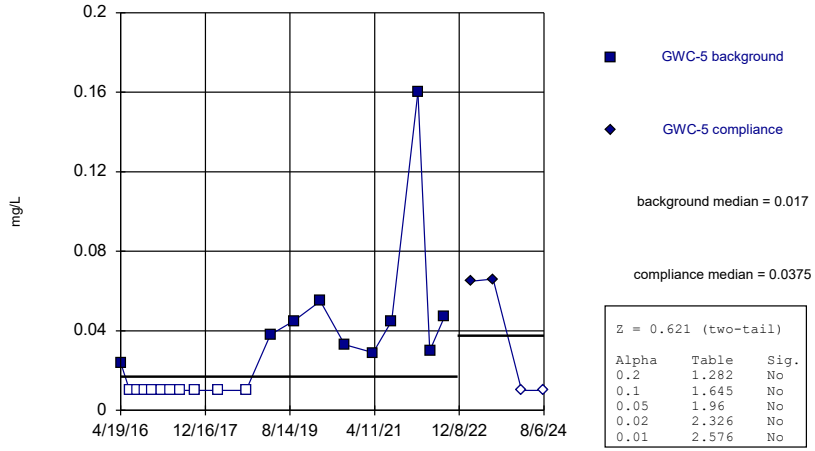
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	No
0.01	2.576	No

Constituent: Fluoride Analysis Run 6/18/2025 4:04 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-5



Z = 0.621 (two-tail)

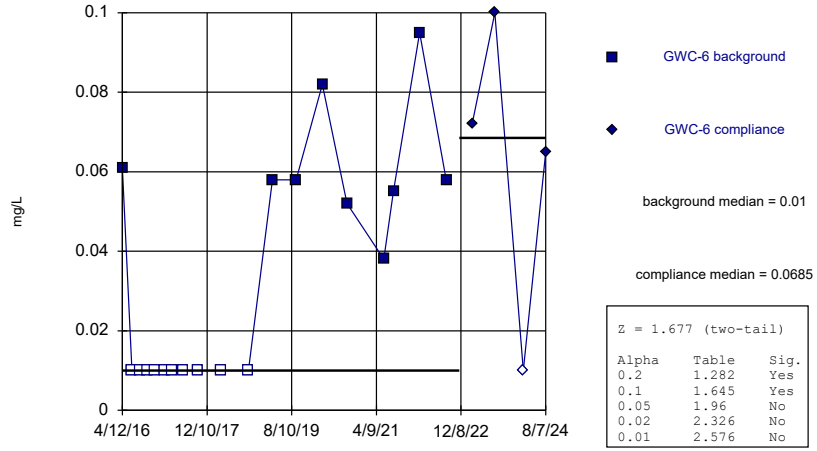
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Fluoride Analysis Run 6/18/2025 4:04 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-6



Z = 1.677 (two-tail)

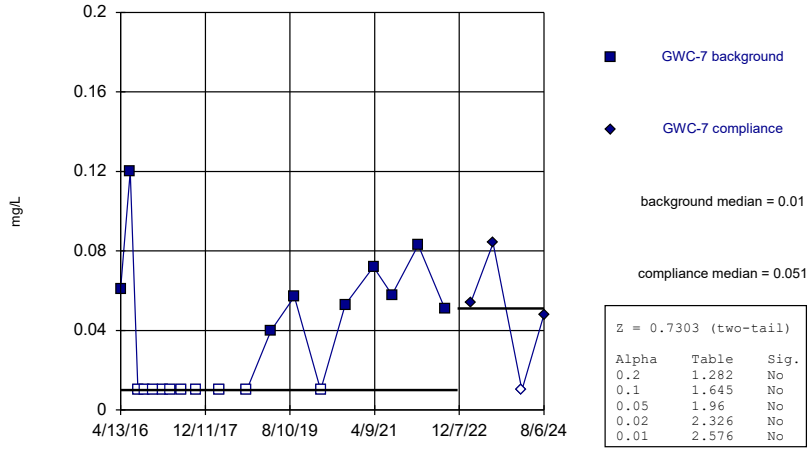
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Fluoride Analysis Run 6/18/2025 4:04 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-7



Z = 0.7303 (two-tail)

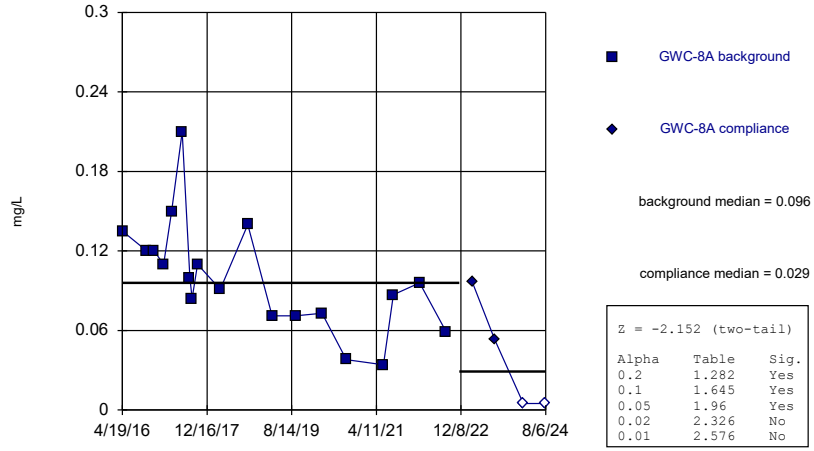
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Fluoride Analysis Run 6/18/2025 4:04 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-8A



Z = -2.152 (two-tail)

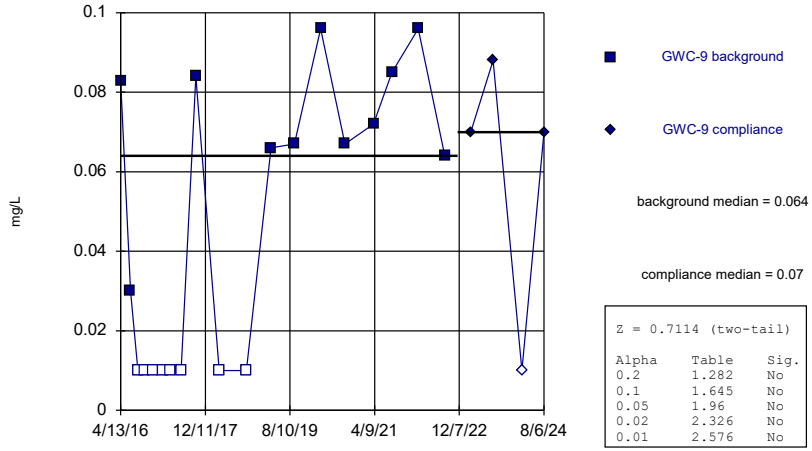
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	No
0.01	2.576	No

Constituent: Fluoride Analysis Run 6/18/2025 4:04 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-9



Z = 0.7114 (two-tail)

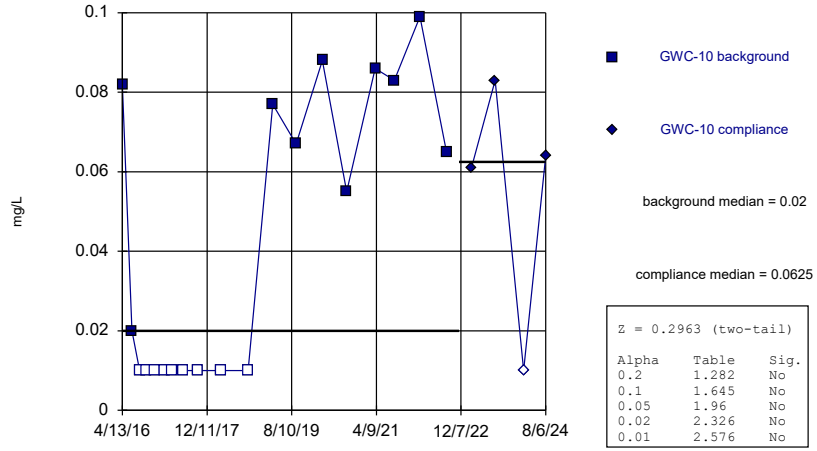
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Fluoride Analysis Run 6/18/2025 4:04 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-10



Z = 0.2963 (two-tail)

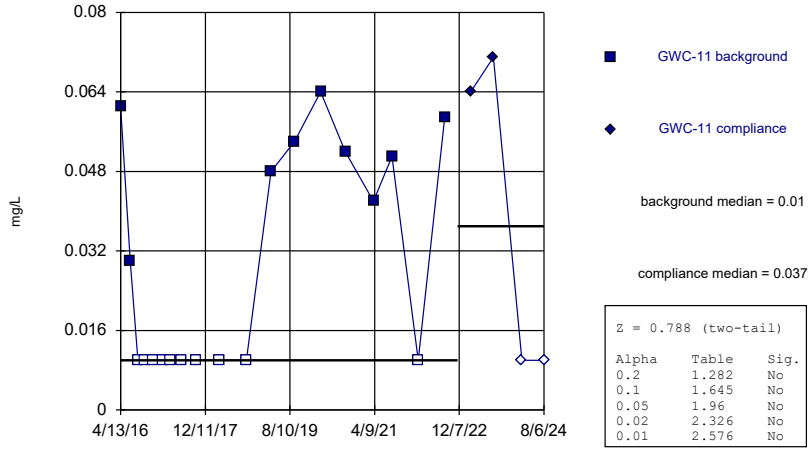
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Fluoride Analysis Run 6/18/2025 4:04 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-11



Z = 0.788 (two-tail)

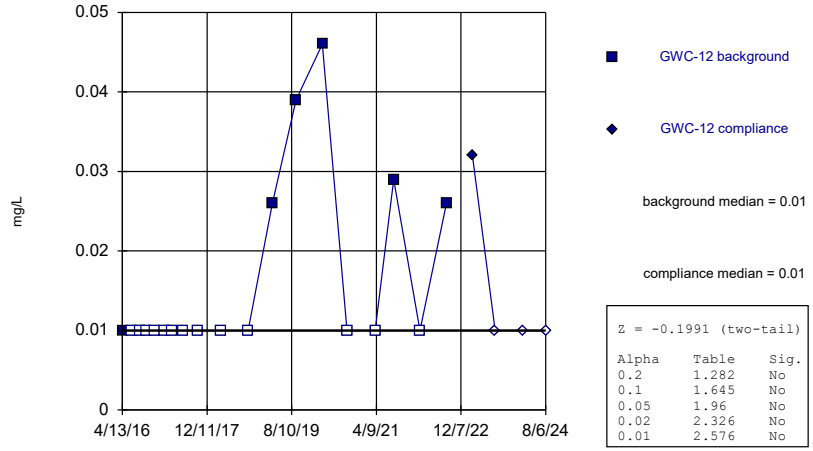
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Fluoride Analysis Run 6/18/2025 4:04 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-12



Z = -0.1991 (two-tail)

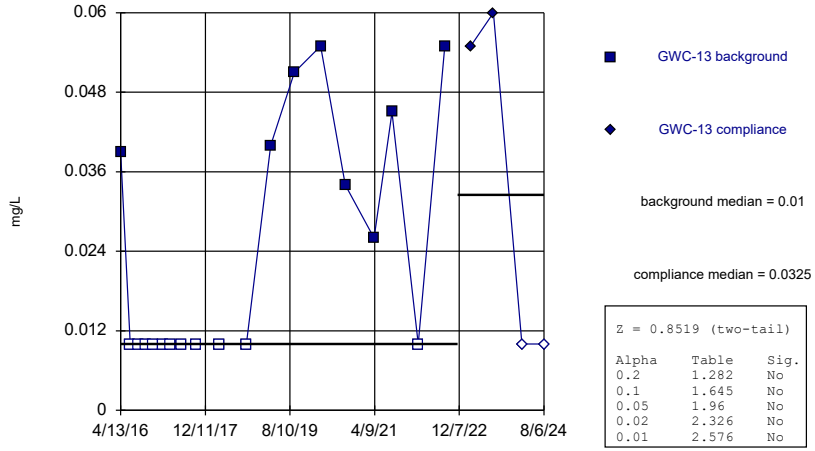
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Fluoride Analysis Run 6/18/2025 4:04 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-13



Z = 0.8519 (two-tail)

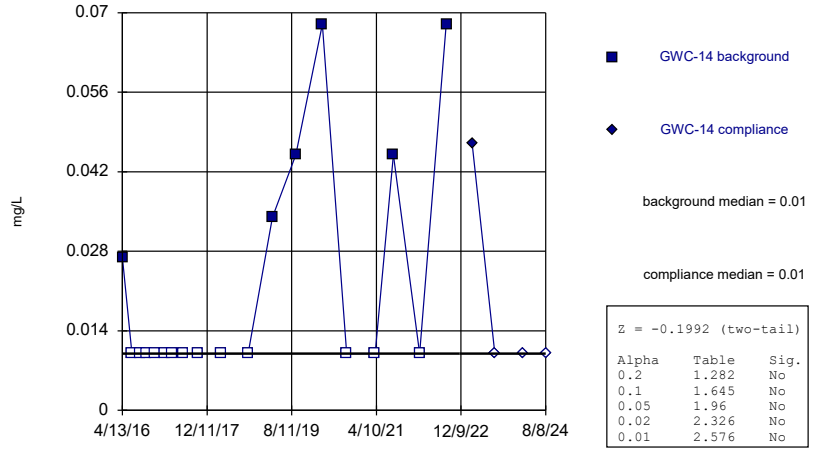
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Fluoride Analysis Run 6/18/2025 4:04 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-14



Z = -0.1992 (two-tail)

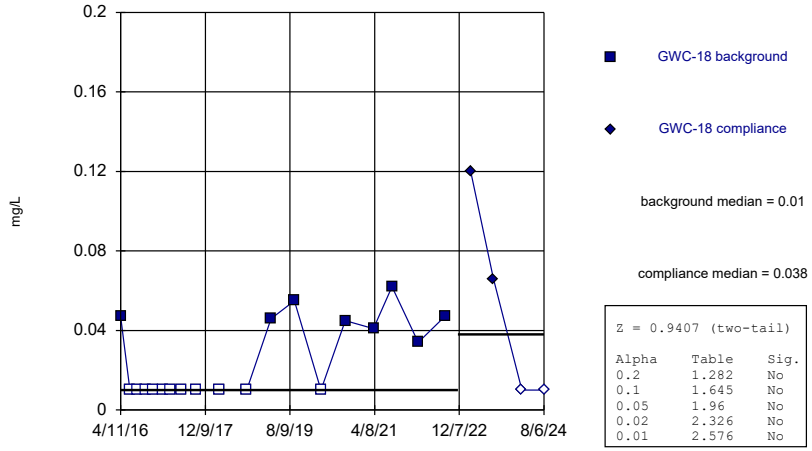
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Fluoride Analysis Run 6/18/2025 4:04 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-18



Z = 0.9407 (two-tail)

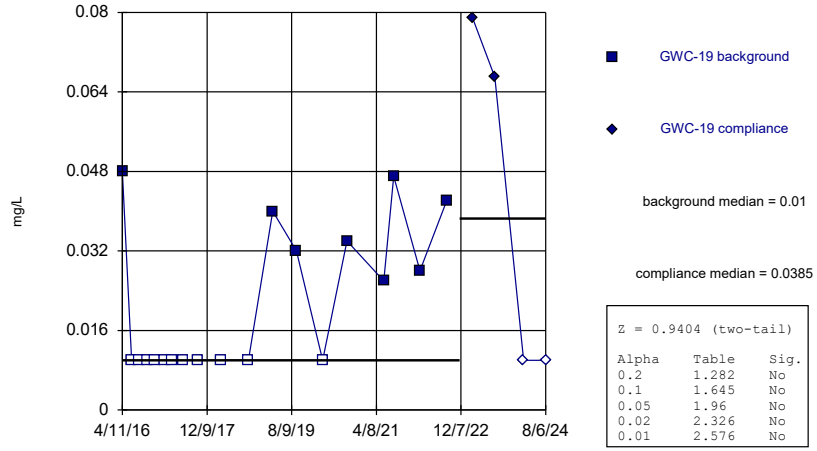
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Fluoride Analysis Run 6/18/2025 4:04 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-19



Z = 0.9404 (two-tail)

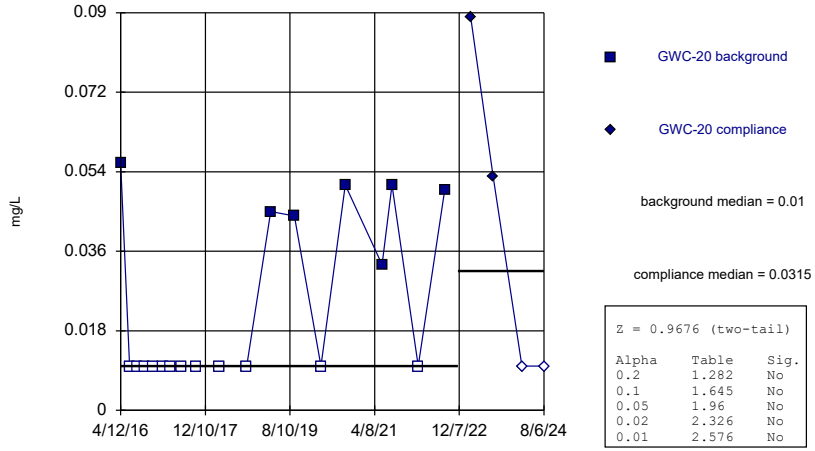
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Fluoride Analysis Run 6/18/2025 4:04 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-20



Z = 0.9676 (two-tail)

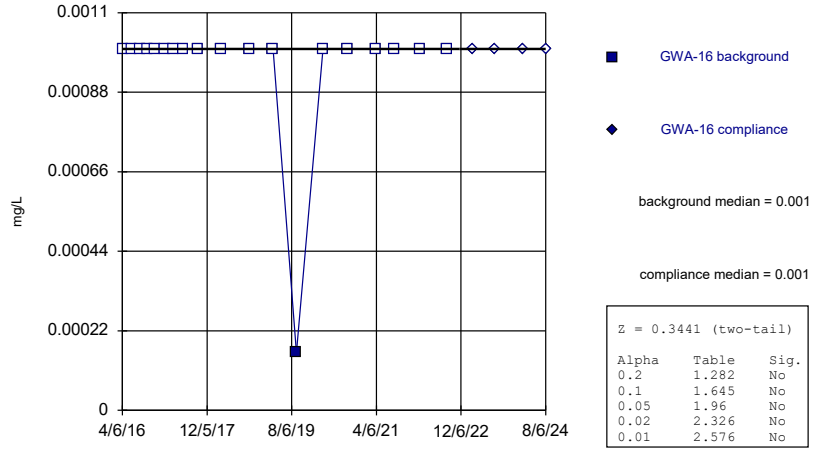
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Fluoride Analysis Run 6/18/2025 4:04 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-16 (bg)



Z = 0.3441 (two-tail)

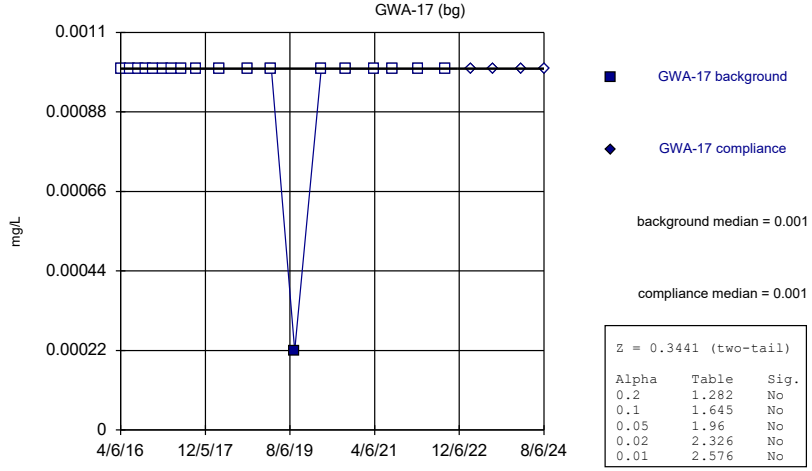
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Lead Analysis Run 6/18/2025 4:04 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-17 (bg)



Z = 0.3441 (two-tail)

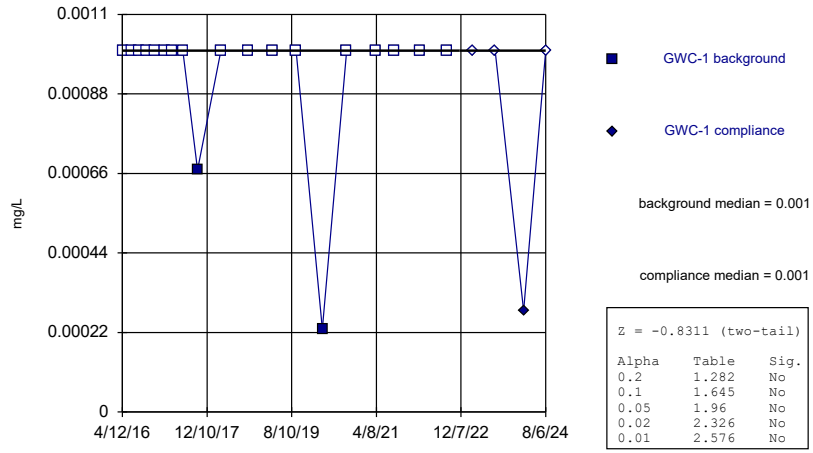
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Lead Analysis Run 6/18/2025 4:04 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-1



Z = -0.8311 (two-tail)

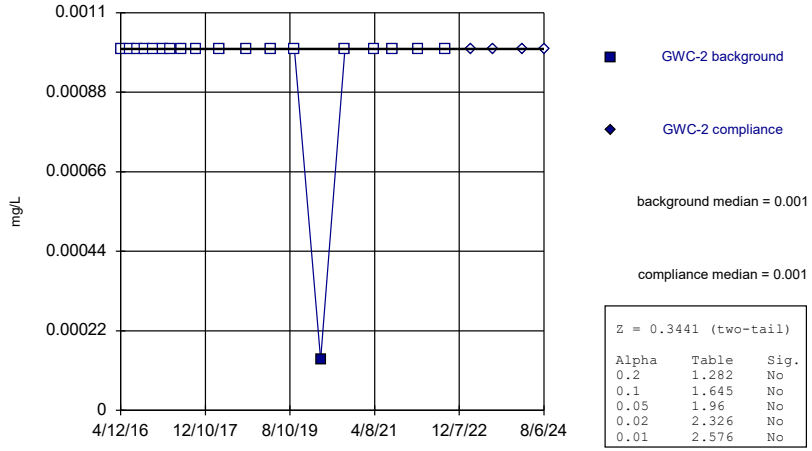
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Lead Analysis Run 6/18/2025 4:04 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-2



Z = 0.3441 (two-tail)

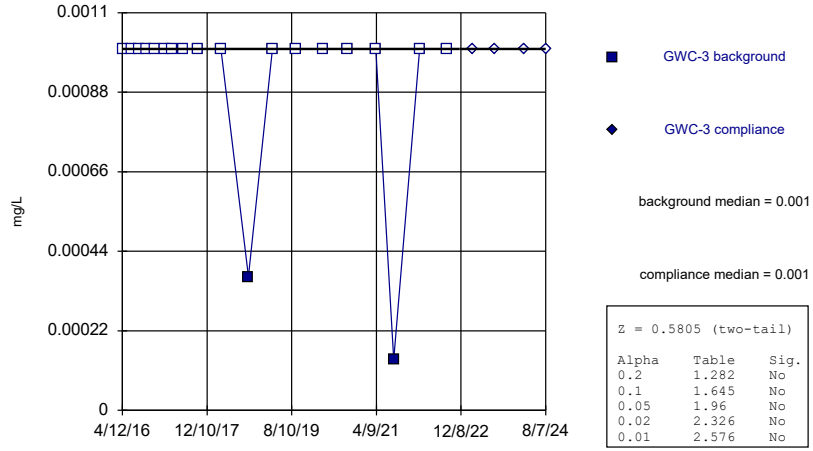
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Lead Analysis Run 6/18/2025 4:04 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-3



Z = 0.5805 (two-tail)

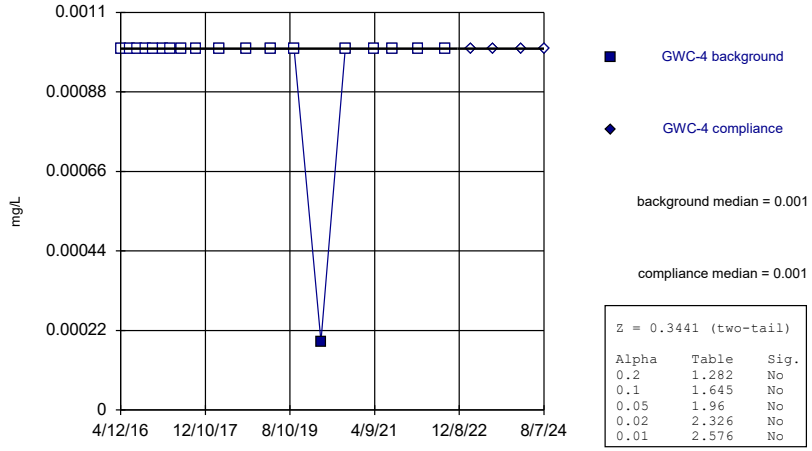
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Lead Analysis Run 6/18/2025 4:04 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-4



Z = 0.3441 (two-tail)

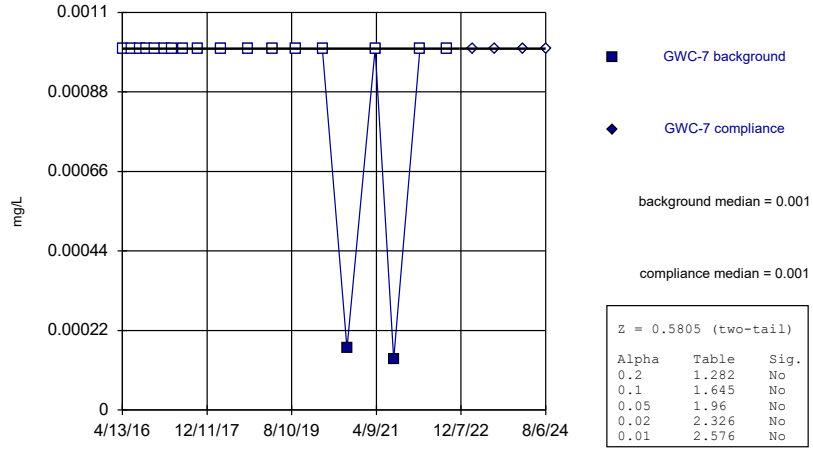
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Lead Analysis Run 6/18/2025 4:04 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-7



Z = 0.5805 (two-tail)

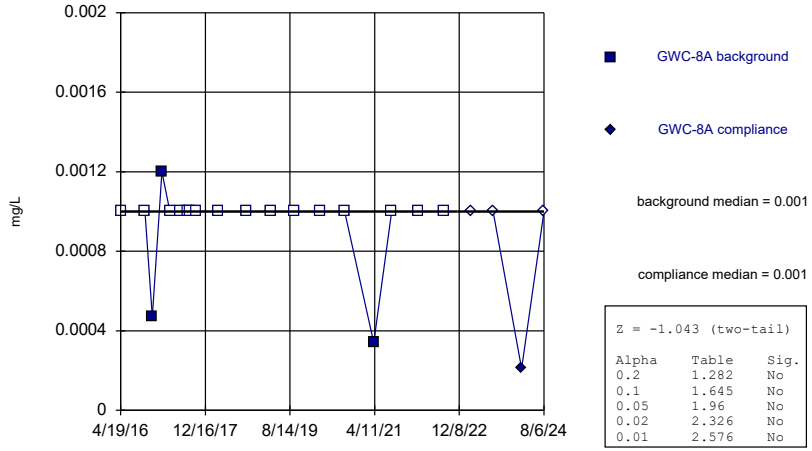
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Lead Analysis Run 6/18/2025 4:04 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-8A



Z = -1.043 (two-tail)

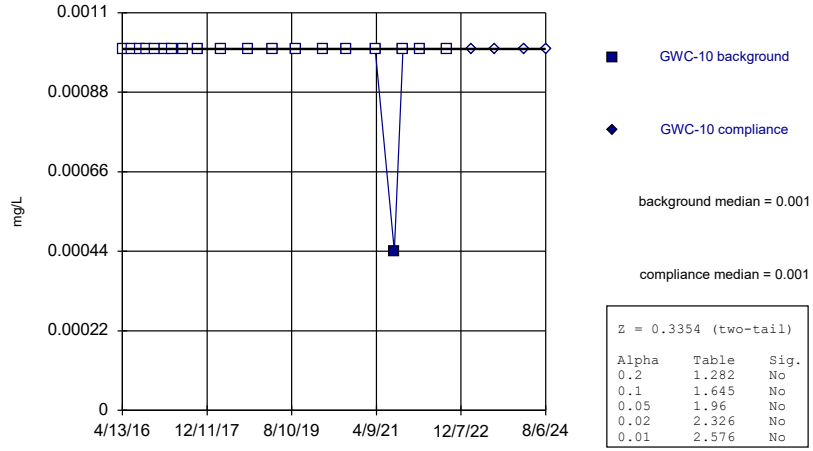
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Lead Analysis Run 6/18/2025 4:04 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-10



Z = 0.3354 (two-tail)

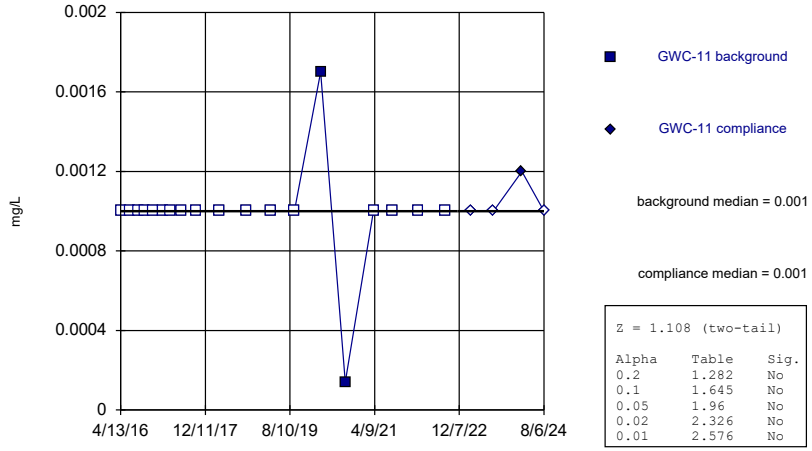
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Lead Analysis Run 6/18/2025 4:04 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-11



Z = 1.108 (two-tail)

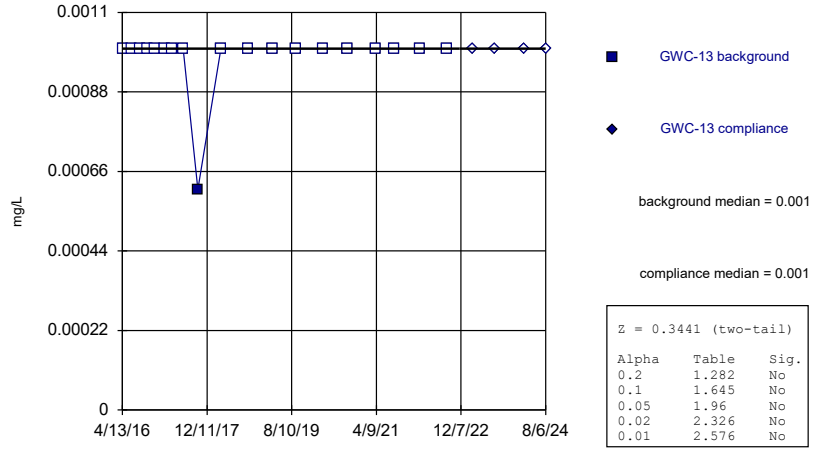
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Lead Analysis Run 6/18/2025 4:05 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-13



Z = 0.3441 (two-tail)

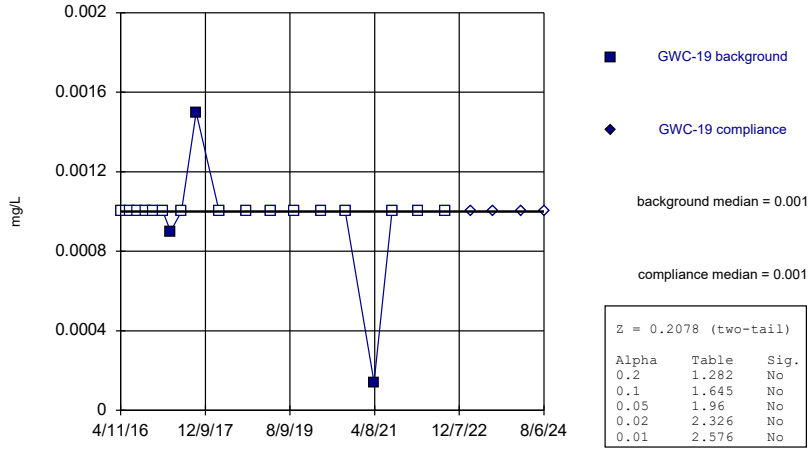
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Lead Analysis Run 6/18/2025 4:05 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-19



Z = 0.2078 (two-tail)

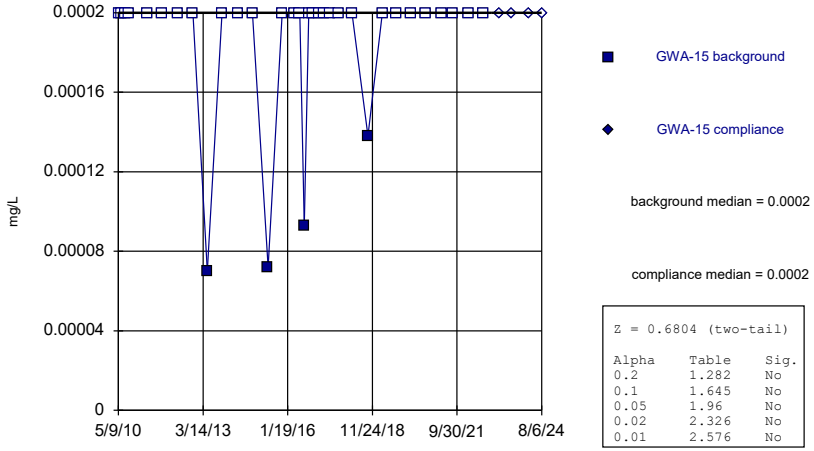
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Lead Analysis Run 6/18/2025 4:05 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-15 (bg)



Z = 0.6804 (two-tail)

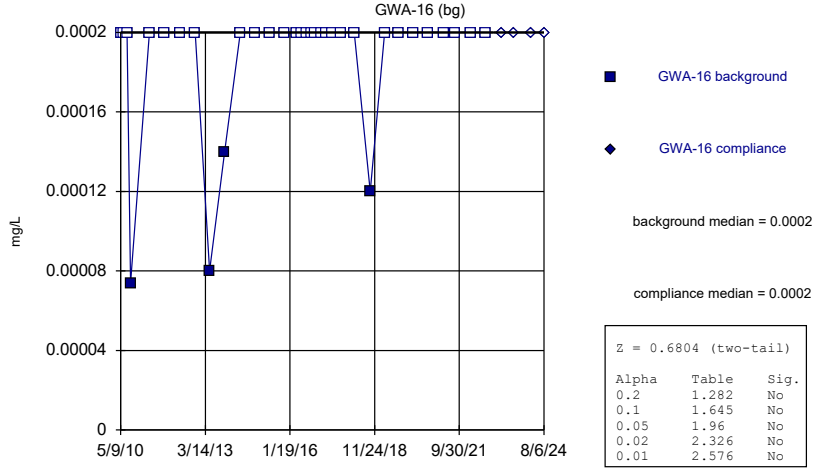
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Mercury Analysis Run 6/18/2025 4:05 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-16 (bg)



Z = 0.6804 (two-tail)

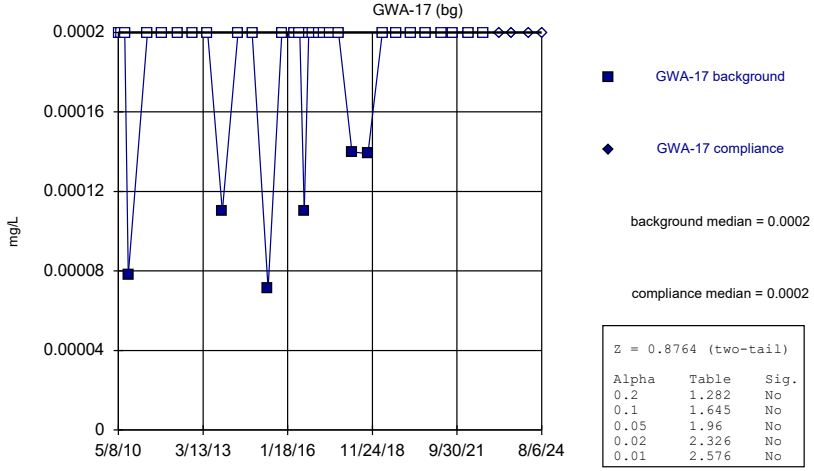
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Mercury Analysis Run 6/18/2025 4:05 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-17 (bg)

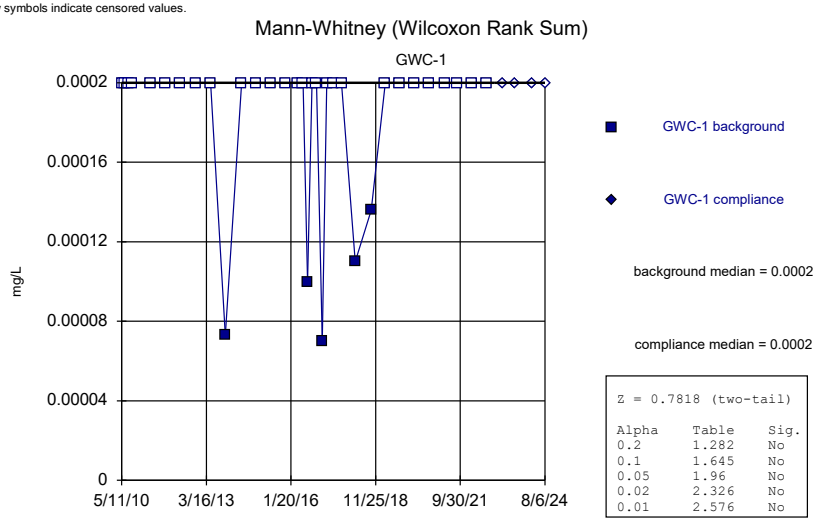


Z = 0.8764 (two-tail)

Alpha	Table	Sig.
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0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

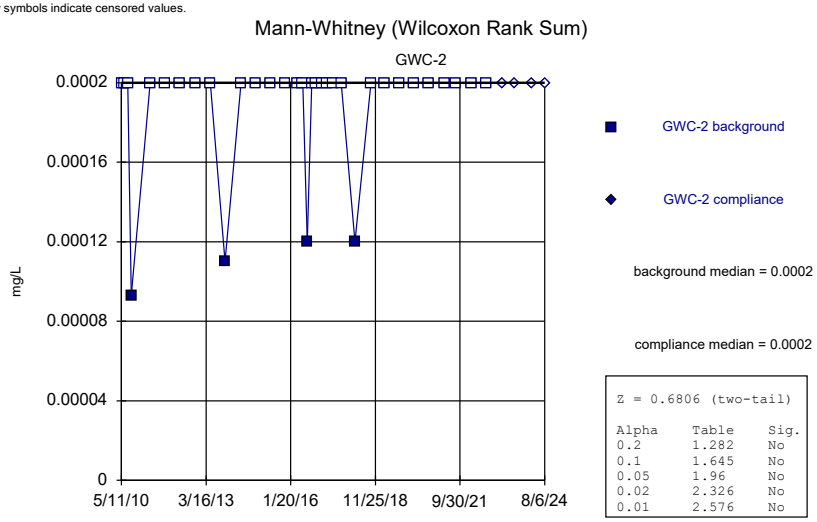
Constituent: Mercury Analysis Run 6/18/2025 4:05 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.



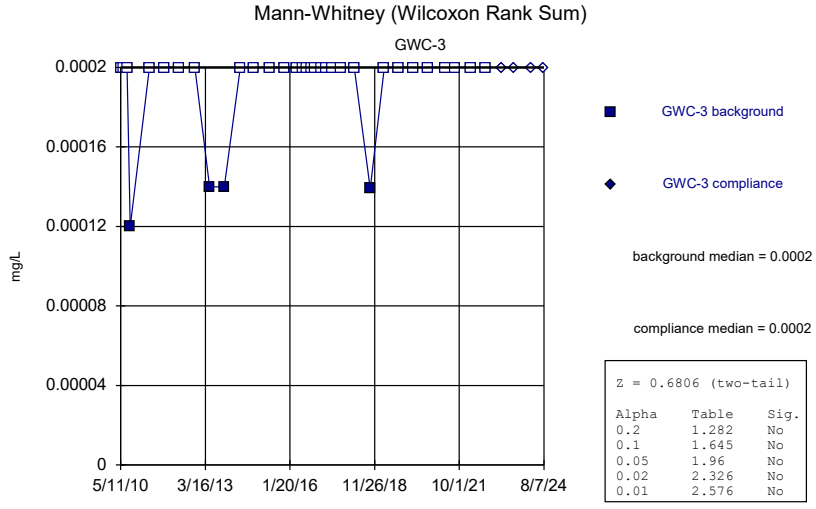
Constituent: Mercury Analysis Run 6/18/2025 4:05 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.



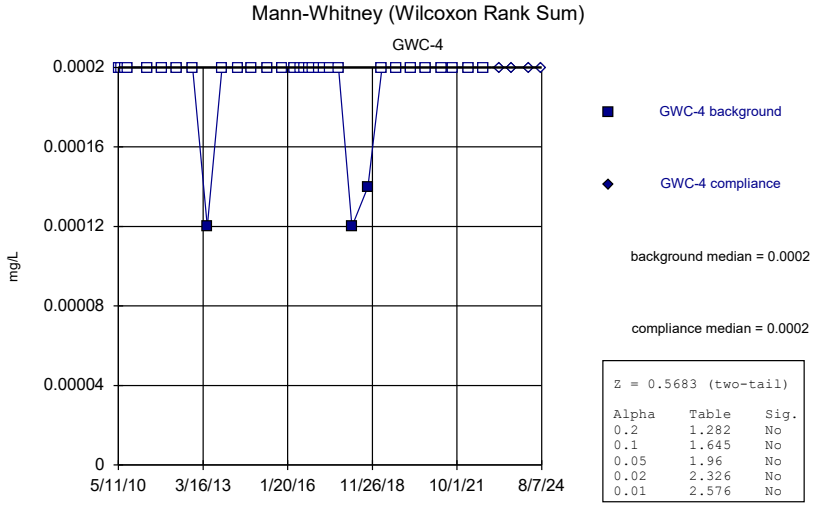
Constituent: Mercury Analysis Run 6/18/2025 4:05 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.



Constituent: Mercury Analysis Run 6/18/2025 4:05 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

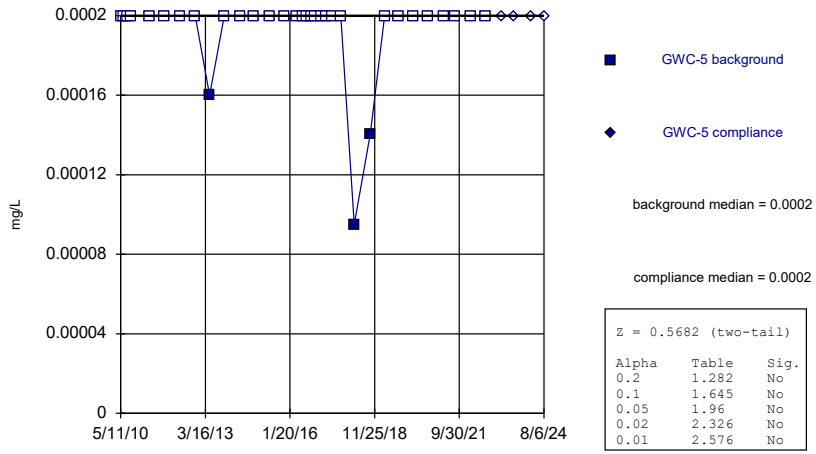


Constituent: Mercury Analysis Run 6/18/2025 4:05 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-5



Z = 0.5682 (two-tail)

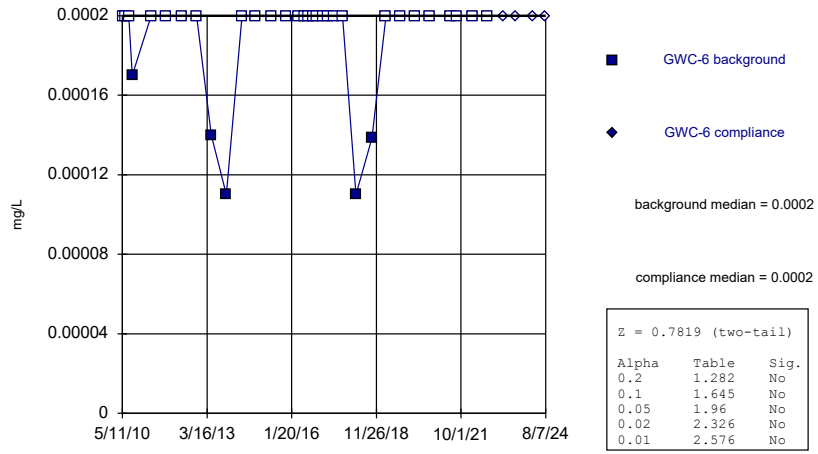
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Mercury Analysis Run 6/18/2025 4:05 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-6



Z = 0.7819 (two-tail)

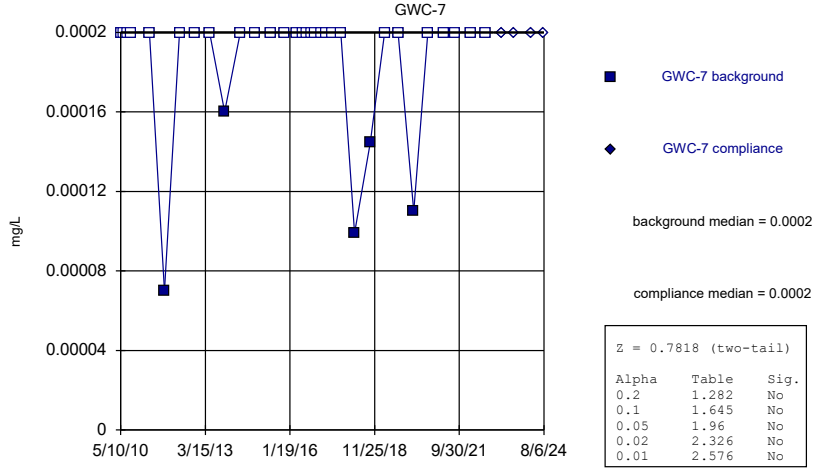
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Mercury Analysis Run 6/18/2025 4:05 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-7



Z = 0.7818 (two-tail)

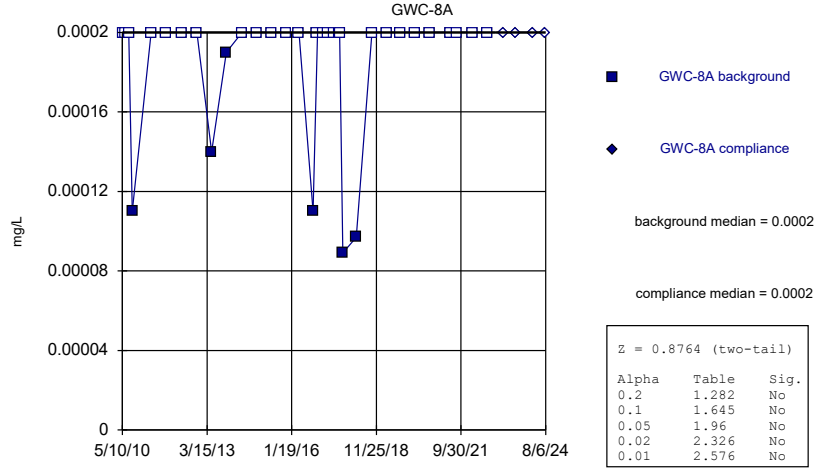
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Mercury Analysis Run 6/18/2025 4:05 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-8A



Z = 0.8764 (two-tail)

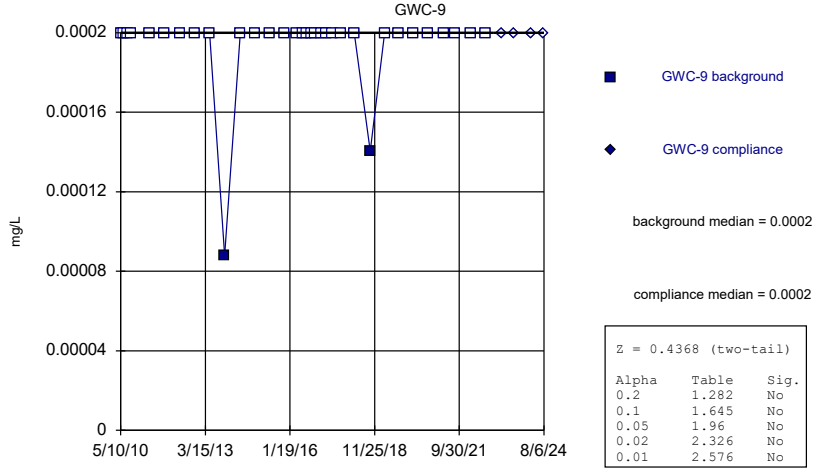
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Mercury Analysis Run 6/18/2025 4:05 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-9



Z = 0.4368 (two-tail)

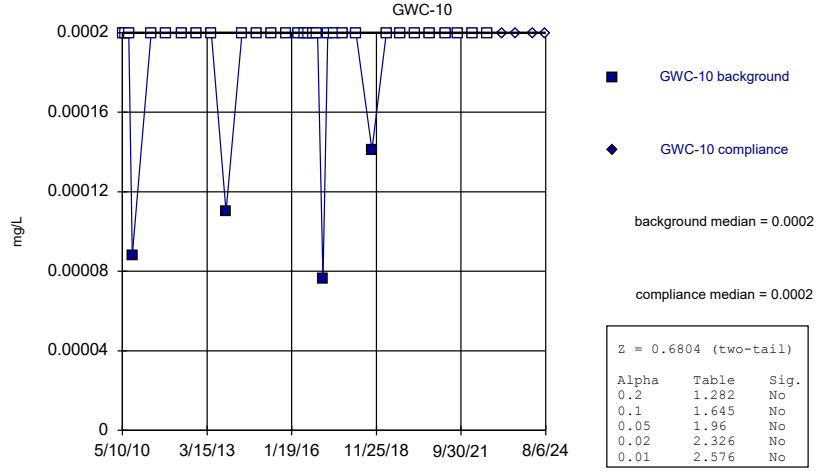
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Mercury Analysis Run 6/18/2025 4:05 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-10



Z = 0.6804 (two-tail)

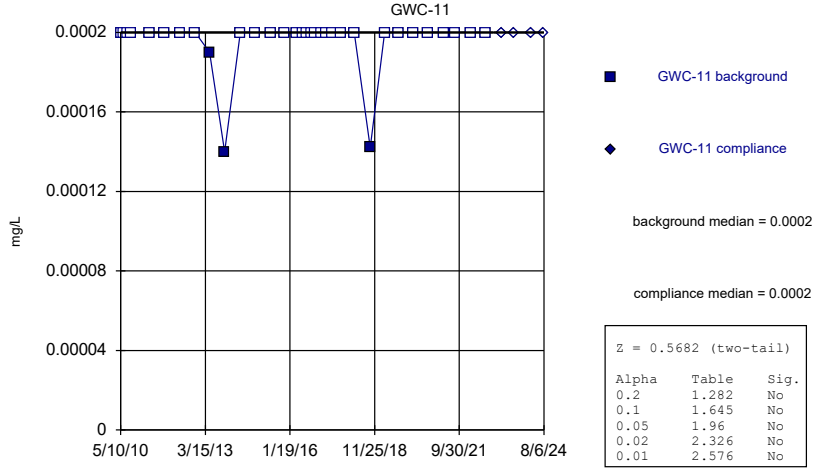
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Mercury Analysis Run 6/18/2025 4:05 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-11



Z = 0.5682 (two-tail)

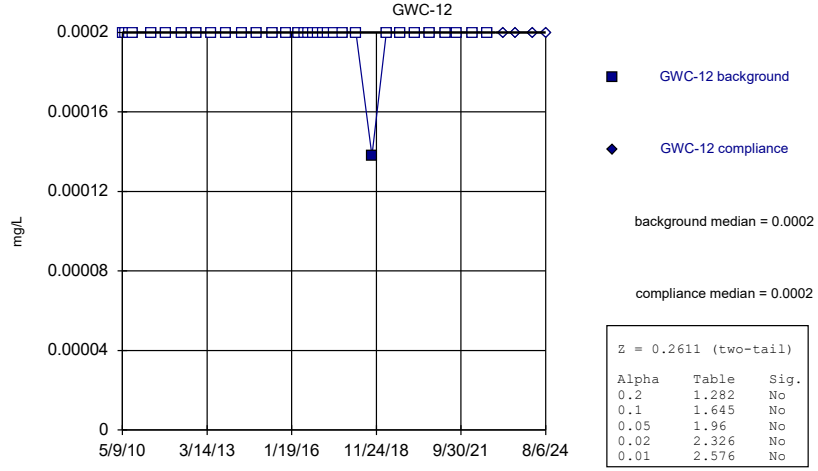
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Mercury Analysis Run 6/18/2025 4:05 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-12



Z = 0.2611 (two-tail)

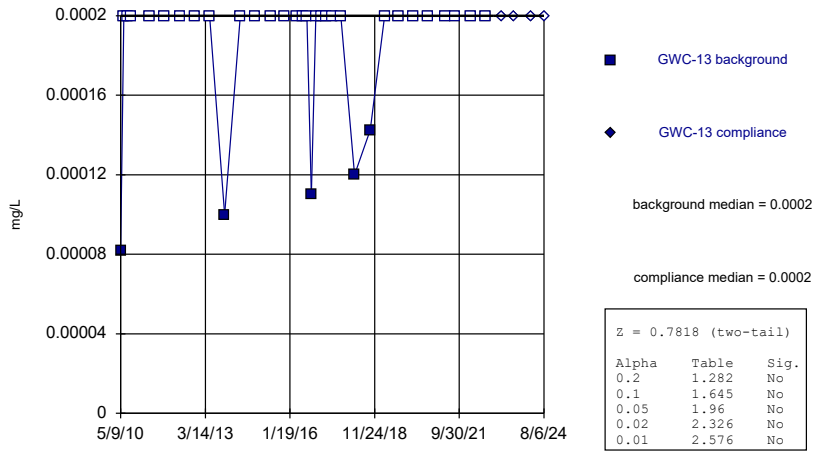
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Mercury Analysis Run 6/18/2025 4:05 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-13



Z = 0.7818 (two-tail)

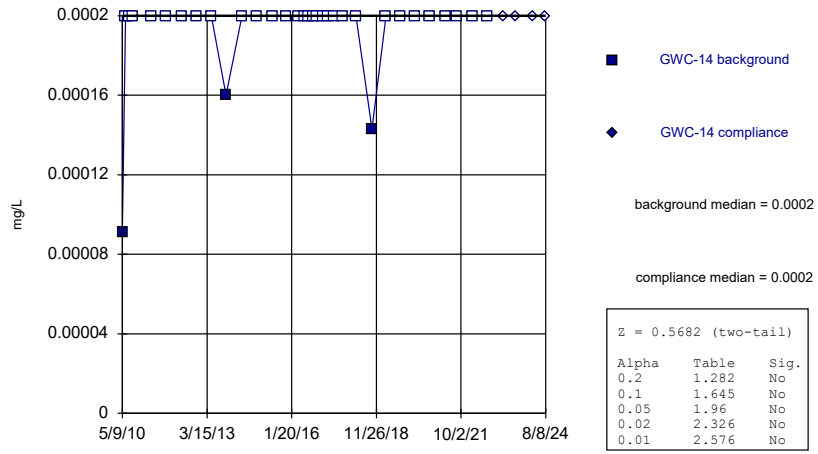
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Mercury Analysis Run 6/18/2025 4:05 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-14



Z = 0.5682 (two-tail)

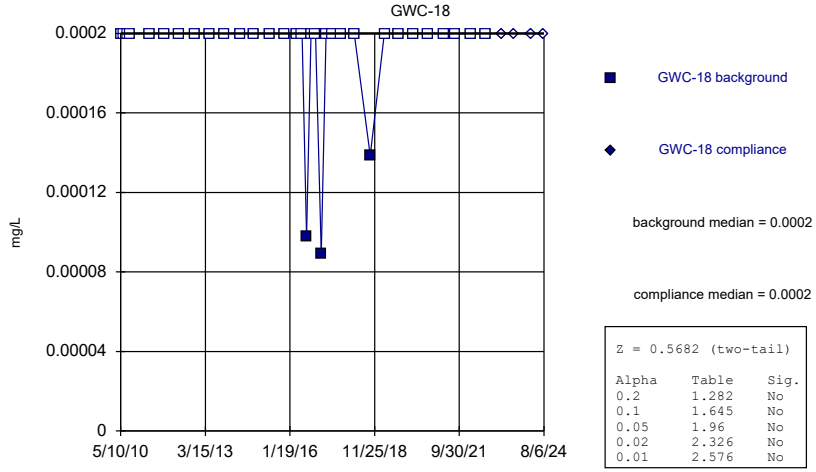
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Mercury Analysis Run 6/18/2025 4:05 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-18



Z = 0.5682 (two-tail)

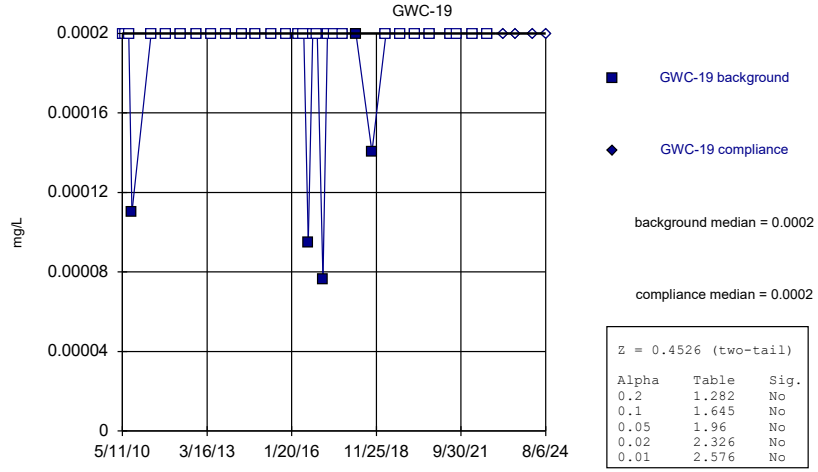
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Mercury Analysis Run 6/18/2025 4:05 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-19



Z = 0.4526 (two-tail)

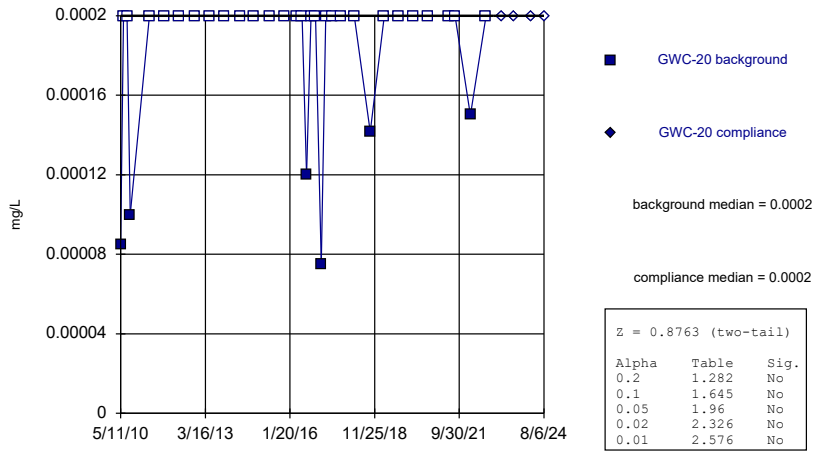
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Mercury Analysis Run 6/18/2025 4:05 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-20



Z = 0.8763 (two-tail)

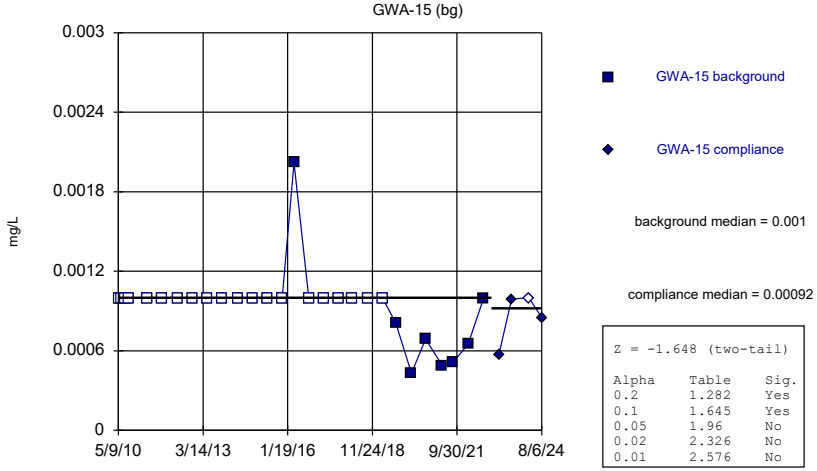
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Mercury Analysis Run 6/18/2025 4:05 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-15 (bg)



Z = -1.648 (two-tail)

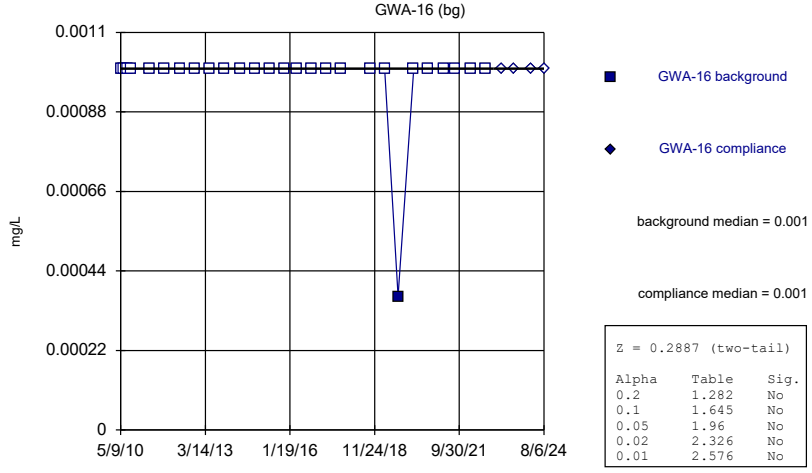
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Nickel Analysis Run 6/18/2025 4:05 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-16 (bg)



Z = 0.2887 (two-tail)

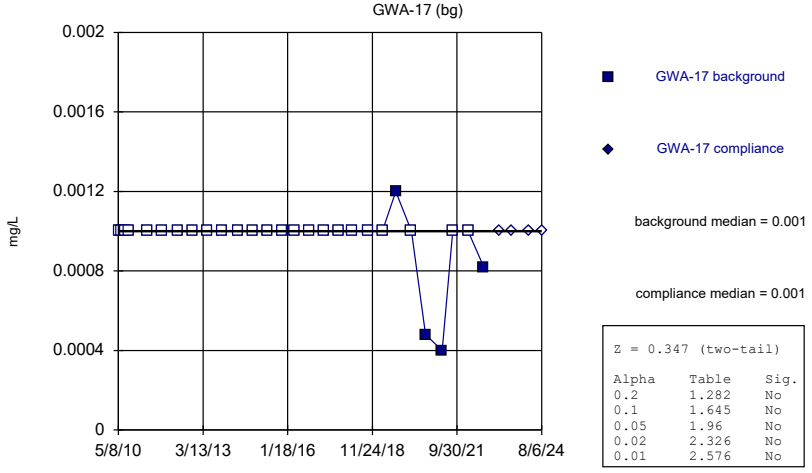
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Nickel Analysis Run 6/18/2025 4:05 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-17 (bg)



Z = 0.347 (two-tail)

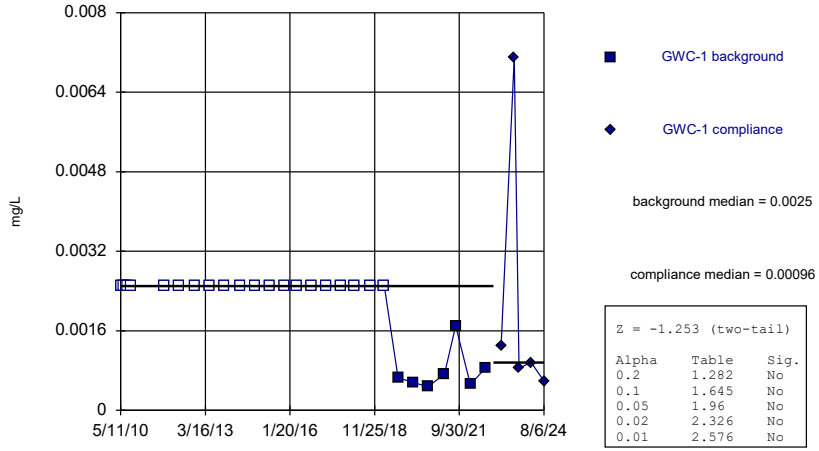
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Nickel Analysis Run 6/18/2025 4:05 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-1



Z = -1.253 (two-tail)

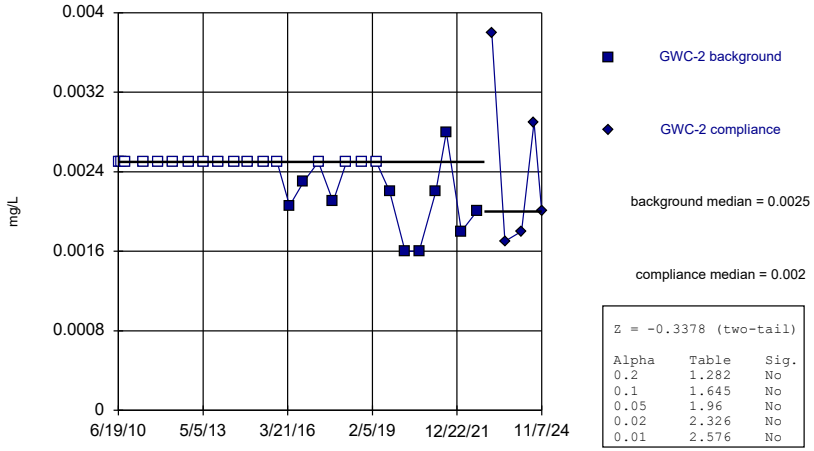
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Nickel Analysis Run 6/18/2025 4:05 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-2



Z = -0.3378 (two-tail)

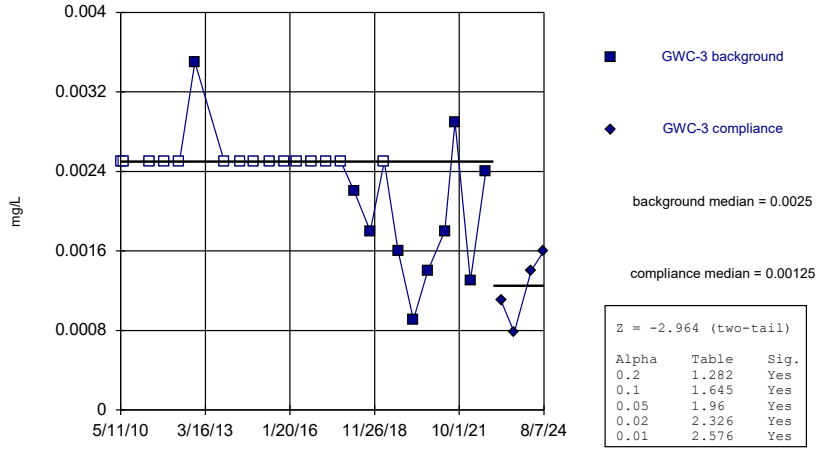
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Nickel Analysis Run 6/18/2025 4:05 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-3



Z = -2.964 (two-tail)

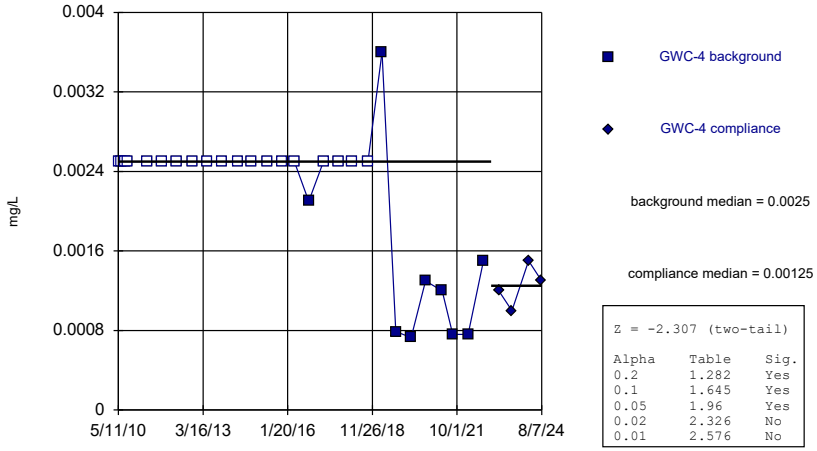
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Nickel Analysis Run 6/18/2025 4:05 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-4



Z = -2.307 (two-tail)

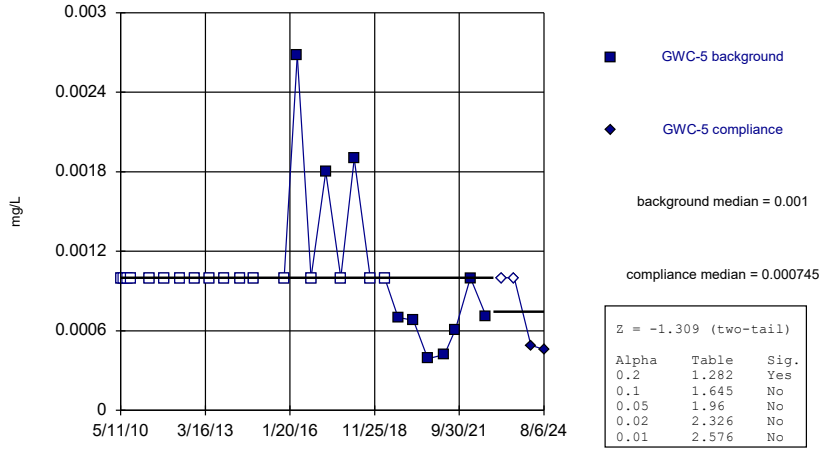
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	No
0.01	2.576	No

Constituent: Nickel Analysis Run 6/18/2025 4:05 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-5



Z = -1.309 (two-tail)

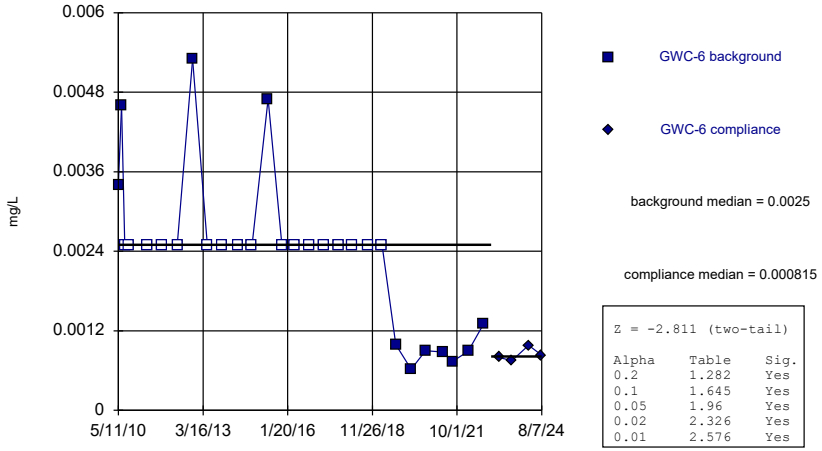
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Nickel Analysis Run 6/18/2025 4:05 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-6



Z = -2.811 (two-tail)

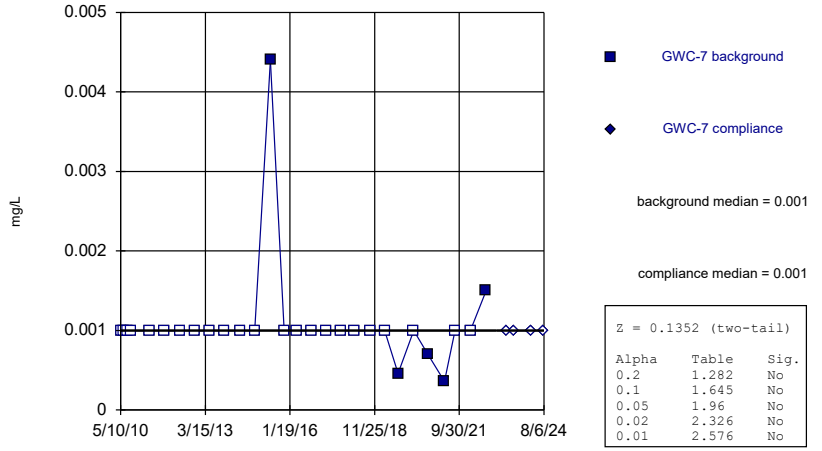
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Nickel Analysis Run 6/18/2025 4:05 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-7



Z = 0.1352 (two-tail)

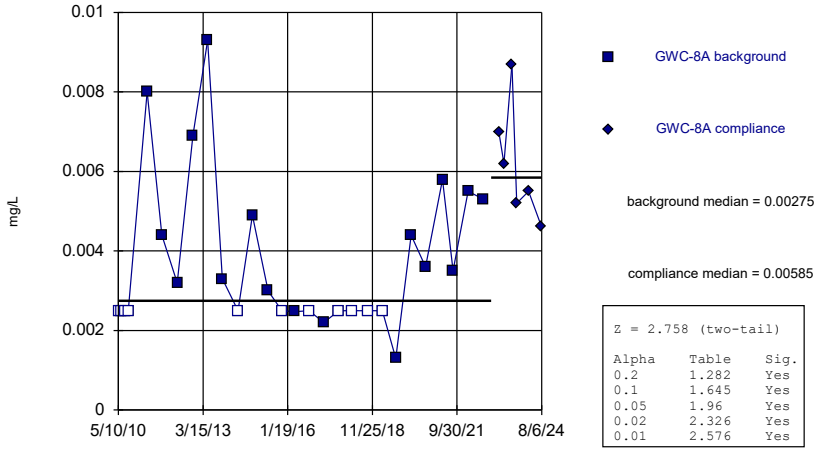
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Nickel Analysis Run 6/18/2025 4:05 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-8A



Z = 2.758 (two-tail)

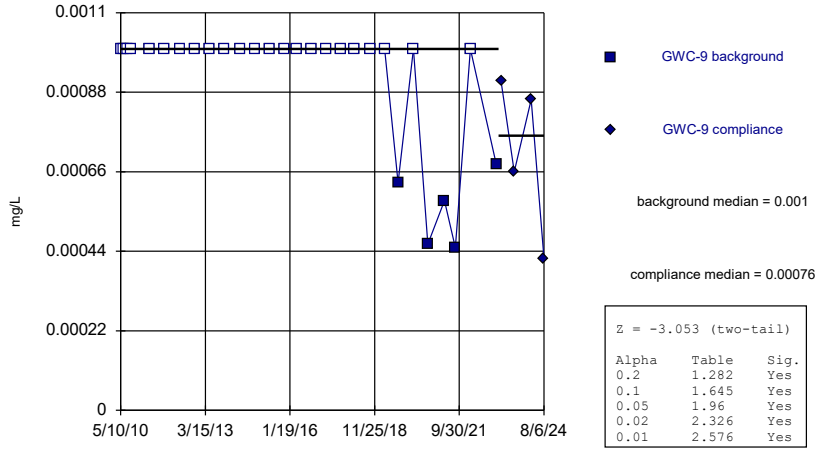
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Nickel Analysis Run 6/18/2025 4:05 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-9



Z = -3.053 (two-tail)

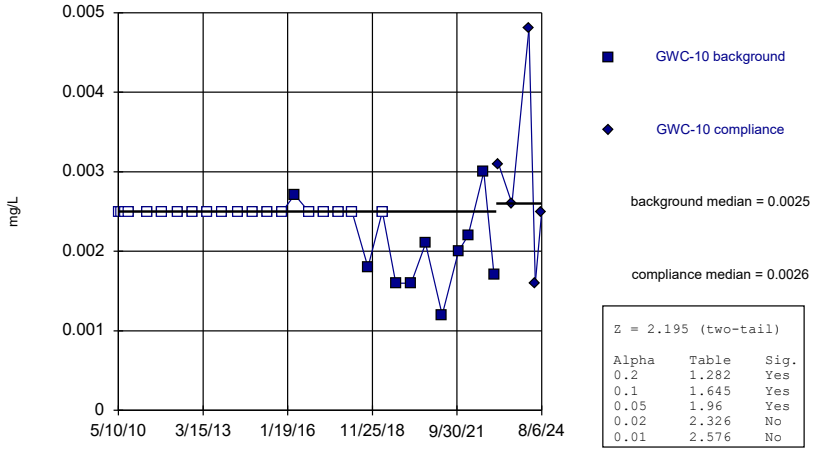
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Nickel Analysis Run 6/18/2025 4:05 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-10



Z = 2.195 (two-tail)

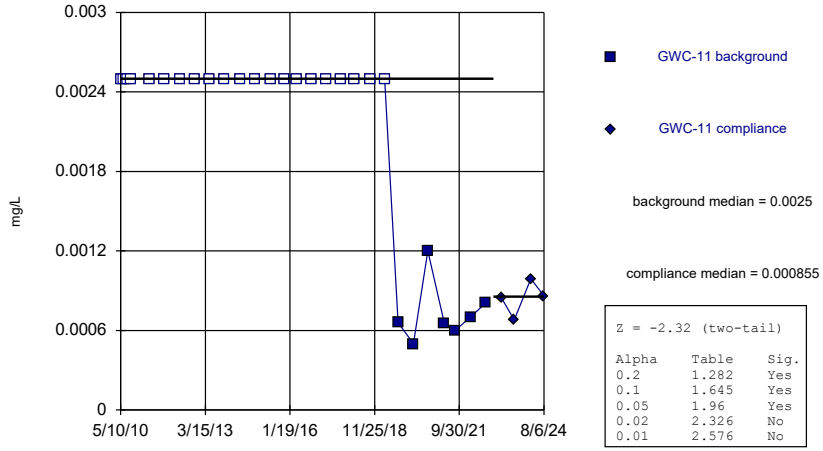
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	No
0.01	2.576	No

Constituent: Nickel Analysis Run 6/18/2025 4:05 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-11



Z = -2.32 (two-tail)

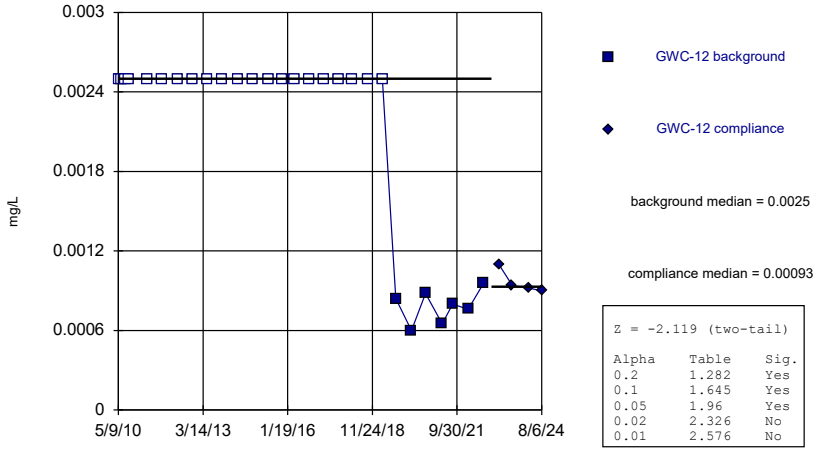
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	No
0.01	2.576	No

Constituent: Nickel Analysis Run 6/18/2025 4:05 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-12



Z = -2.119 (two-tail)

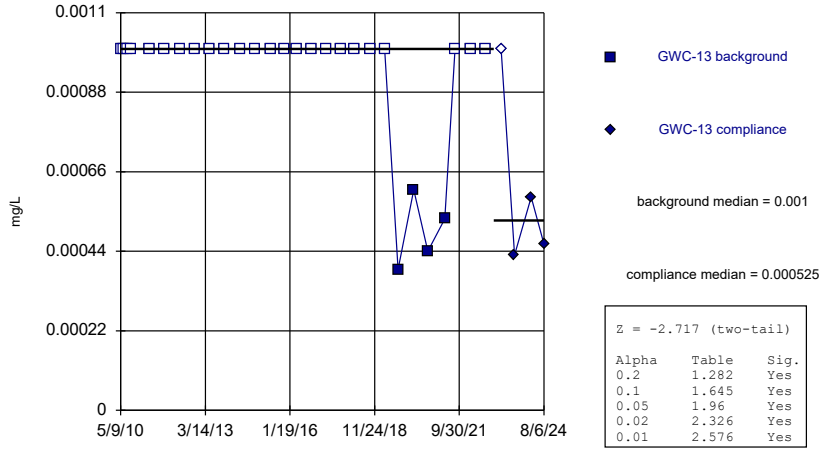
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	No
0.01	2.576	No

Constituent: Nickel Analysis Run 6/18/2025 4:05 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-13



Z = -2.717 (two-tail)

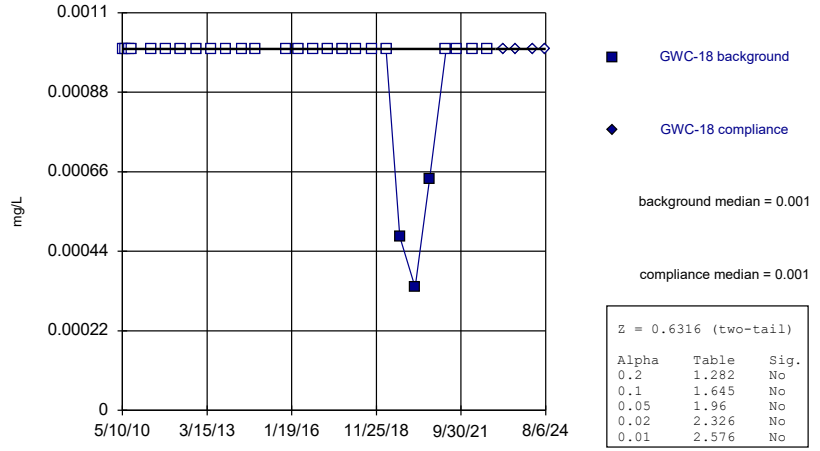
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Nickel Analysis Run 6/18/2025 4:05 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-18



Z = 0.6316 (two-tail)

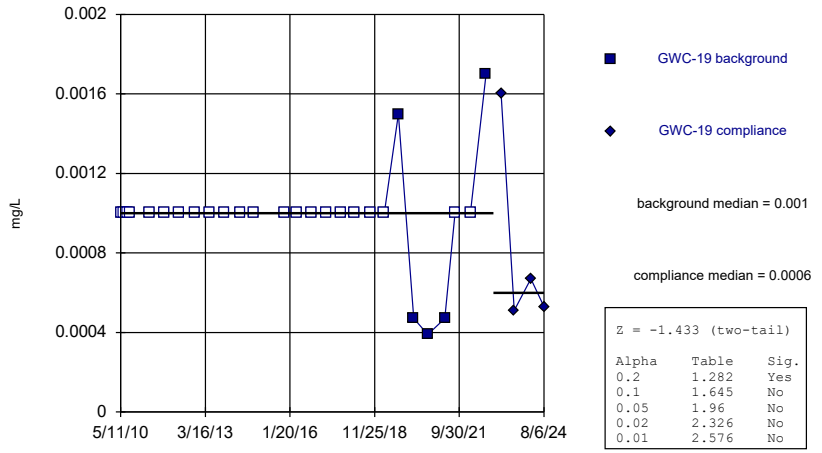
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Nickel Analysis Run 6/18/2025 4:05 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-19



Z = -1.433 (two-tail)

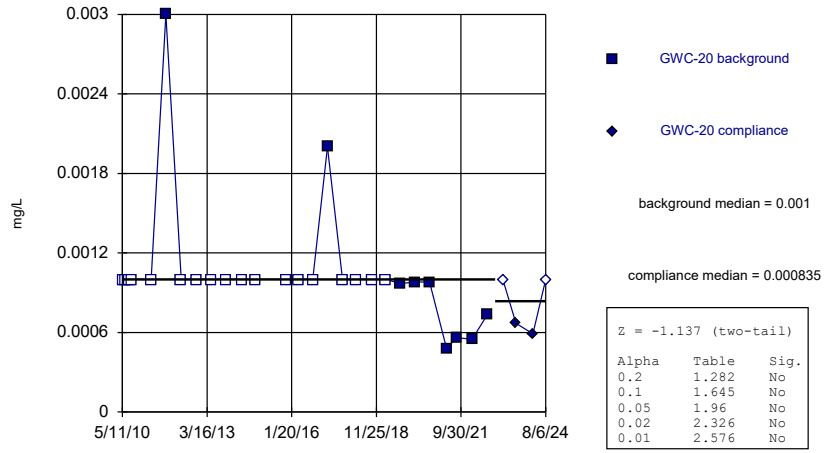
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Nickel Analysis Run 6/18/2025 4:05 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-20



Z = -1.137 (two-tail)

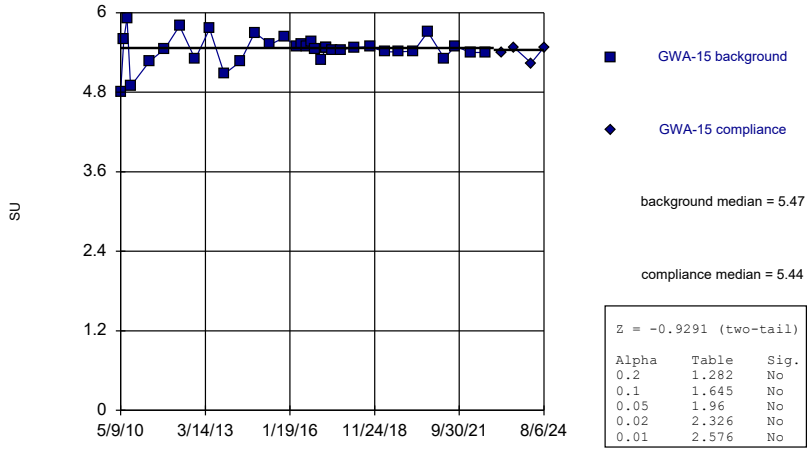
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Nickel Analysis Run 6/18/2025 4:06 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWA-15 (bg)



Z = -0.9291 (two-tail)

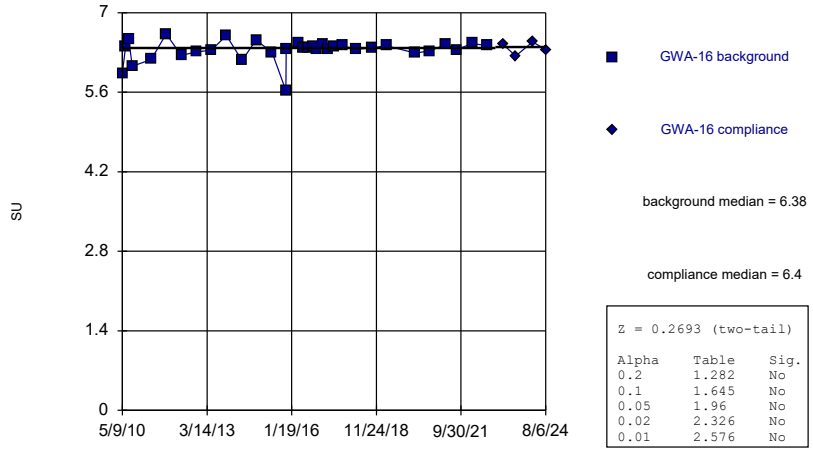
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: pH, Field Analysis Run 6/18/2025 4:06 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWA-16 (bg)



Z = 0.2693 (two-tail)

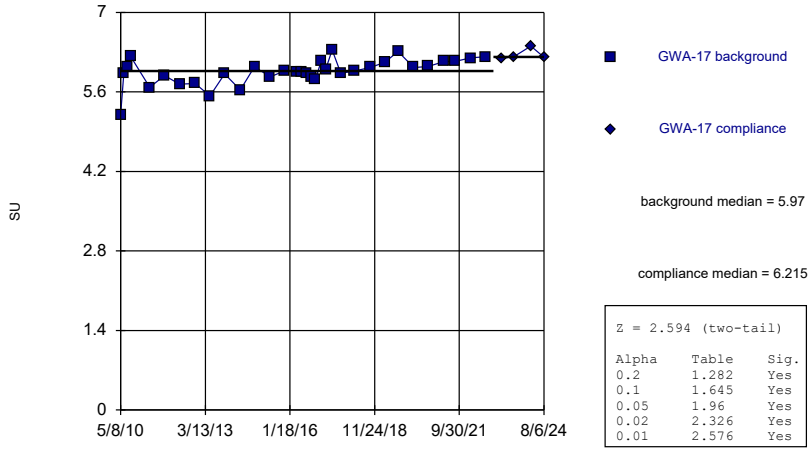
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: pH, Field Analysis Run 6/18/2025 4:06 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWA-17 (bg)



Z = 2.594 (two-tail)

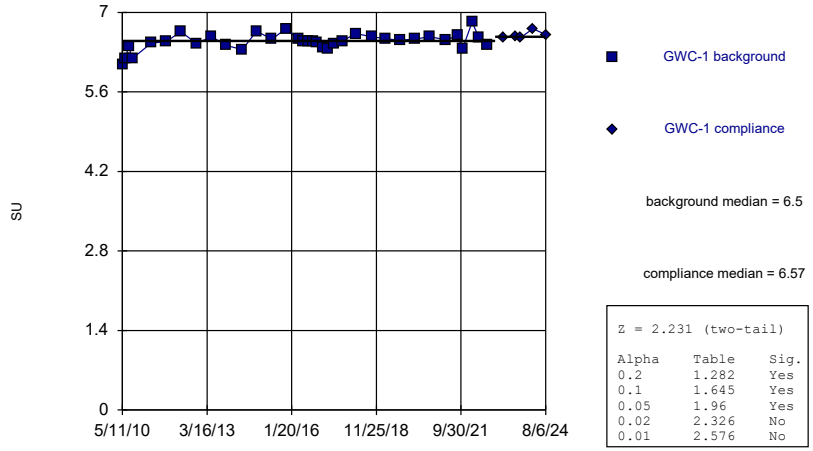
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: pH, Field Analysis Run 6/18/2025 4:06 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-1



Z = 2.231 (two-tail)

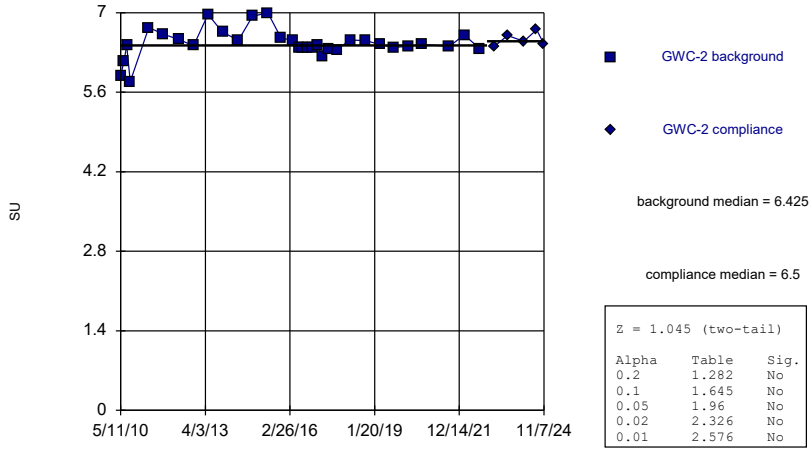
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	No
0.01	2.576	No

Constituent: pH, Field Analysis Run 6/18/2025 4:06 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-2



background median = 6.425

compliance median = 6.5

Z = 1.045 (two-tail)

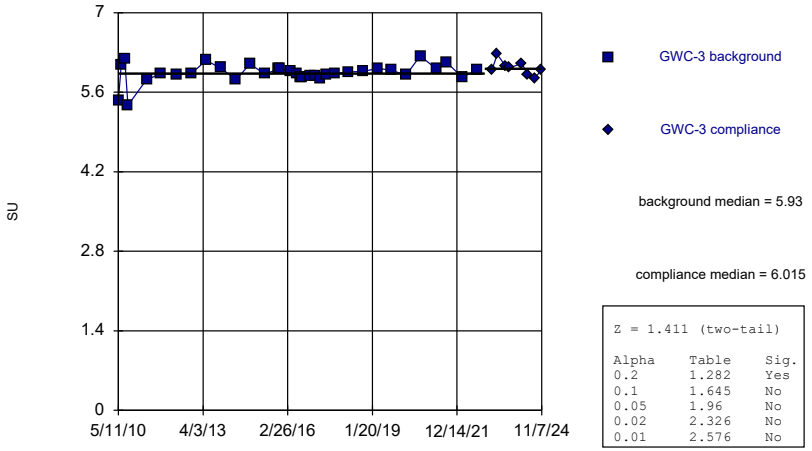
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: pH, Field Analysis Run 6/18/2025 4:06 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-3



background median = 5.93

compliance median = 6.015

Z = 1.411 (two-tail)

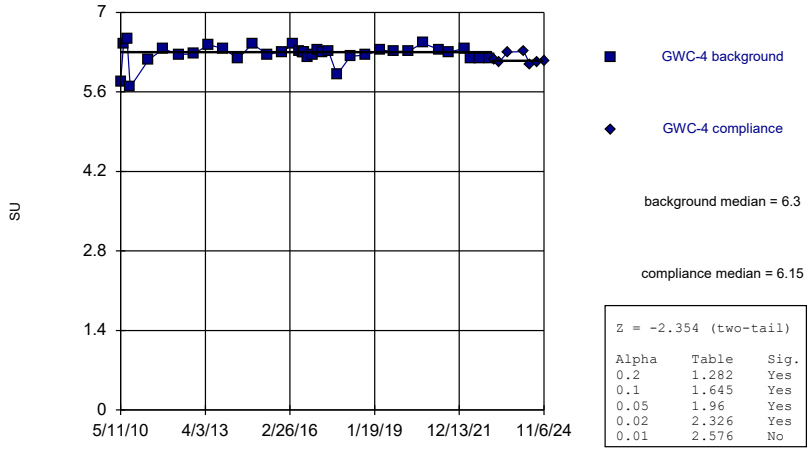
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: pH, Field Analysis Run 6/18/2025 4:06 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-4



background median = 6.3

compliance median = 6.15

Z = -2.354 (two-tail)

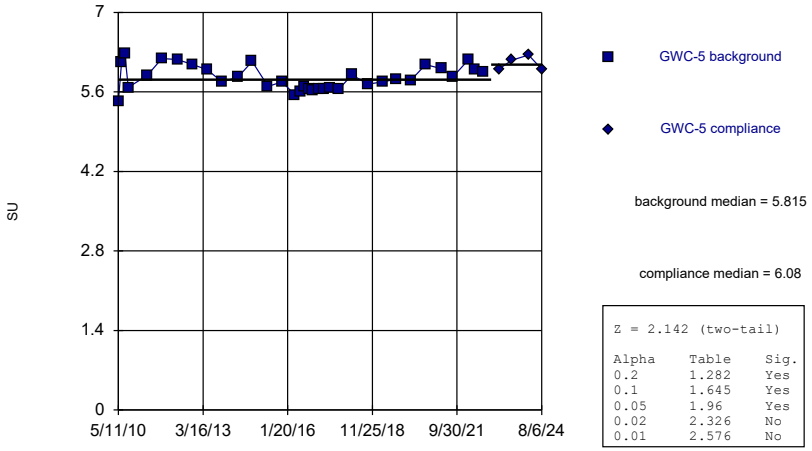
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	No

Constituent: pH, Field Analysis Run 6/18/2025 4:06 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-5



background median = 5.815

compliance median = 6.08

Z = 2.142 (two-tail)

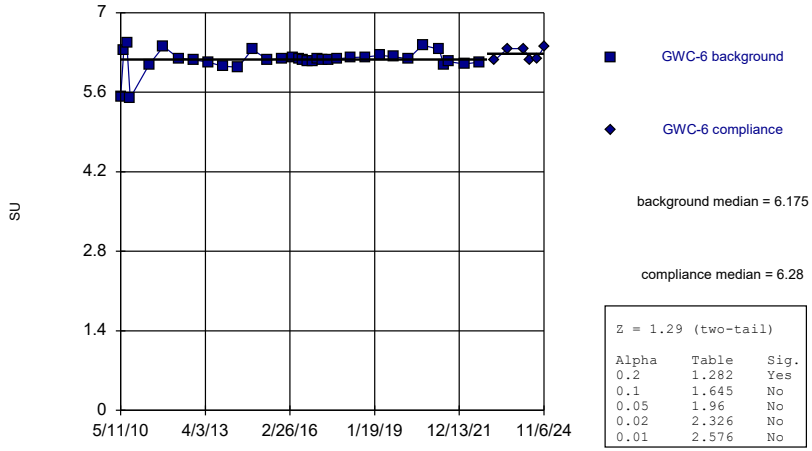
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	No
0.01	2.576	No

Constituent: pH, Field Analysis Run 6/18/2025 4:06 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-6



background median = 6.175

compliance median = 6.28

Z = 1.29 (two-tail)

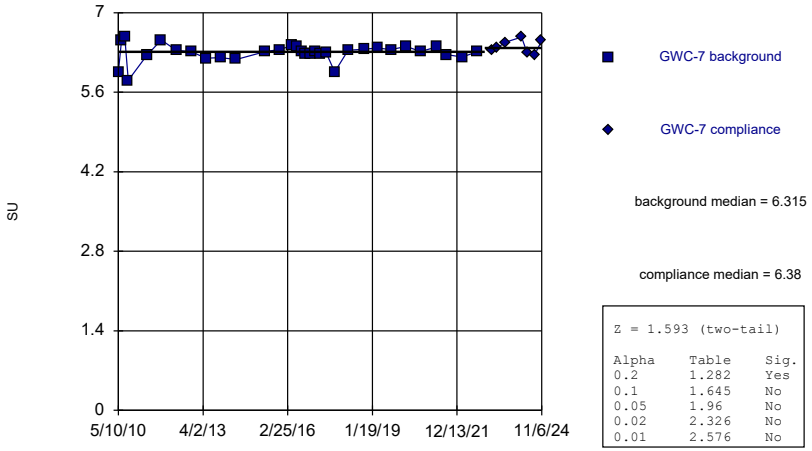
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: pH, Field Analysis Run 6/18/2025 4:06 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-7



background median = 6.315

compliance median = 6.38

Z = 1.593 (two-tail)

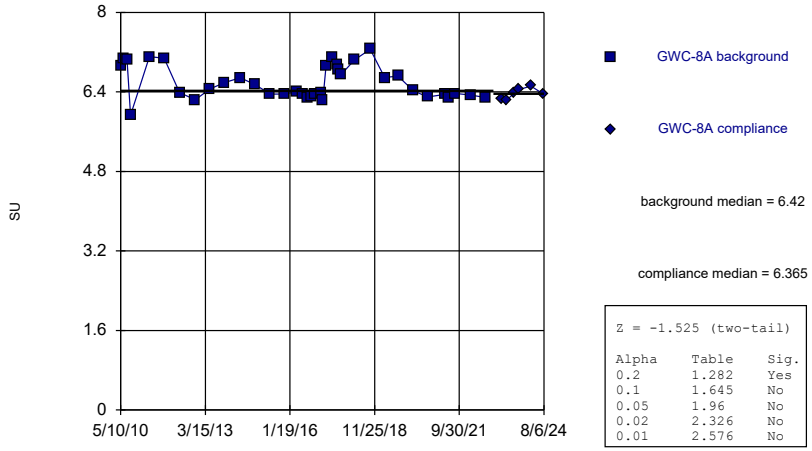
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: pH, Field Analysis Run 6/18/2025 4:06 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-8A



background median = 6.42

compliance median = 6.365

Z = -1.525 (two-tail)

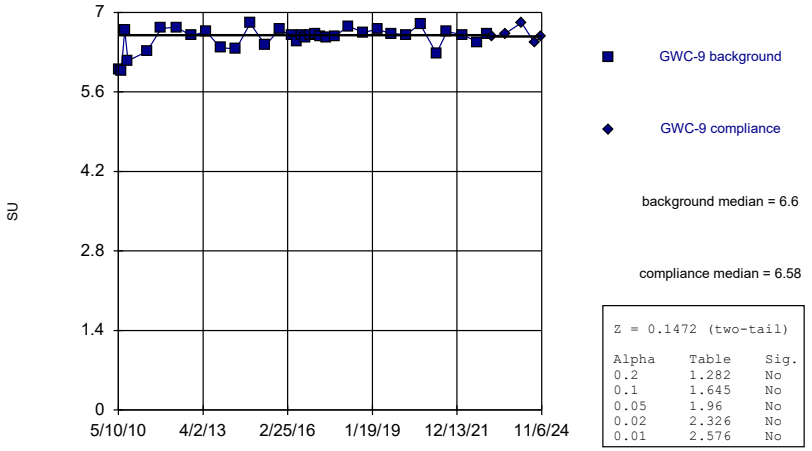
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: pH, Field Analysis Run 6/18/2025 4:06 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-9



background median = 6.6

compliance median = 6.58

Z = 0.1472 (two-tail)

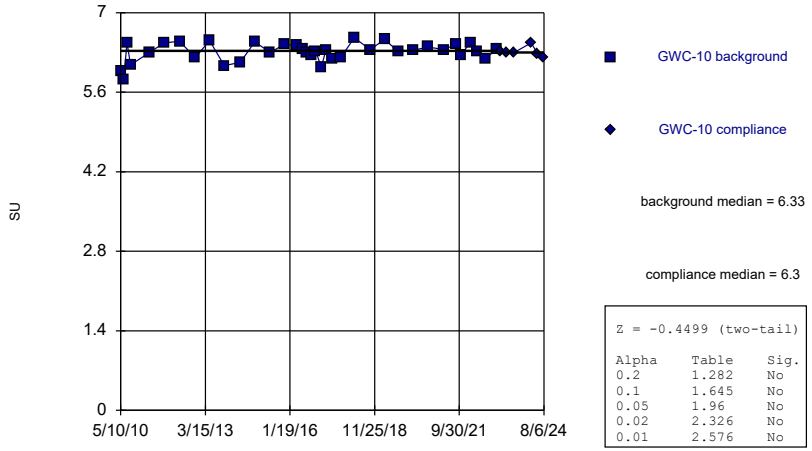
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: pH, Field Analysis Run 6/18/2025 4:06 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-10



background median = 6.33

compliance median = 6.3

Z = -0.4499 (two-tail)

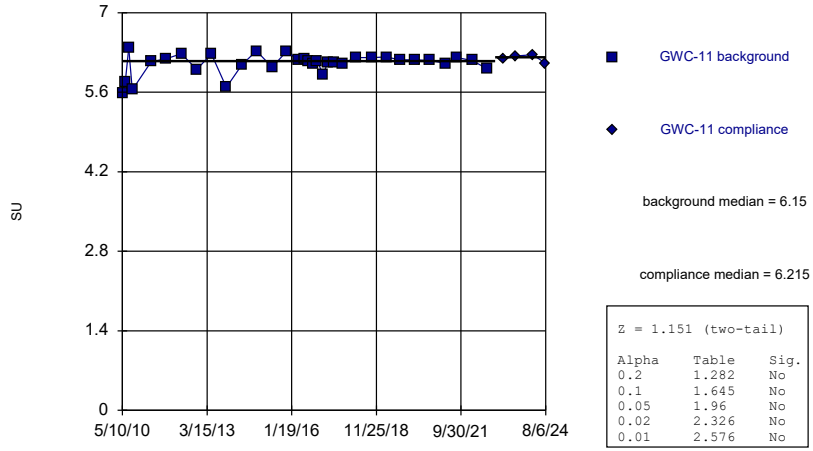
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: pH, Field Analysis Run 6/18/2025 4:06 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-11



background median = 6.15

compliance median = 6.215

Z = 1.151 (two-tail)

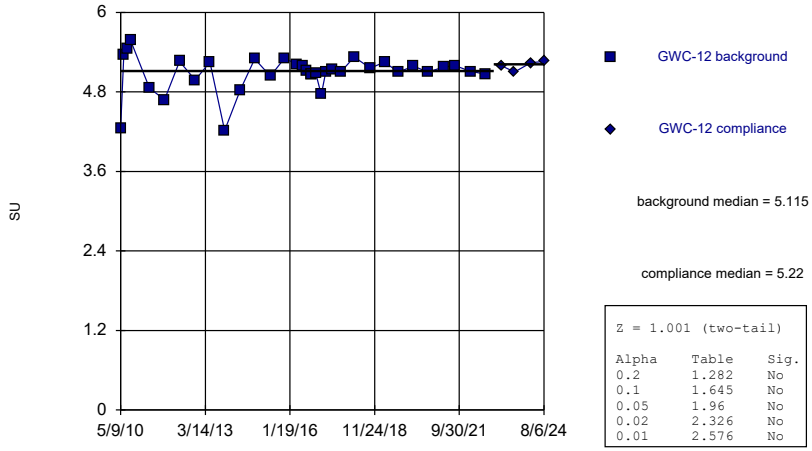
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: pH, Field Analysis Run 6/18/2025 4:06 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-12



background median = 5.115

compliance median = 5.22

Z = 1.001 (two-tail)

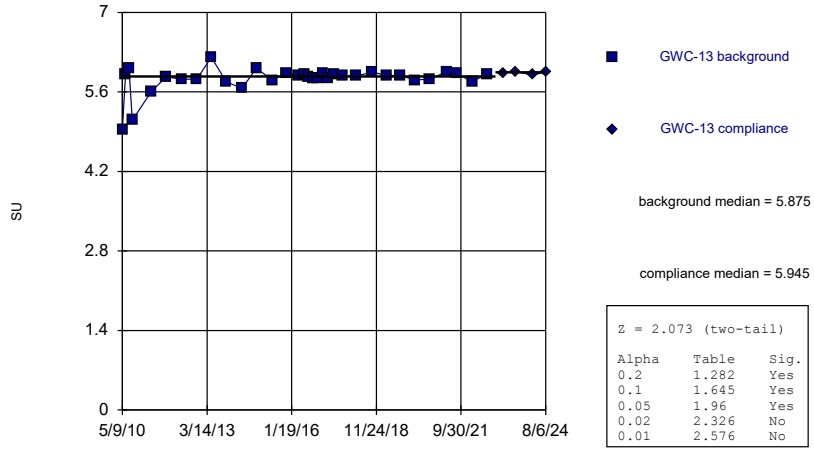
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: pH, Field Analysis Run 6/18/2025 4:06 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-13



background median = 5.875

compliance median = 5.945

Z = 2.073 (two-tail)

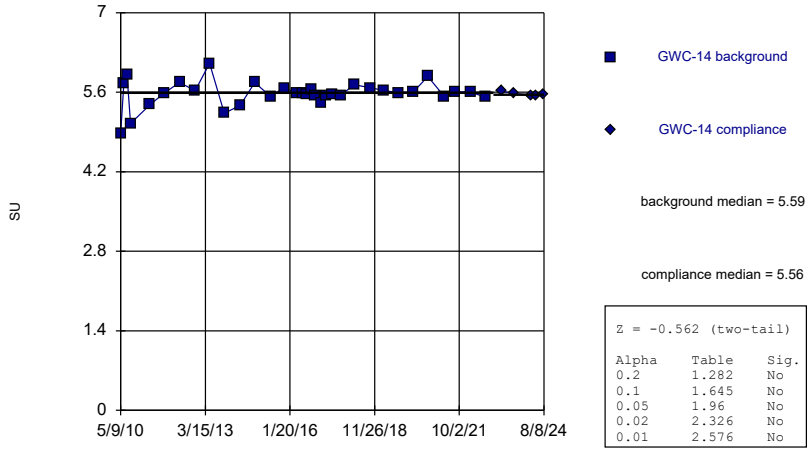
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	No
0.01	2.576	No

Constituent: pH, Field Analysis Run 6/18/2025 4:06 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-14



Z = -0.562 (two-tail)

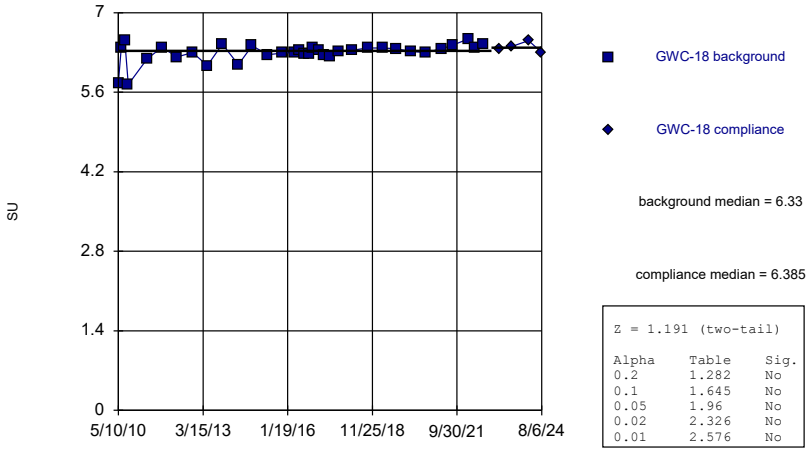
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: pH, Field Analysis Run 6/18/2025 4:06 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-18



Z = 1.191 (two-tail)

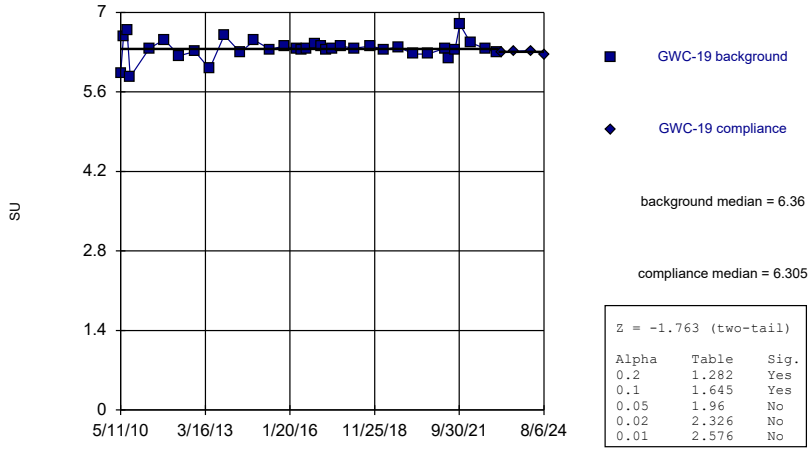
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: pH, Field Analysis Run 6/18/2025 4:06 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-19



Z = -1.763 (two-tail)

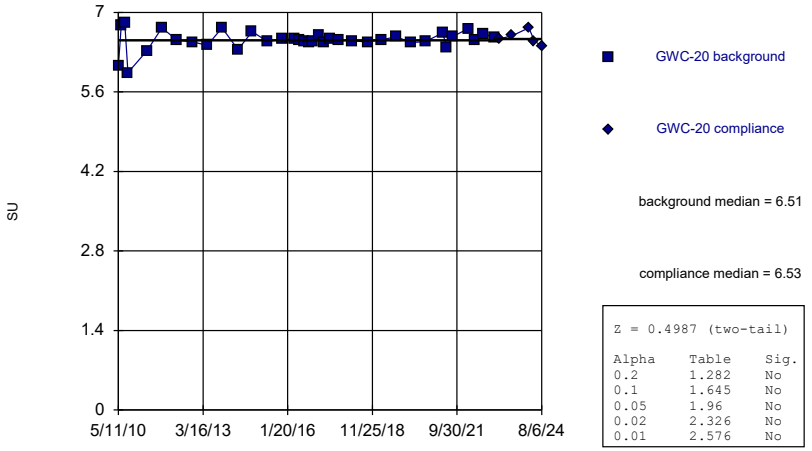
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: pH, Field Analysis Run 6/18/2025 4:06 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-20



Z = 0.4987 (two-tail)

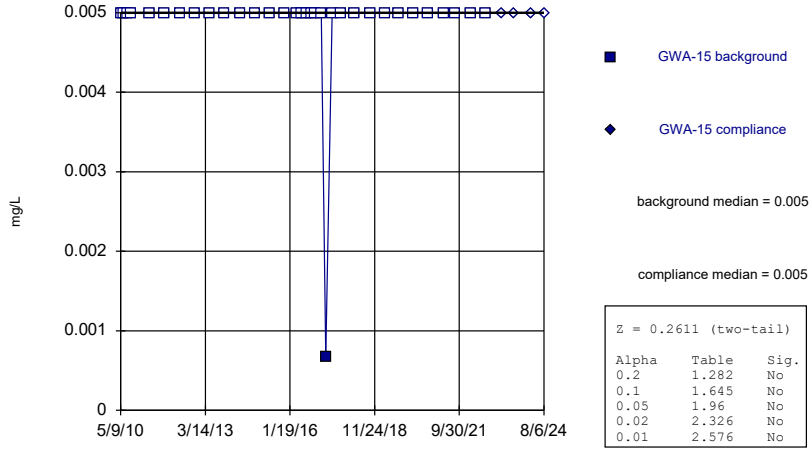
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: pH, Field Analysis Run 6/18/2025 4:06 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-15 (bg)



Z = 0.2611 (two-tail)

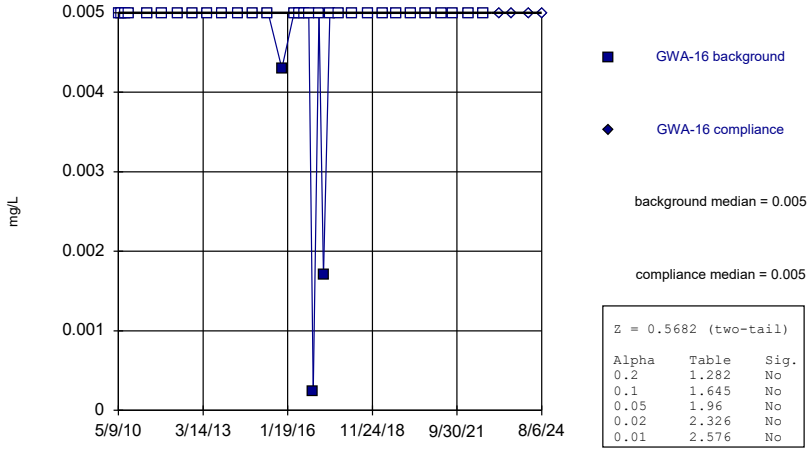
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Selenium Analysis Run 6/18/2025 4:06 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-16 (bg)



Z = 0.5682 (two-tail)

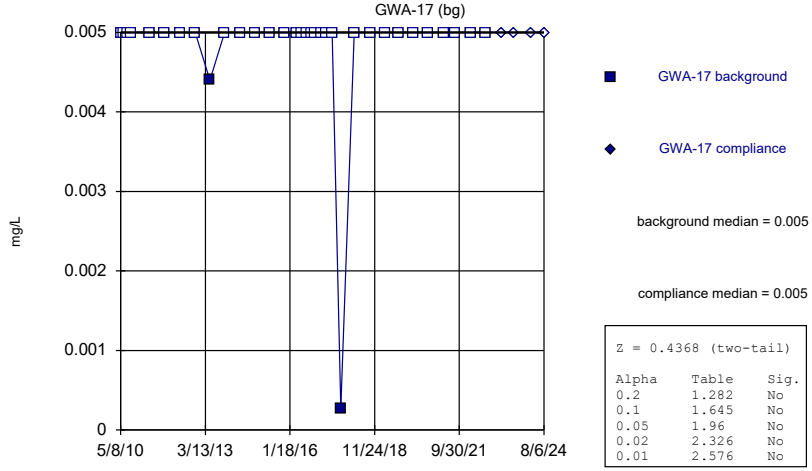
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Selenium Analysis Run 6/18/2025 4:06 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-17 (bg)



Z = 0.4368 (two-tail)

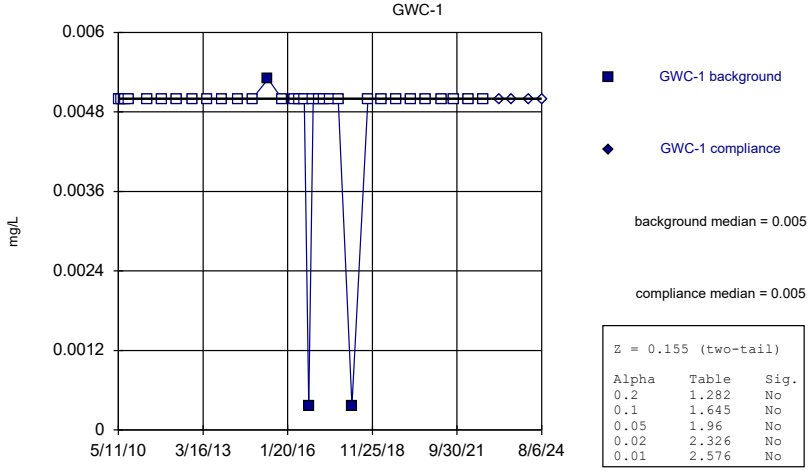
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Selenium Analysis Run 6/18/2025 4:06 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-1



Z = 0.155 (two-tail)

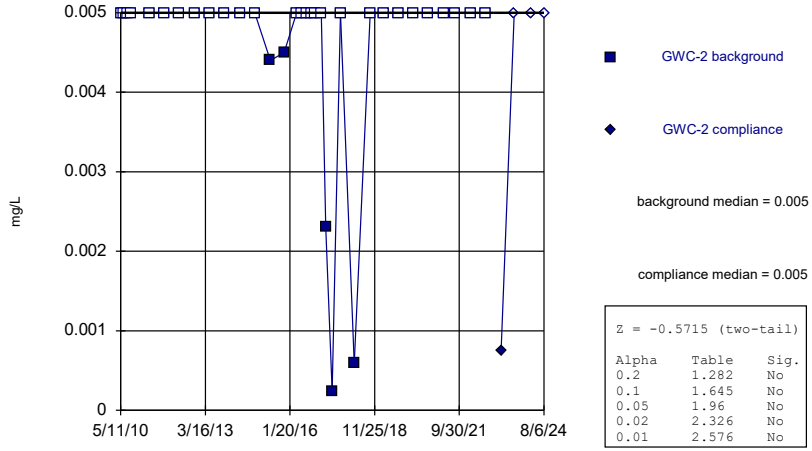
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Selenium Analysis Run 6/18/2025 4:06 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-2



background median = 0.005

compliance median = 0.005

Z = -0.5715 (two-tail)

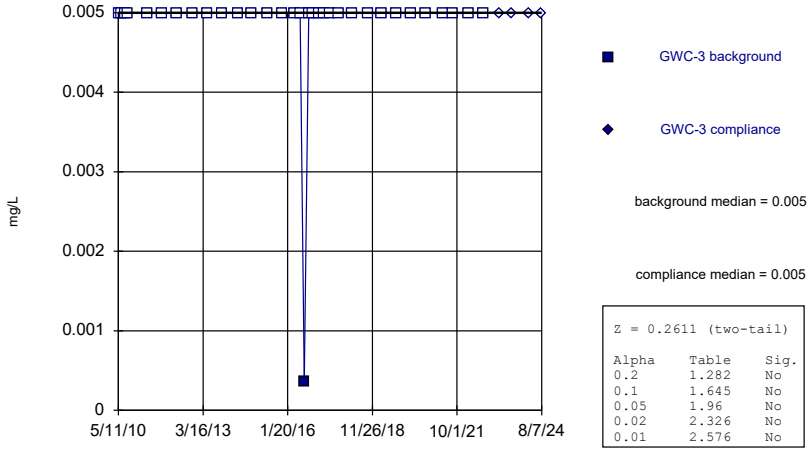
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Selenium Analysis Run 6/18/2025 4:06 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-3



background median = 0.005

compliance median = 0.005

Z = 0.2611 (two-tail)

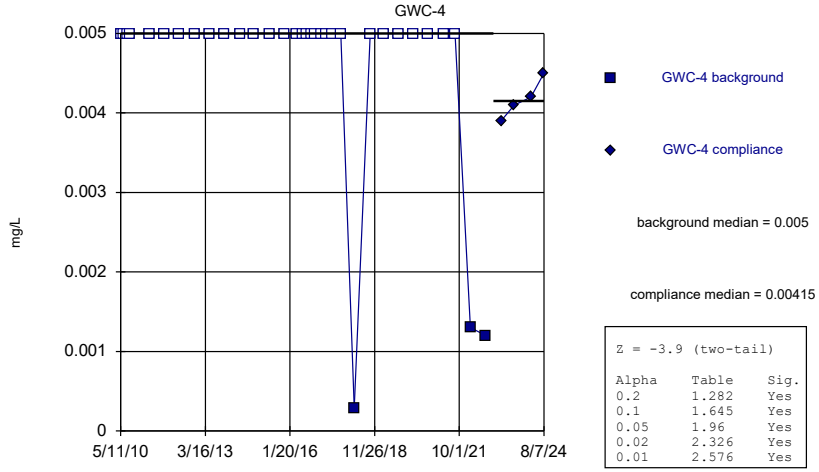
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Selenium Analysis Run 6/18/2025 4:06 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-4



background median = 0.005

compliance median = 0.00415

Z = -3.9 (two-tail)

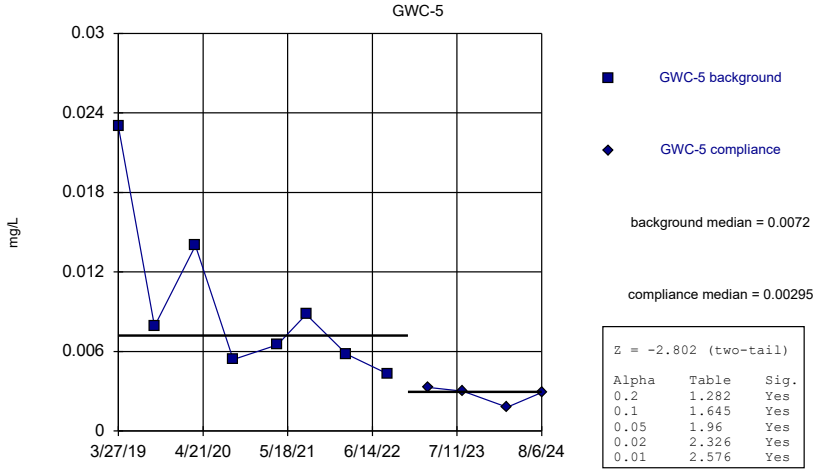
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Selenium Analysis Run 6/18/2025 4:06 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-5



background median = 0.0072

compliance median = 0.00295

Z = -2.802 (two-tail)

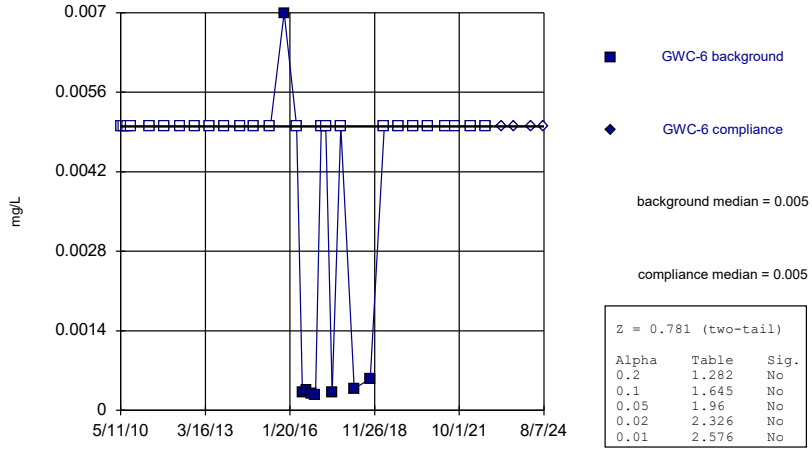
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Selenium Analysis Run 6/18/2025 4:06 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-6



Z = 0.781 (two-tail)

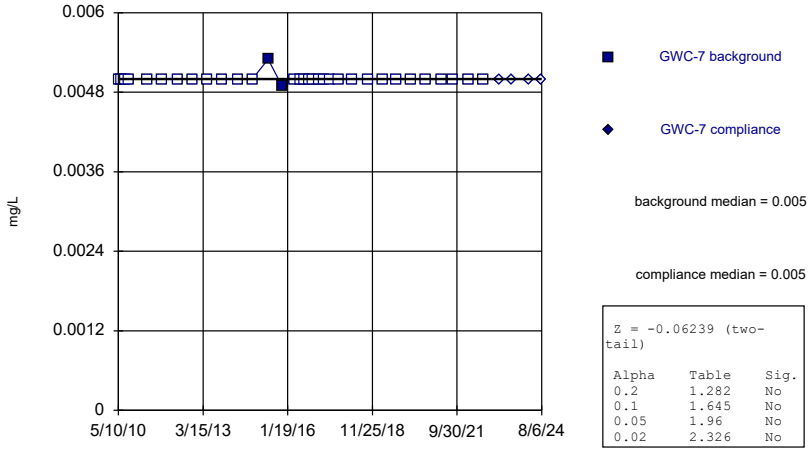
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Selenium Analysis Run 6/18/2025 4:06 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-7



Z = -0.06239 (two-tail)

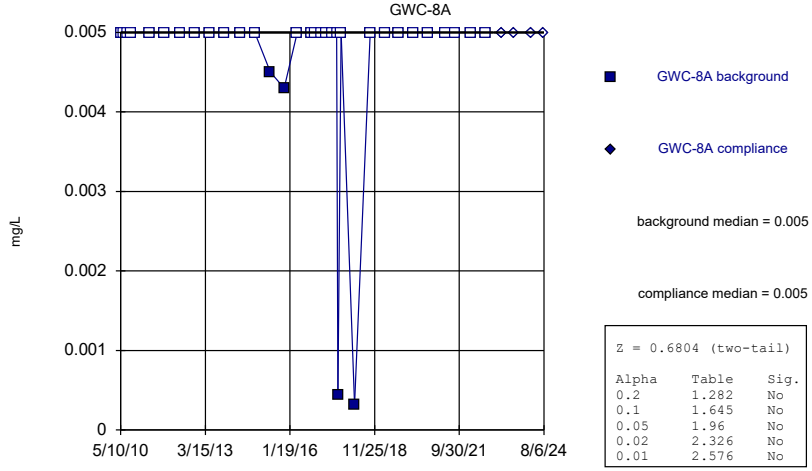
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No

Constituent: Selenium Analysis Run 6/18/2025 4:06 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-8A



Z = 0.6804 (two-tail)

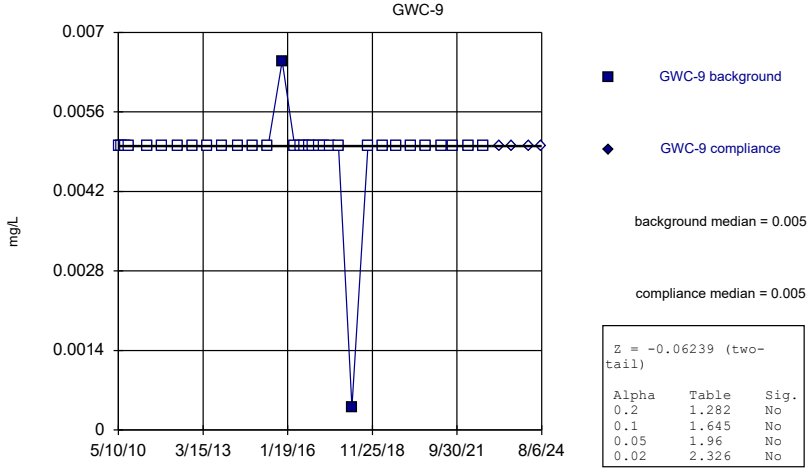
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Selenium Analysis Run 6/18/2025 4:06 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-9



Z = -0.06239 (two-tail)

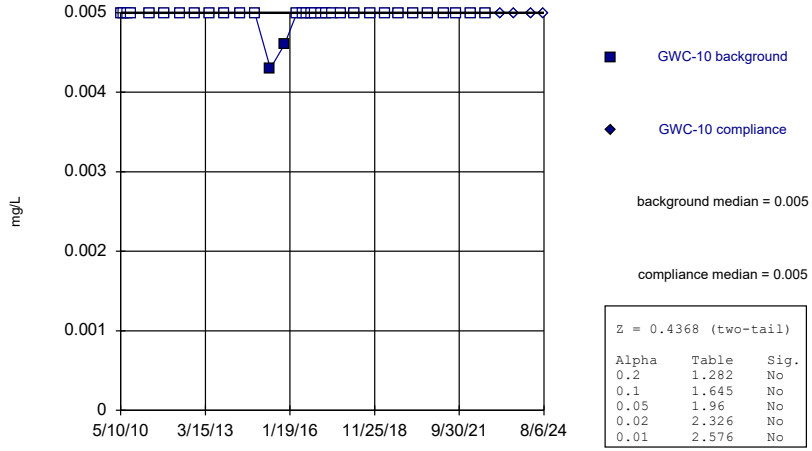
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No

Constituent: Selenium Analysis Run 6/18/2025 4:06 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-10



Z = 0.4368 (two-tail)

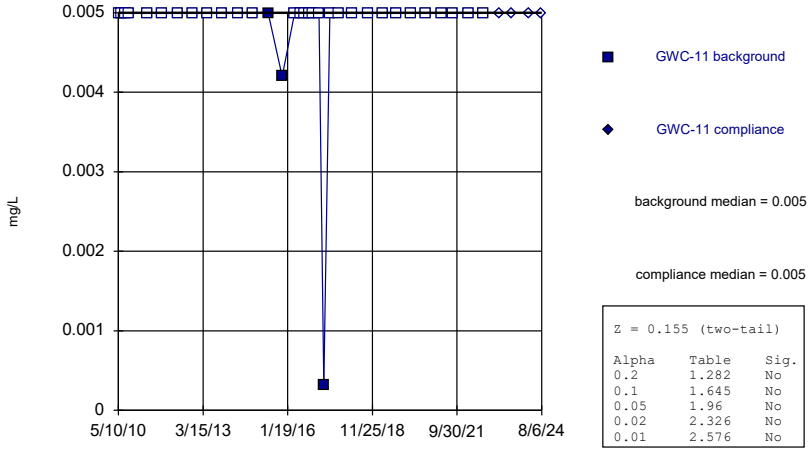
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Selenium Analysis Run 6/18/2025 4:06 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-11



Z = 0.155 (two-tail)

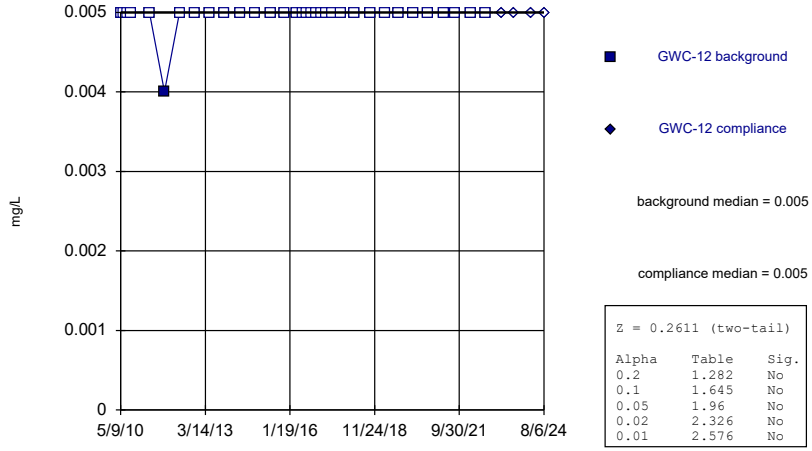
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Selenium Analysis Run 6/18/2025 4:06 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-12



Z = 0.2611 (two-tail)

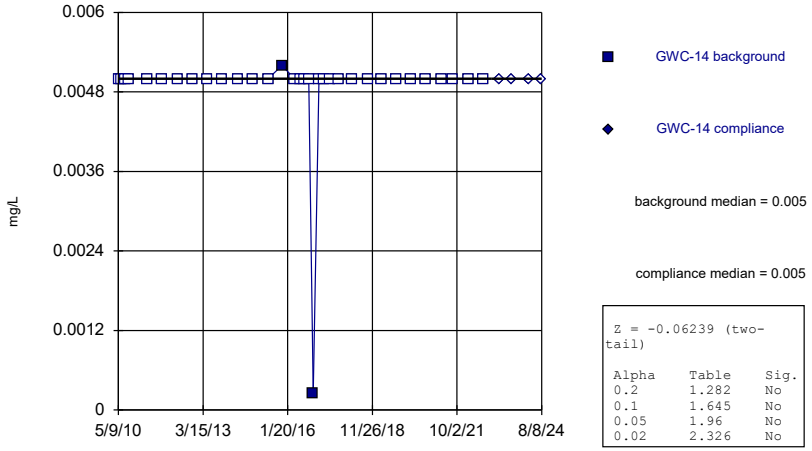
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Selenium Analysis Run 6/18/2025 4:06 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-14



Z = -0.06239 (two-tail)

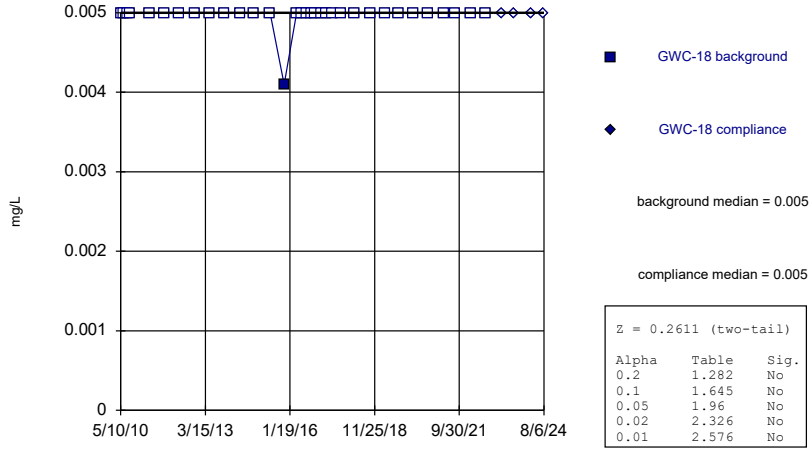
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No

Constituent: Selenium Analysis Run 6/18/2025 4:06 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-18



Z = 0.2611 (two-tail)

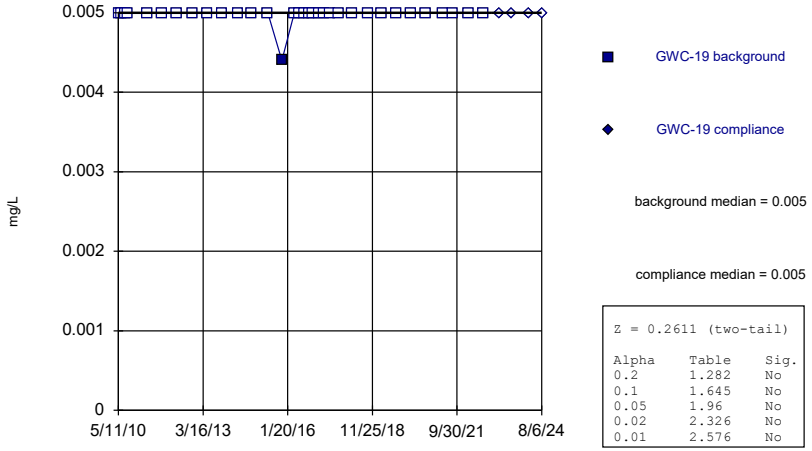
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Selenium Analysis Run 6/18/2025 4:06 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-19



Z = 0.2611 (two-tail)

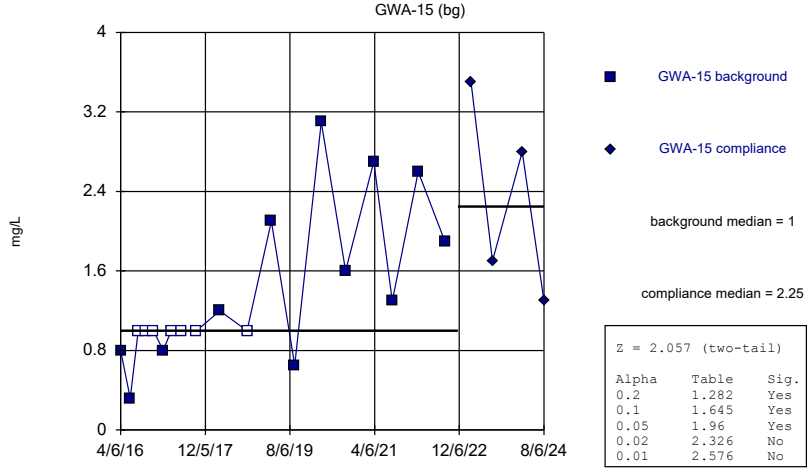
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Selenium Analysis Run 6/18/2025 4:06 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-15 (bg)



Z = 2.057 (two-tail)

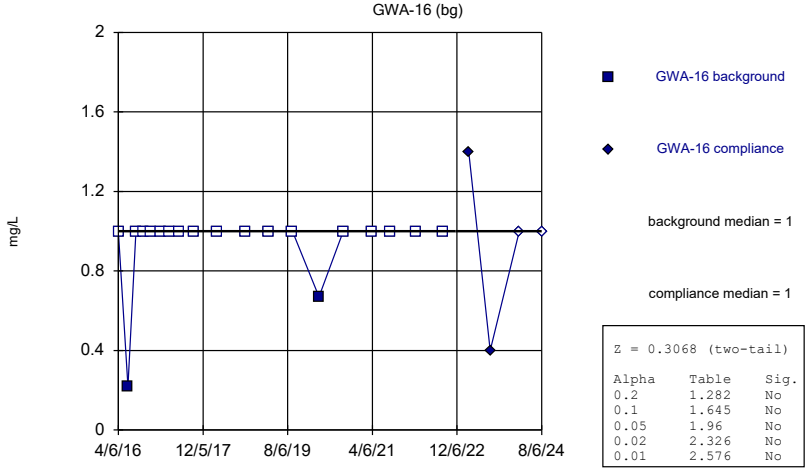
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	No
0.01	2.576	No

Constituent: Sulfate Analysis Run 6/18/2025 4:06 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-16 (bg)



Z = 0.3068 (two-tail)

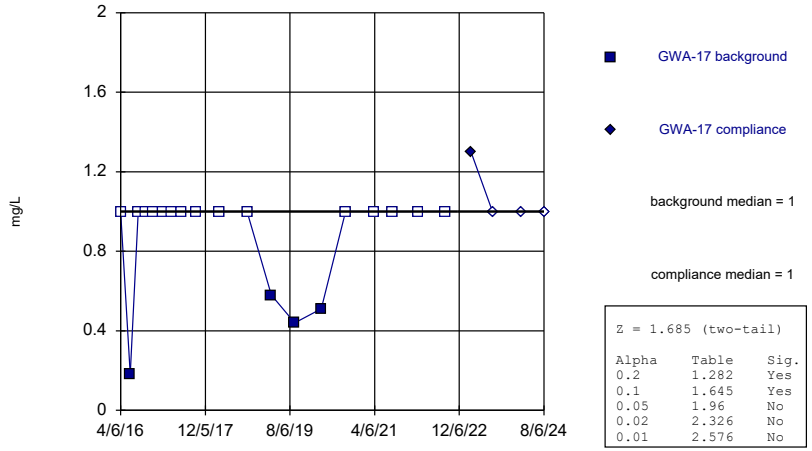
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Sulfate Analysis Run 6/18/2025 4:06 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-17 (bg)



Z = 1.685 (two-tail)

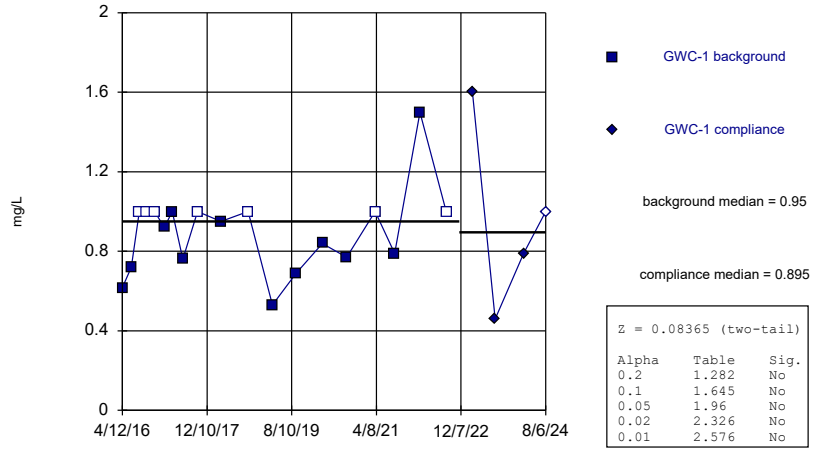
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Sulfate Analysis Run 6/18/2025 4:06 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-1



Z = 0.08365 (two-tail)

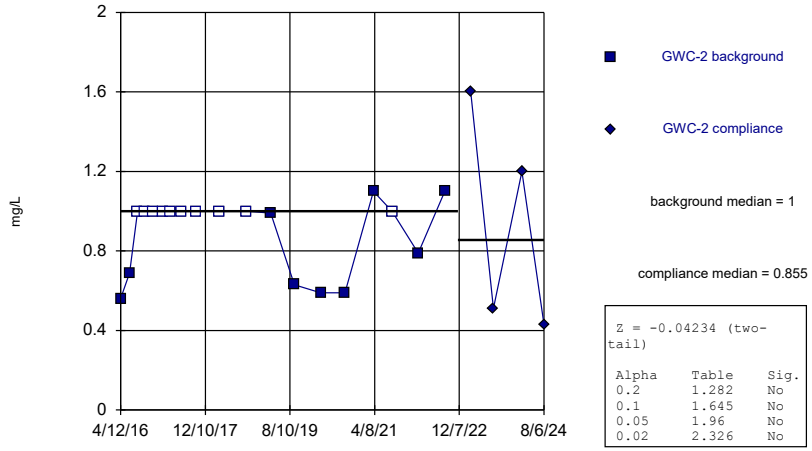
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Sulfate Analysis Run 6/18/2025 4:06 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-2



Z = -0.04234 (two-tail)

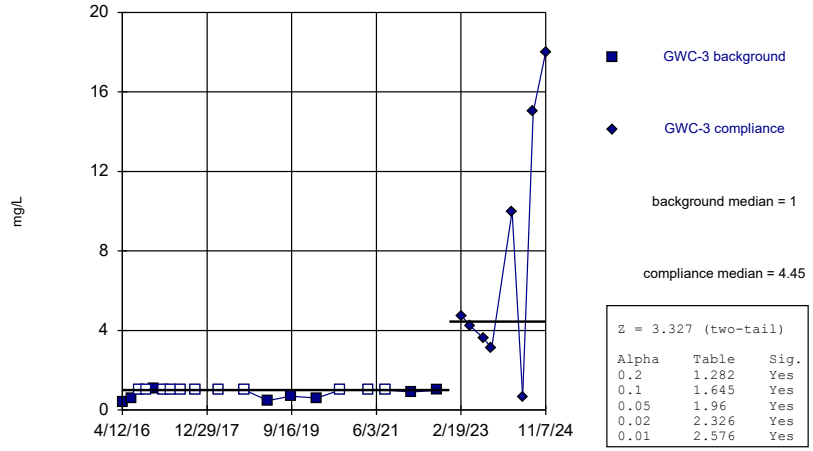
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No

Constituent: Sulfate Analysis Run 6/18/2025 4:06 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-3



Z = 3.327 (two-tail)

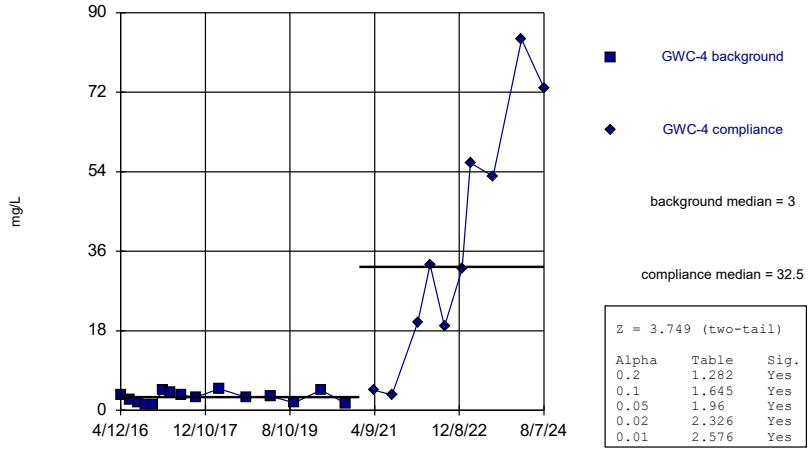
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Sulfate Analysis Run 6/18/2025 4:06 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-4



Z = 3.749 (two-tail)

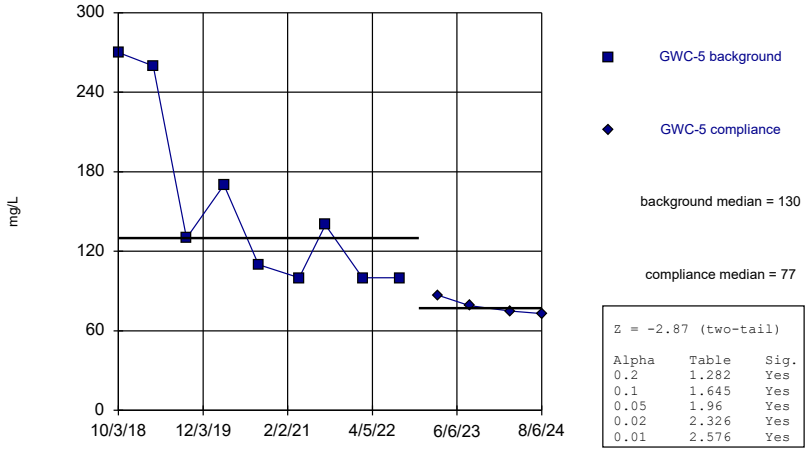
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Sulfate Analysis Run 6/18/2025 4:07 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-5



Z = -2.87 (two-tail)

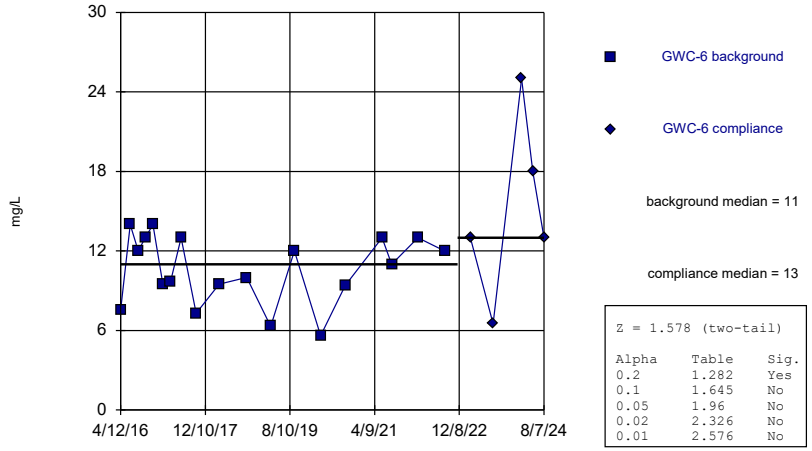
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Sulfate Analysis Run 6/18/2025 4:07 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-6



Z = 1.578 (two-tail)

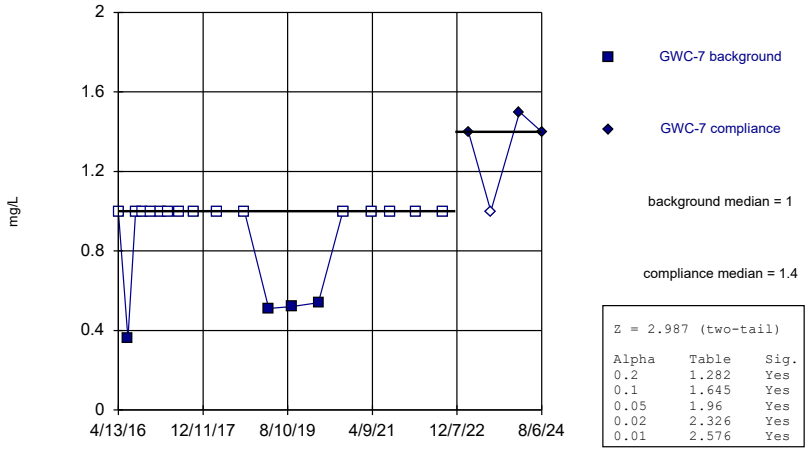
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Sulfate Analysis Run 6/18/2025 4:07 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-7



Z = 2.987 (two-tail)

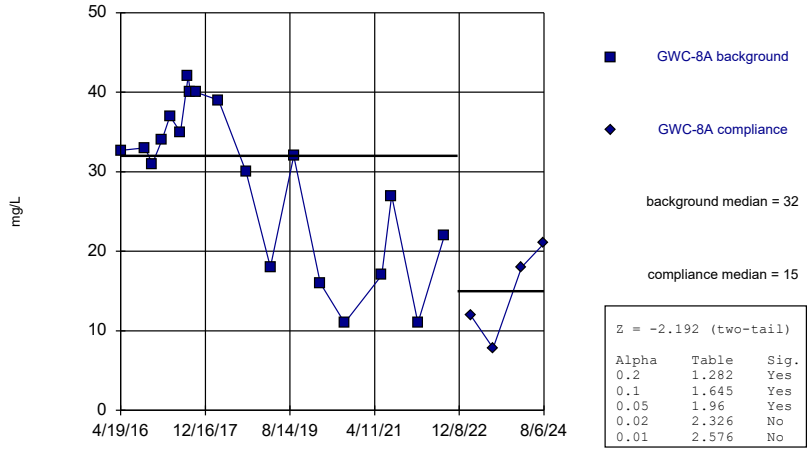
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Sulfate Analysis Run 6/18/2025 4:07 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-8A



Z = -2.192 (two-tail)

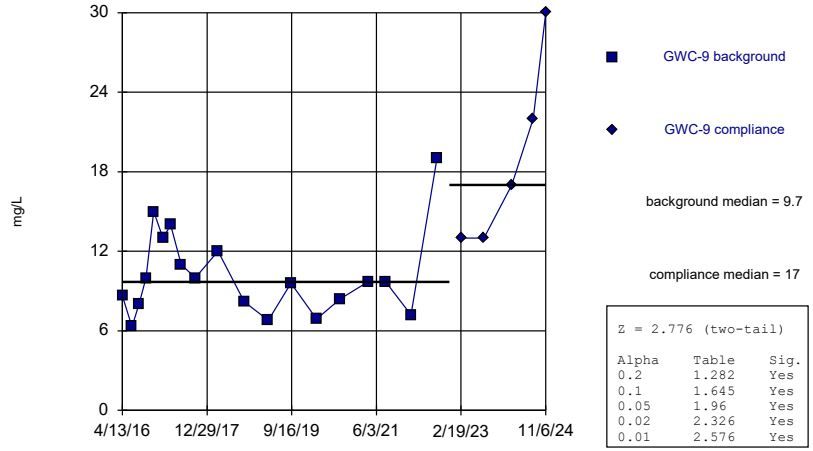
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	No
0.01	2.576	No

Constituent: Sulfate Analysis Run 6/18/2025 4:07 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-9



Z = 2.776 (two-tail)

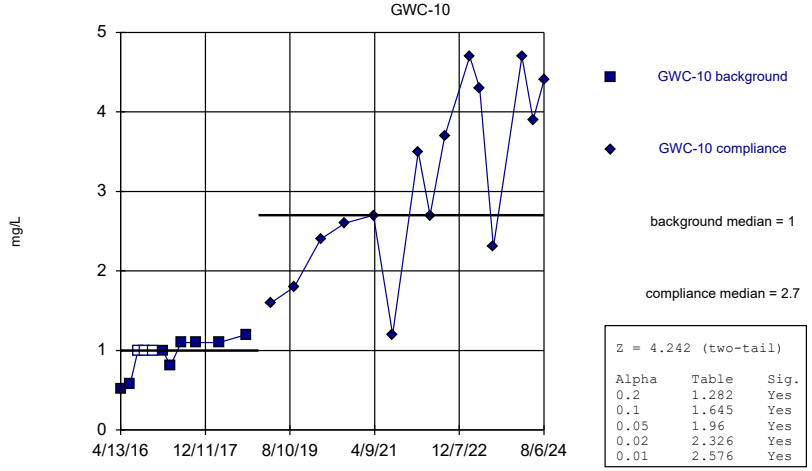
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Sulfate Analysis Run 6/18/2025 4:07 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-10



Z = 4.242 (two-tail)

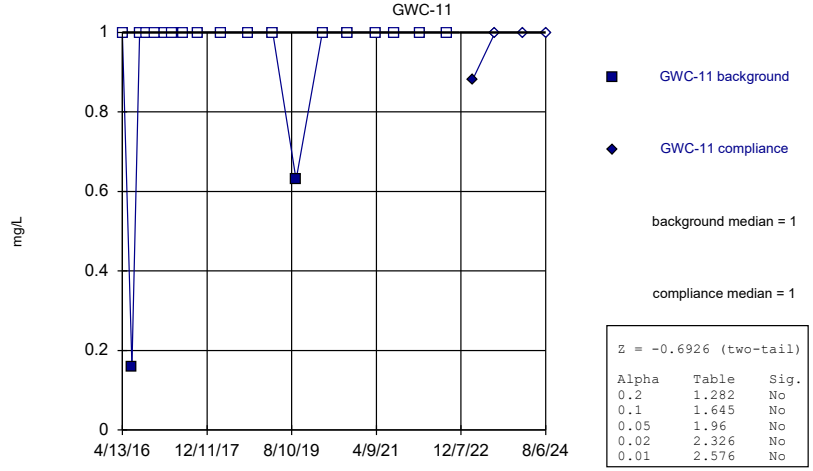
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Sulfate Analysis Run 6/18/2025 4:07 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-11



Z = -0.6926 (two-tail)

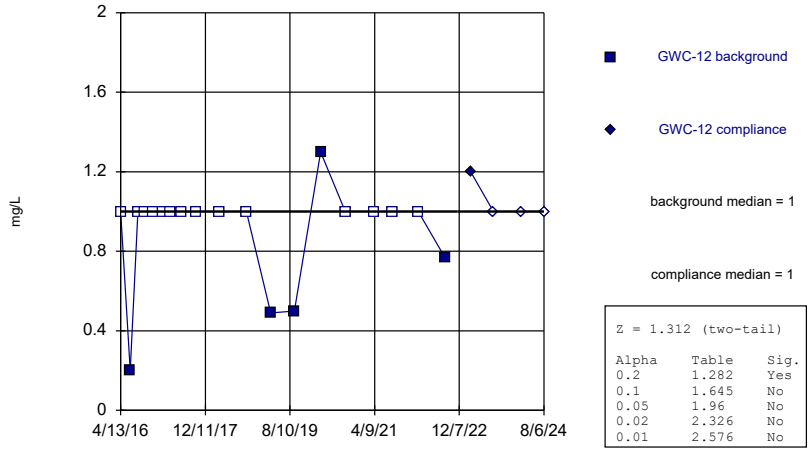
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Sulfate Analysis Run 6/18/2025 4:07 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-12



Z = 1.312 (two-tail)

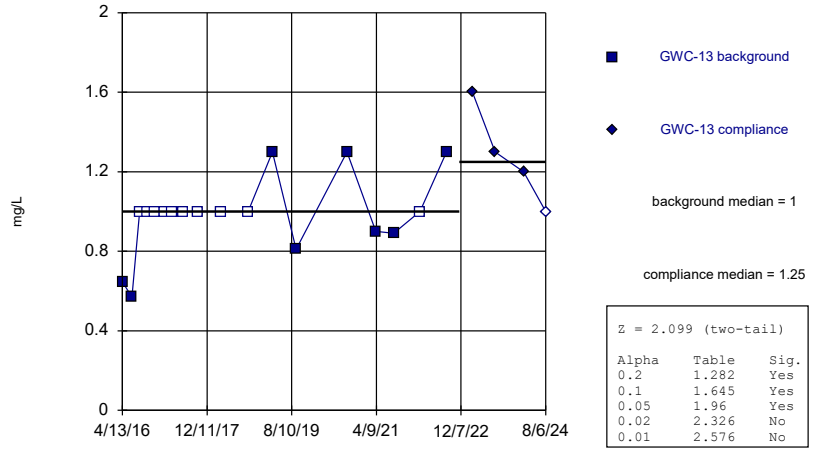
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Sulfate Analysis Run 6/18/2025 4:07 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-13



Z = 2.099 (two-tail)

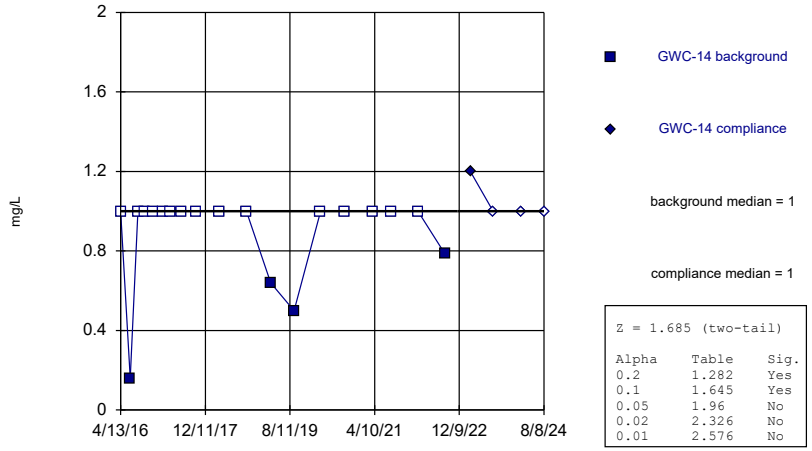
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	No
0.01	2.576	No

Constituent: Sulfate Analysis Run 6/18/2025 4:07 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-14



Z = 1.685 (two-tail)

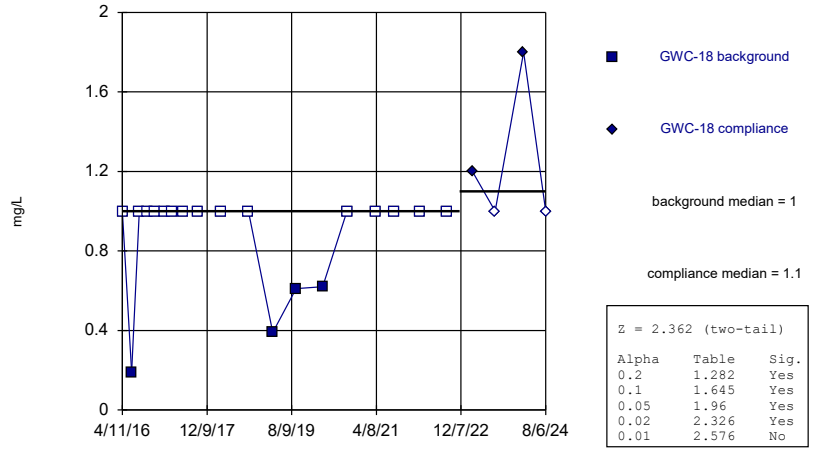
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Sulfate Analysis Run 6/18/2025 4:07 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-18



Z = 2.362 (two-tail)

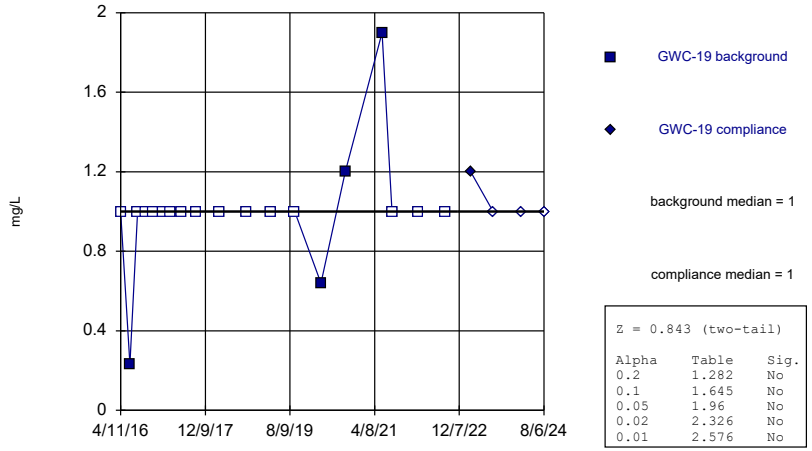
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	No

Constituent: Sulfate Analysis Run 6/18/2025 4:07 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-19



Z = 0.843 (two-tail)

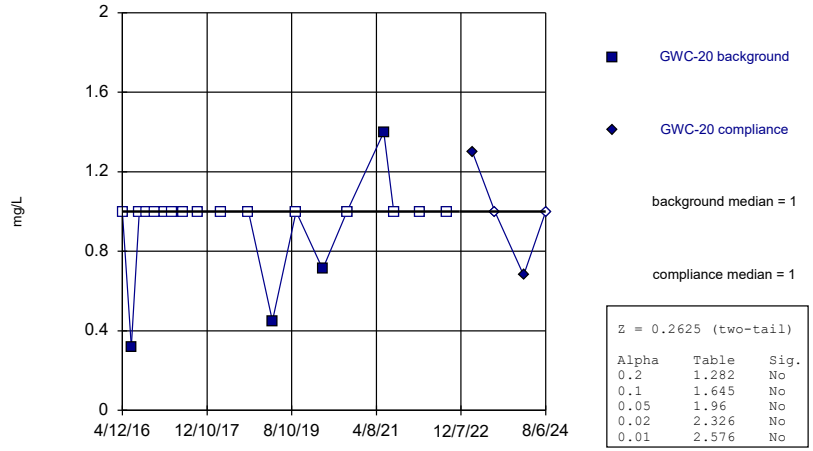
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Sulfate Analysis Run 6/18/2025 4:07 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-20



Z = 0.2625 (two-tail)

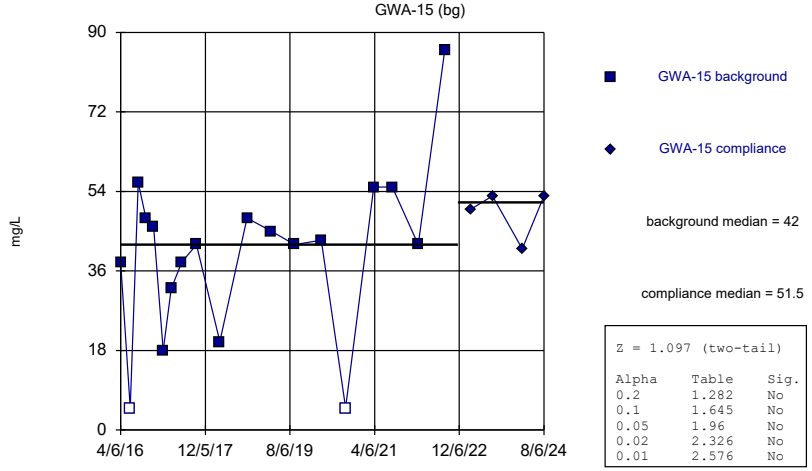
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Sulfate Analysis Run 6/18/2025 4:07 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-15 (bg)



Z = 1.097 (two-tail)

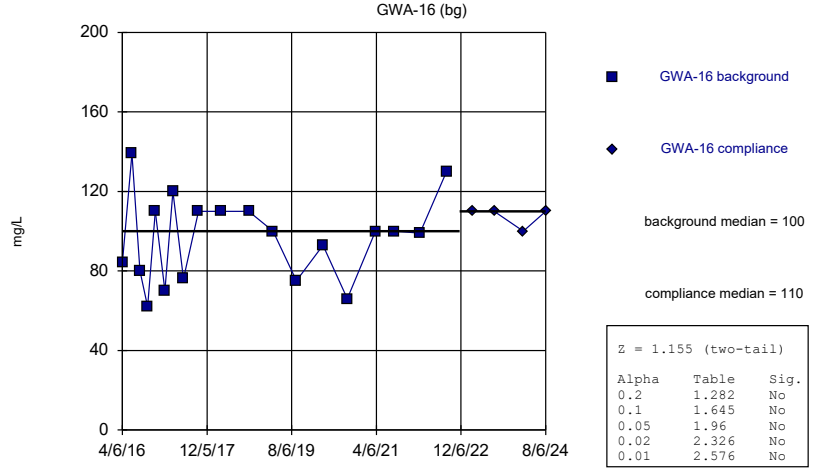
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: TDS Analysis Run 6/18/2025 4:07 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWA-16 (bg)



Z = 1.155 (two-tail)

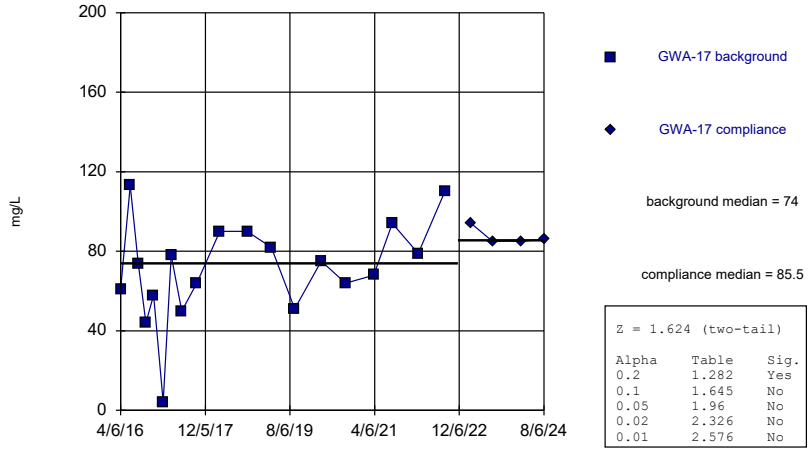
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: TDS Analysis Run 6/18/2025 4:07 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWA-17 (bg)



Z = 1.624 (two-tail)

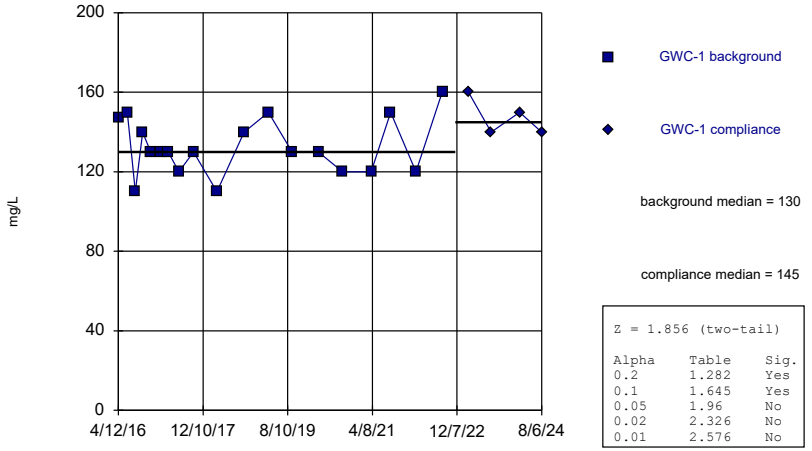
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: TDS Analysis Run 6/18/2025 4:07 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-1



Z = 1.856 (two-tail)

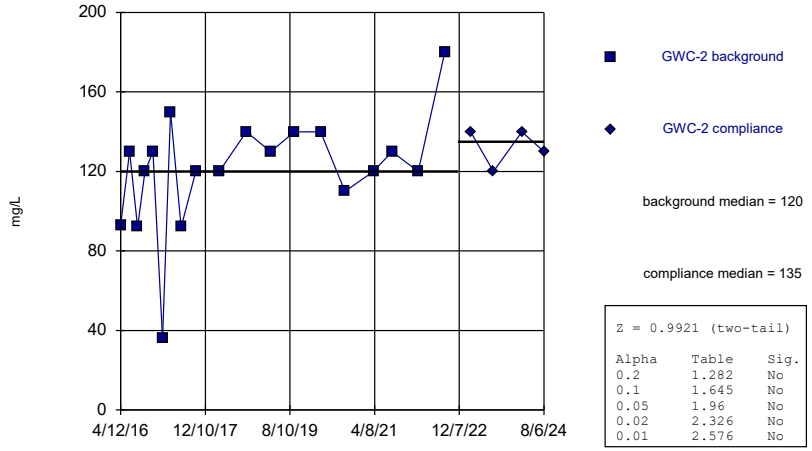
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: TDS Analysis Run 6/18/2025 4:07 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-2



Z = 0.9921 (two-tail)

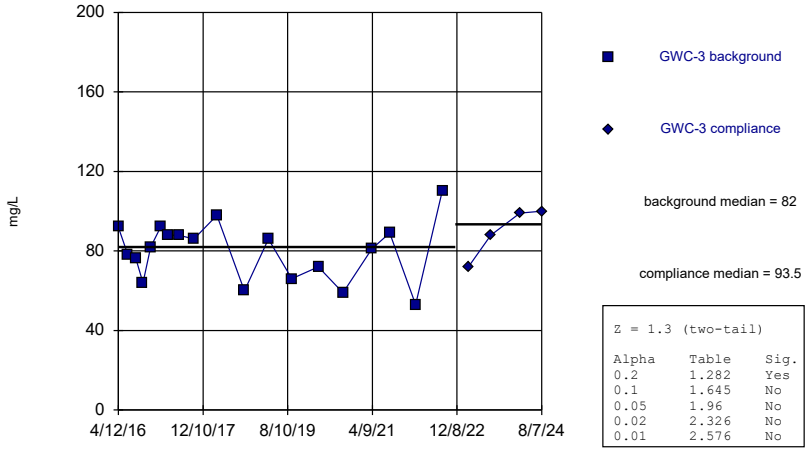
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: TDS Analysis Run 6/18/2025 4:07 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-3



Z = 1.3 (two-tail)

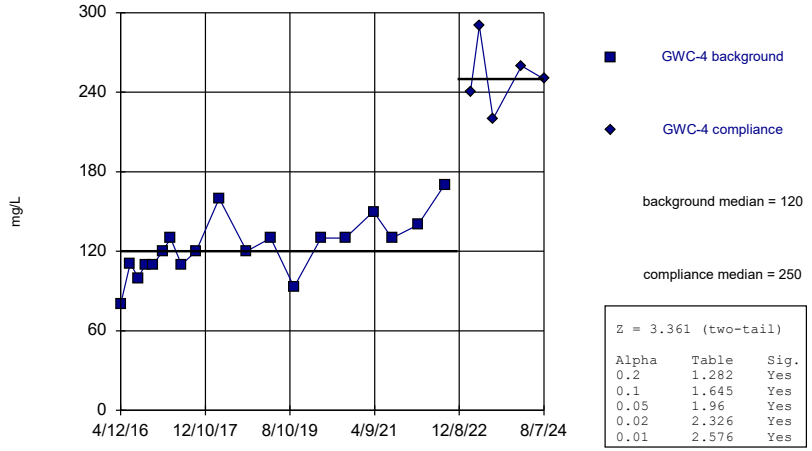
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: TDS Analysis Run 6/18/2025 4:07 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-4



Z = 3.361 (two-tail)

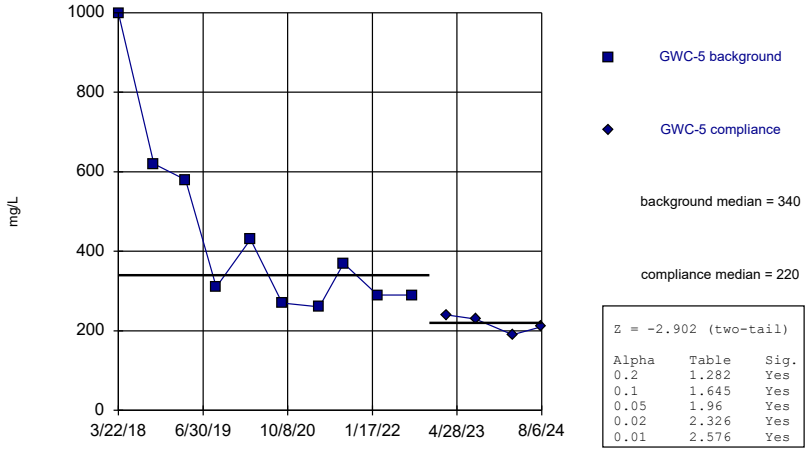
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: TDS Analysis Run 6/18/2025 4:07 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-5



Z = -2.902 (two-tail)

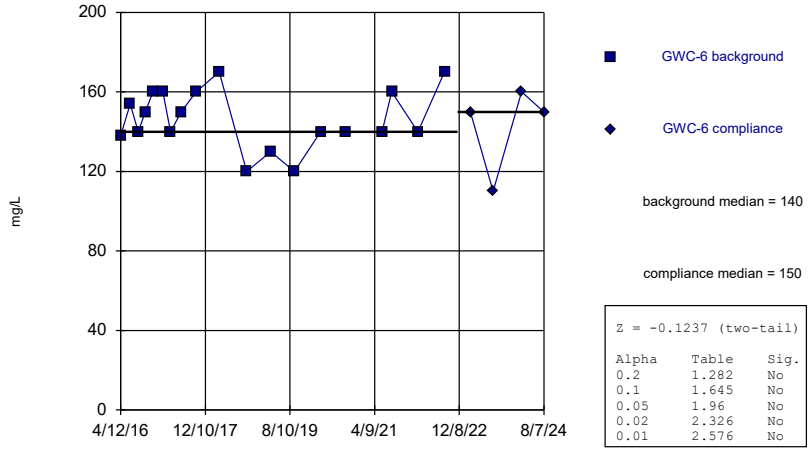
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: TDS Analysis Run 6/18/2025 4:07 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-6



Z = -0.1237 (two-tail)

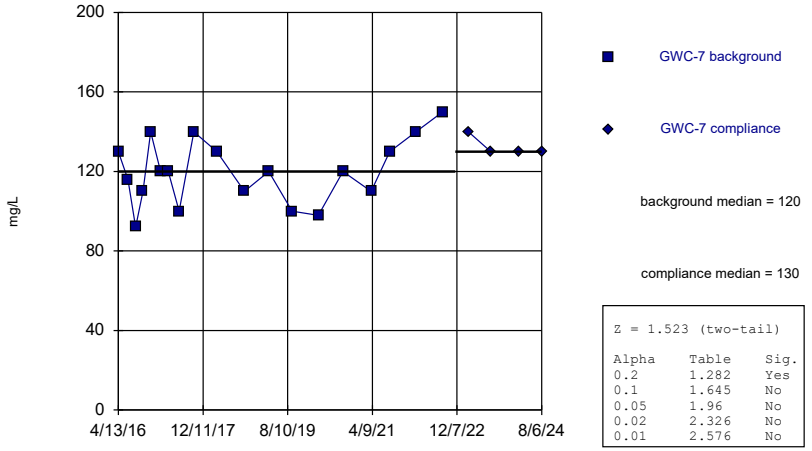
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: TDS Analysis Run 6/18/2025 4:07 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-7



Z = 1.523 (two-tail)

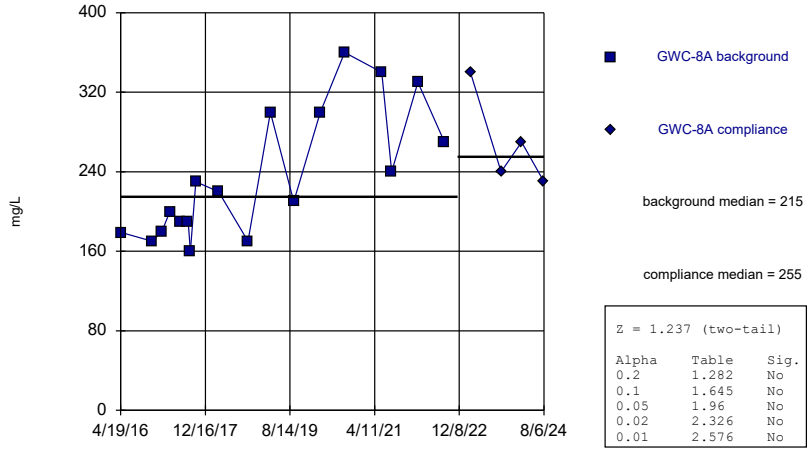
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: TDS Analysis Run 6/18/2025 4:07 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-8A



Z = 1.237 (two-tail)

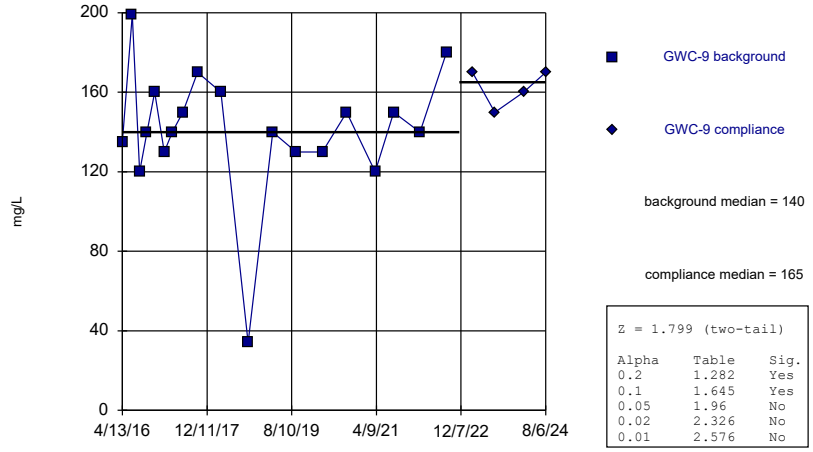
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: TDS Analysis Run 6/18/2025 4:07 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-9



Z = 1.799 (two-tail)

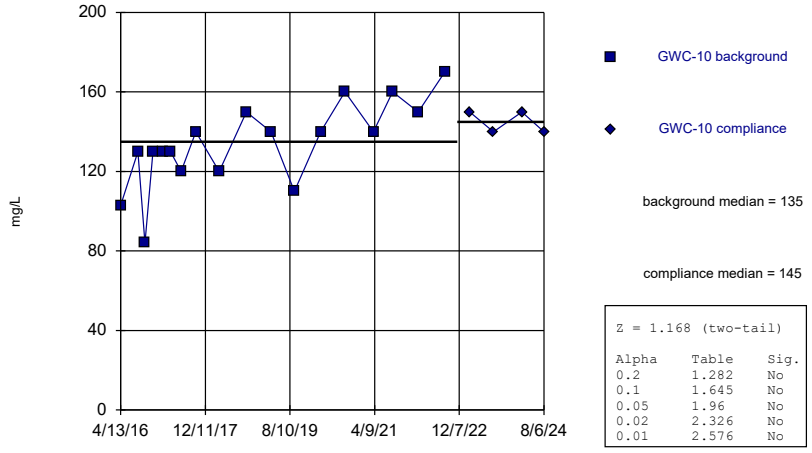
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: TDS Analysis Run 6/18/2025 4:07 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-10



Z = 1.168 (two-tail)

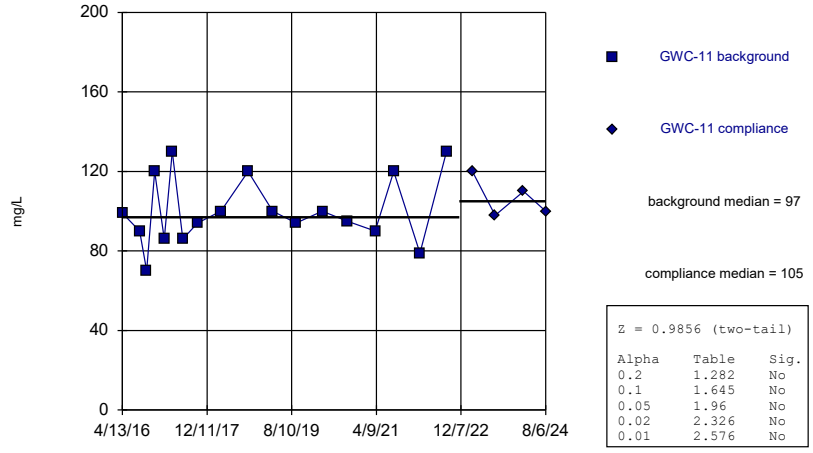
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: TDS Analysis Run 6/18/2025 4:07 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-11



Z = 0.9856 (two-tail)

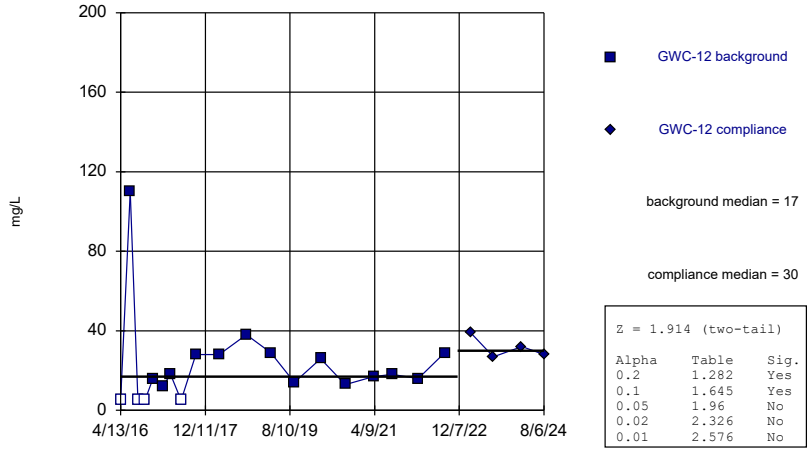
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: TDS Analysis Run 6/18/2025 4:07 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-12



Z = 1.914 (two-tail)

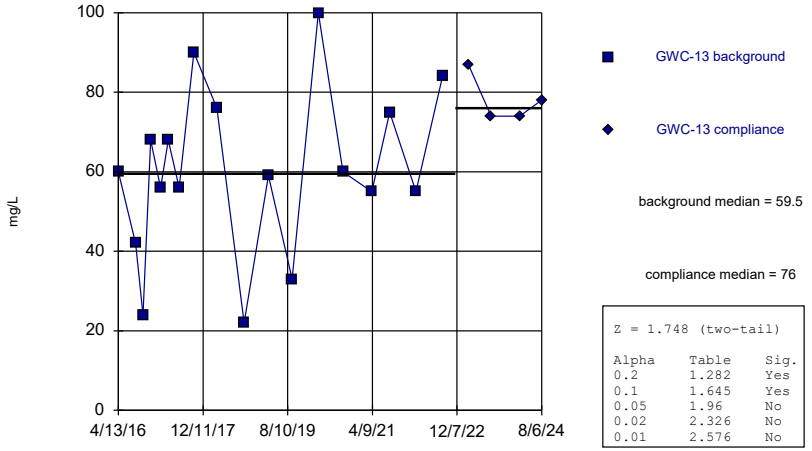
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: TDS Analysis Run 6/18/2025 4:07 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-13



Z = 1.748 (two-tail)

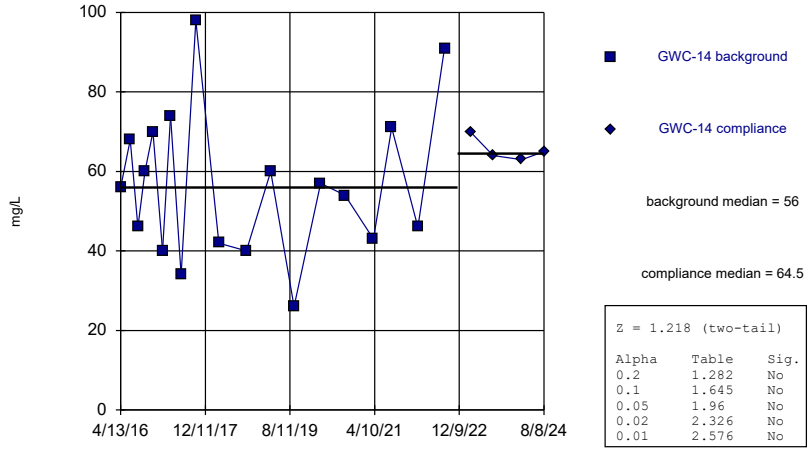
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: TDS Analysis Run 6/18/2025 4:07 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-14



Z = 1.218 (two-tail)

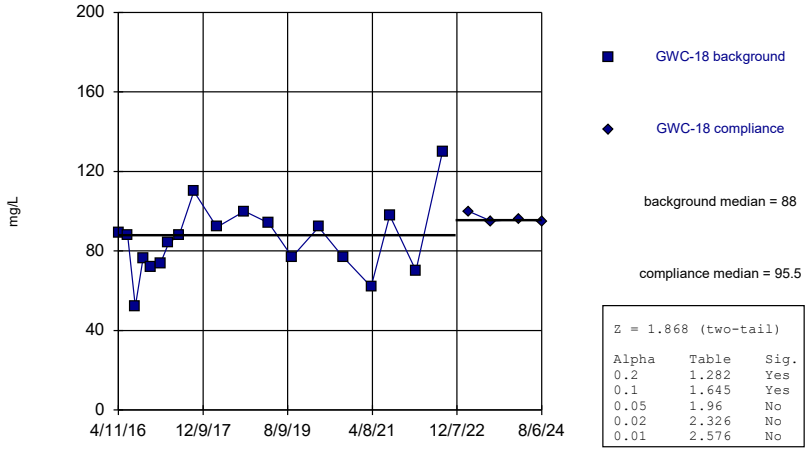
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: TDS Analysis Run 6/18/2025 4:07 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-18



Z = 1.868 (two-tail)

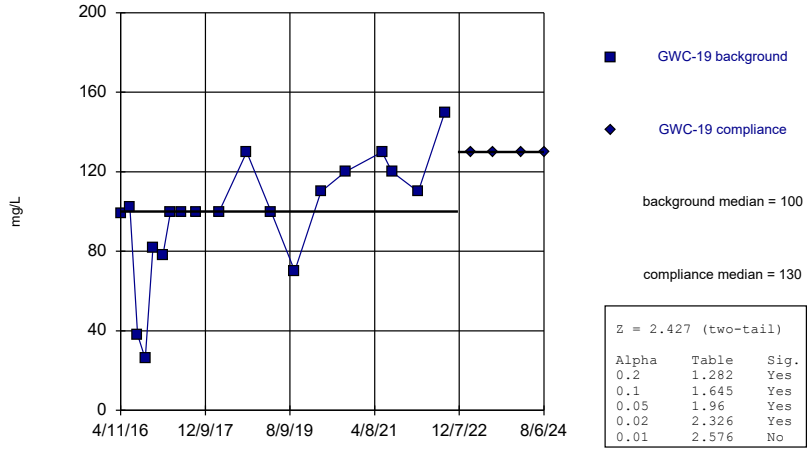
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: TDS Analysis Run 6/18/2025 4:07 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-19



Z = 2.427 (two-tail)

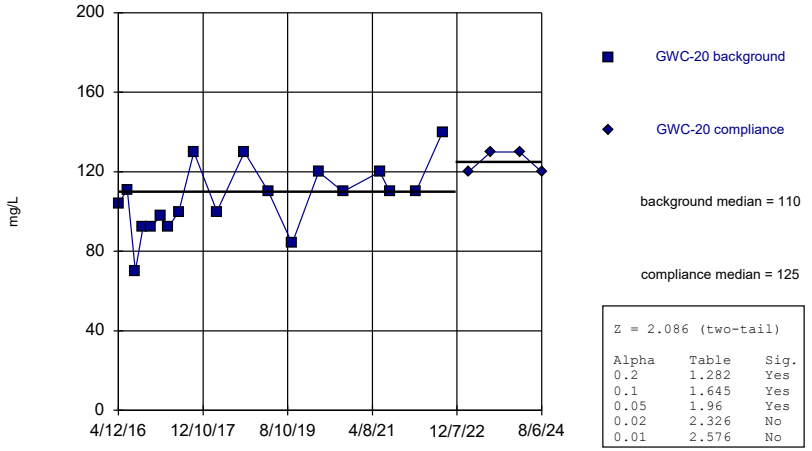
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	No

Constituent: TDS Analysis Run 6/18/2025 4:07 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-20



Z = 2.086 (two-tail)

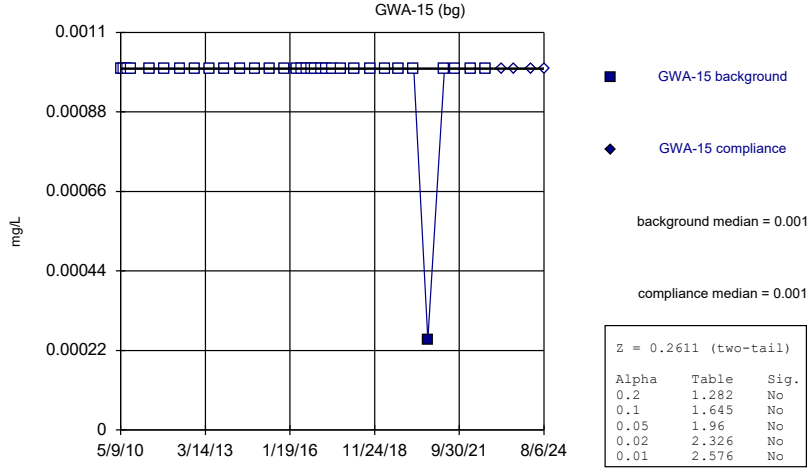
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	No
0.01	2.576	No

Constituent: TDS Analysis Run 6/18/2025 4:07 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-15 (bg)



Z = 0.2611 (two-tail)

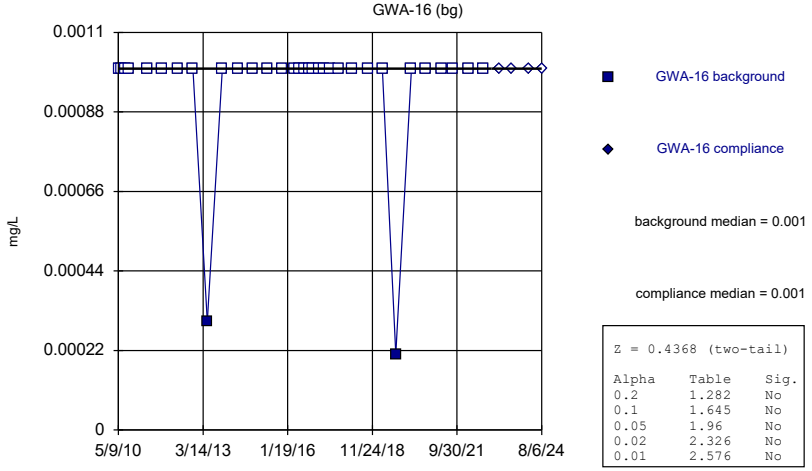
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Thallium Analysis Run 6/18/2025 4:07 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-16 (bg)



Z = 0.4368 (two-tail)

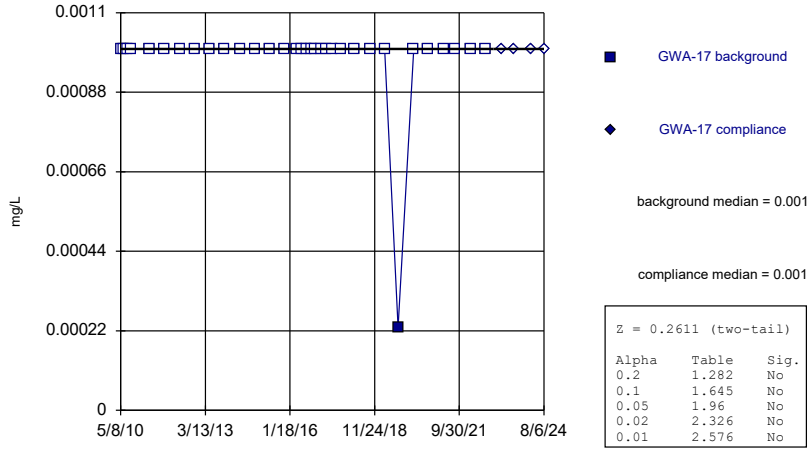
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Thallium Analysis Run 6/18/2025 4:07 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-17 (bg)



Z = 0.2611 (two-tail)

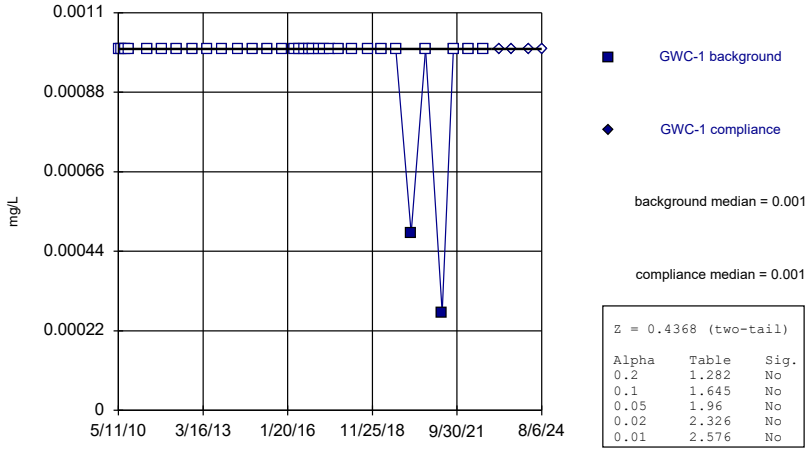
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Thallium Analysis Run 6/18/2025 4:07 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-1



Z = 0.4368 (two-tail)

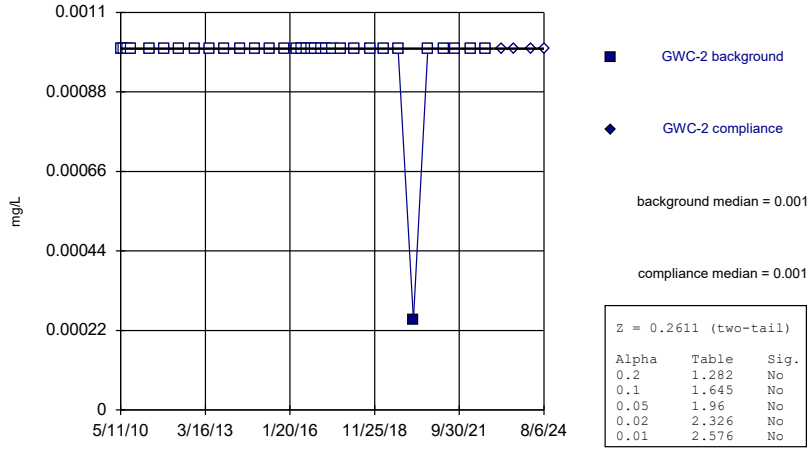
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Thallium Analysis Run 6/18/2025 4:07 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-2



Z = 0.2611 (two-tail)

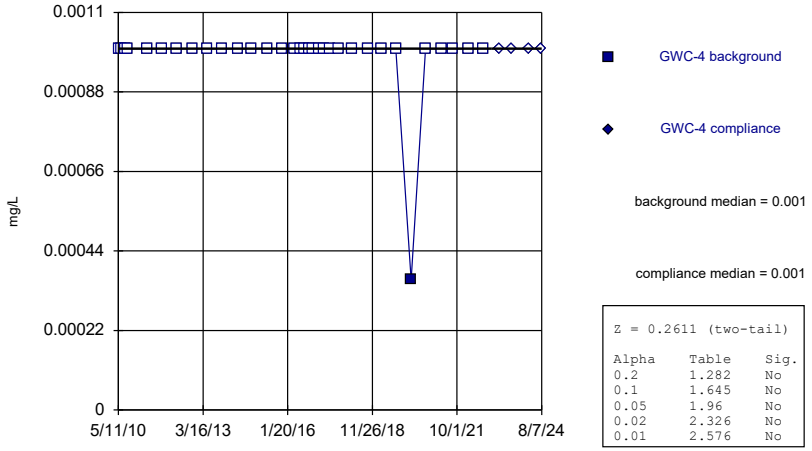
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Thallium Analysis Run 6/18/2025 4:07 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-4



Z = 0.2611 (two-tail)

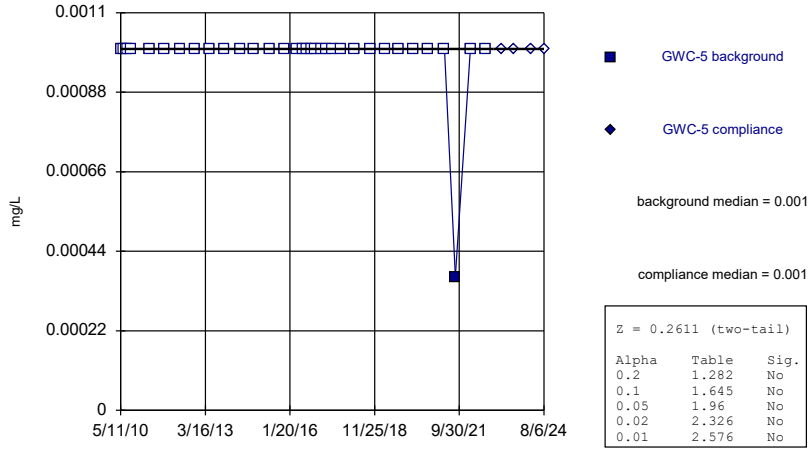
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Thallium Analysis Run 6/18/2025 4:07 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-5



Z = 0.2611 (two-tail)

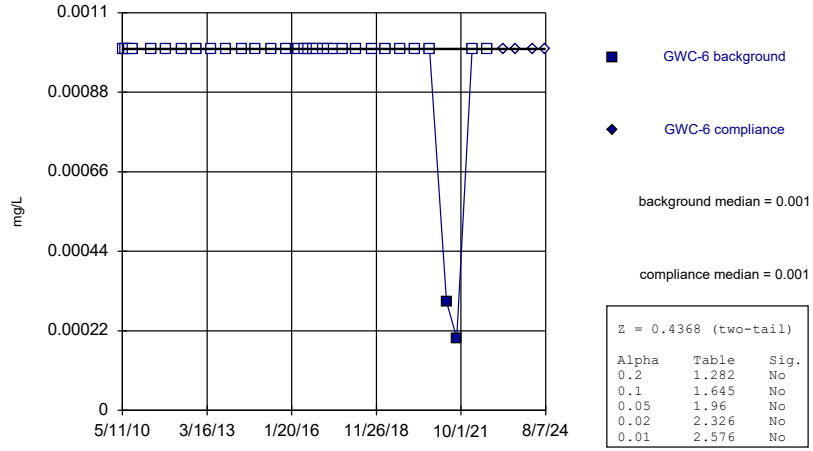
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Thallium Analysis Run 6/18/2025 4:07 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-6



Z = 0.4368 (two-tail)

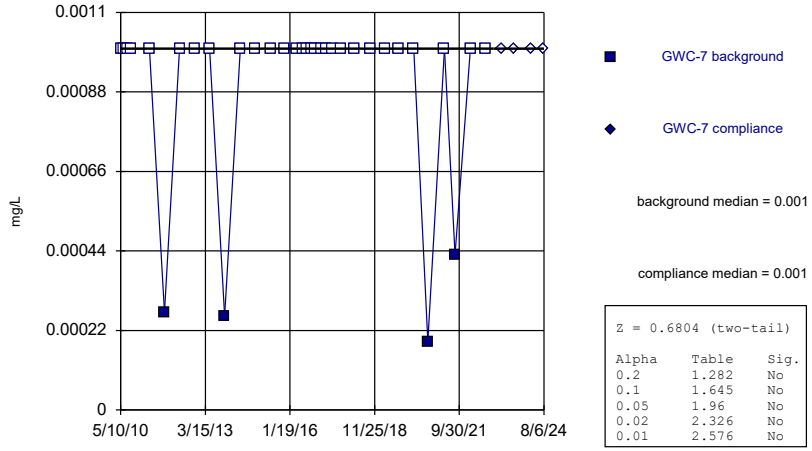
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Thallium Analysis Run 6/18/2025 4:07 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-7



Z = 0.6804 (two-tail)

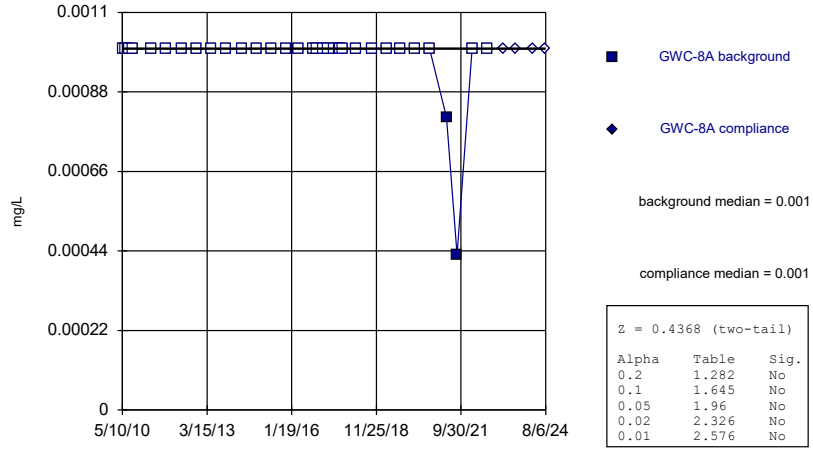
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Thallium Analysis Run 6/18/2025 4:08 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-8A



Z = 0.4368 (two-tail)

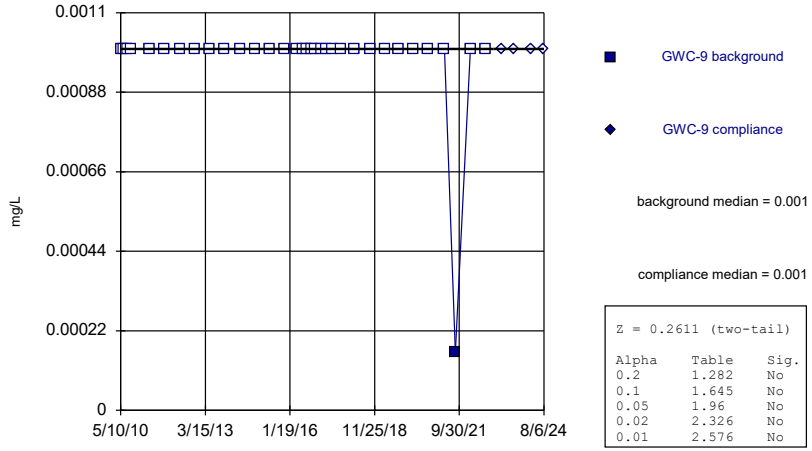
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Thallium Analysis Run 6/18/2025 4:08 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-9



Z = 0.2611 (two-tail)

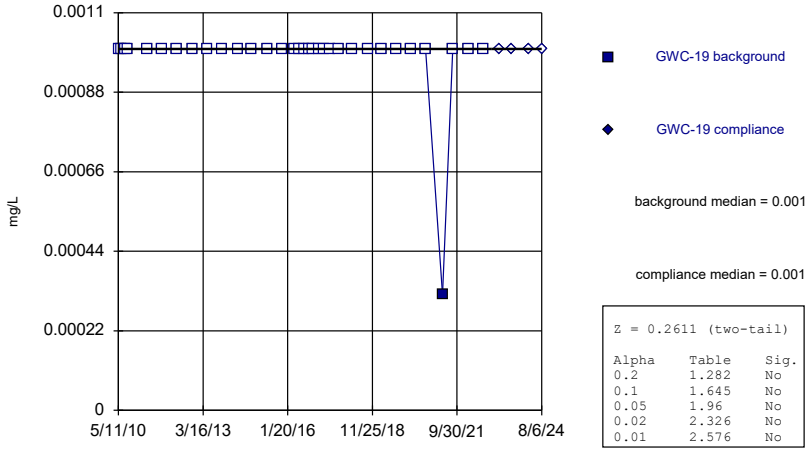
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Thallium Analysis Run 6/18/2025 4:08 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-19



Z = 0.2611 (two-tail)

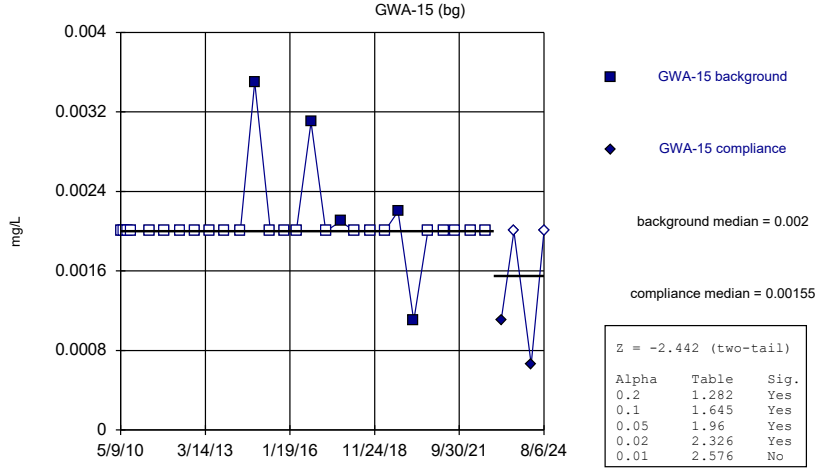
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Thallium Analysis Run 6/18/2025 4:08 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-15 (bg)



Z = -2.442 (two-tail)

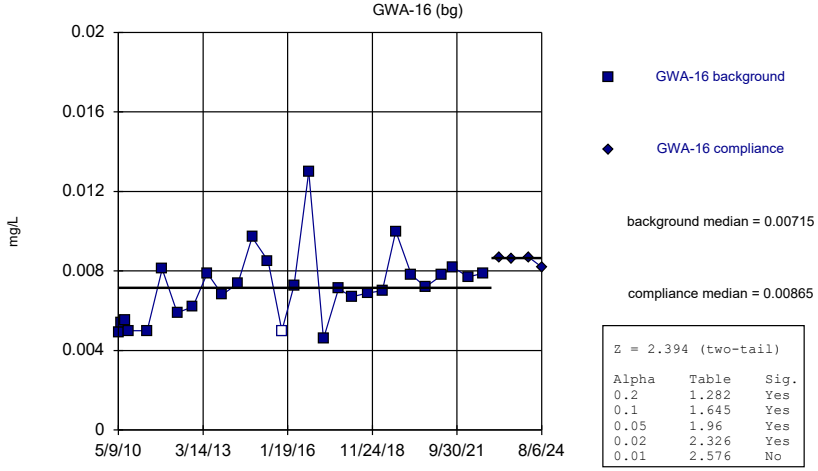
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	No

Constituent: Vanadium Analysis Run 6/18/2025 4:08 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-16 (bg)



Z = 2.394 (two-tail)

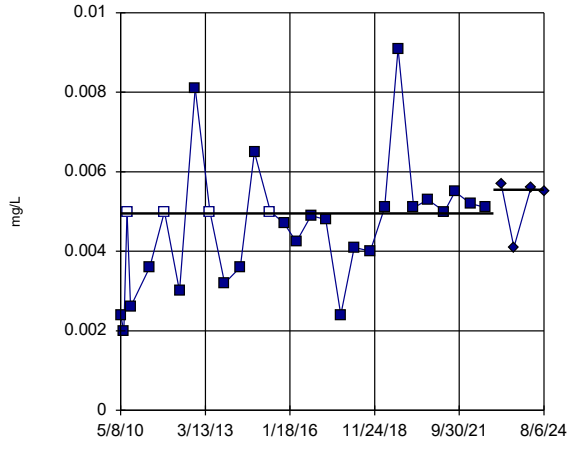
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	No

Constituent: Vanadium Analysis Run 6/18/2025 4:08 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-17 (bg)



GWA-17 background

GWA-17 compliance

background median = 0.00495

compliance median = 0.00555

Z = 1.57 (two-tail)

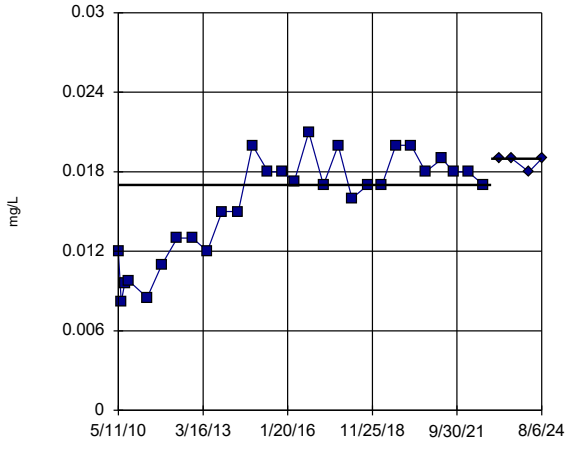
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Vanadium Analysis Run 6/18/2025 4:08 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-1



GWC-1 background

GWC-1 compliance

background median = 0.017

compliance median = 0.019

Z = 1.749 (two-tail)

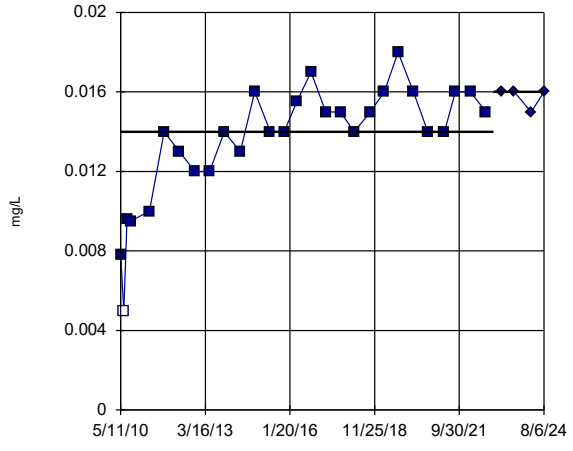
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Vanadium Analysis Run 6/18/2025 4:08 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-2



GWC-2 background

GWC-2 compliance

background median = 0.014

compliance median = 0.016

Z = 1.851 (two-tail)

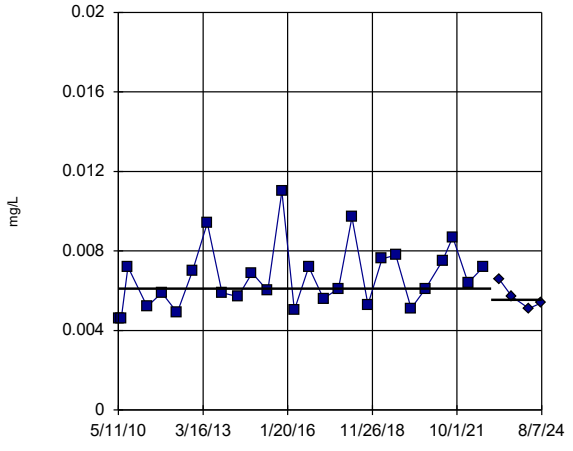
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Vanadium Analysis Run 6/18/2025 4:08 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-3



GWC-3 background

GWC-3 compliance

background median = 0.0061

compliance median = 0.00555

Z = -1.15 (two-tail)

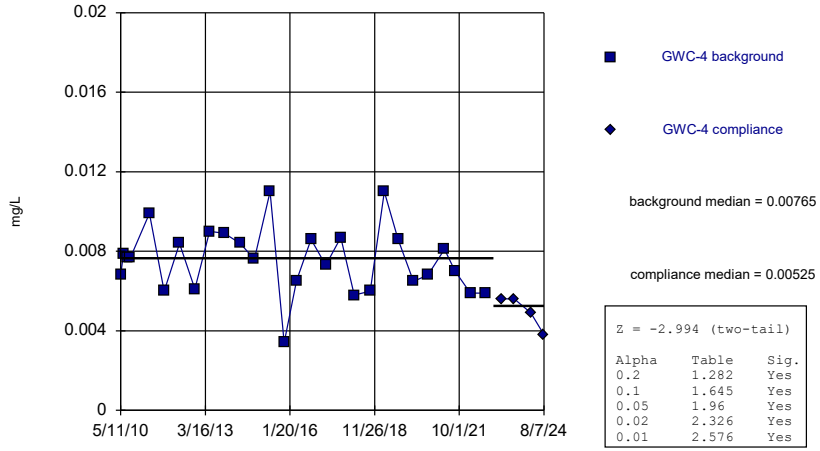
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Vanadium Analysis Run 6/18/2025 4:08 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-4



background median = 0.00765

compliance median = 0.00525

Z = -2.994 (two-tail)

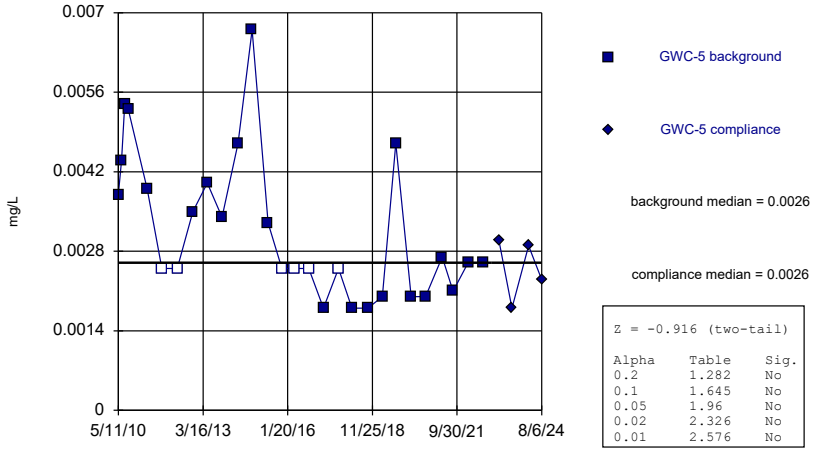
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Vanadium Analysis Run 6/18/2025 4:08 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-5



background median = 0.0026

compliance median = 0.0026

Z = -0.916 (two-tail)

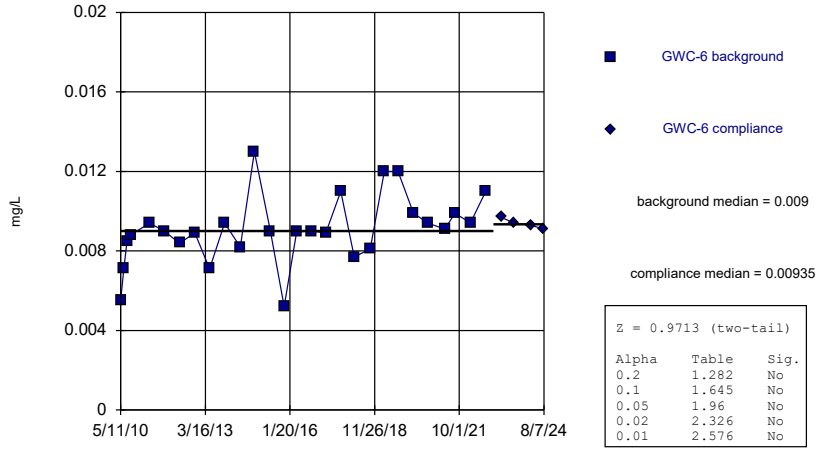
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Vanadium Analysis Run 6/18/2025 4:08 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-6



background median = 0.009

compliance median = 0.00935

Z = 0.9713 (two-tail)

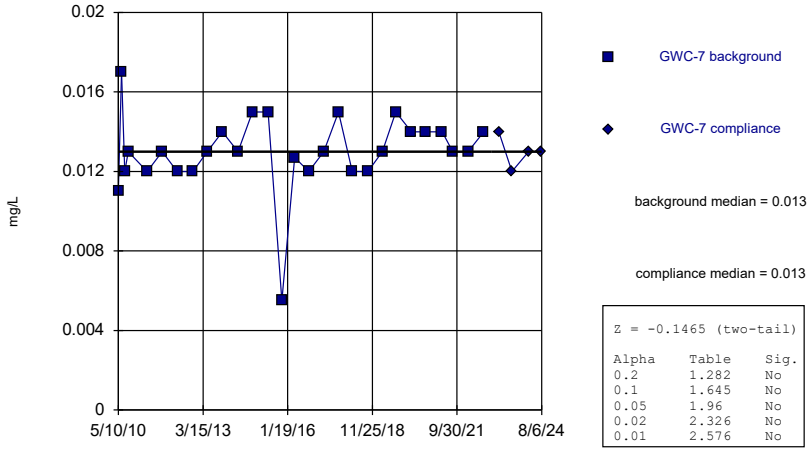
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Vanadium Analysis Run 6/18/2025 4:08 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-7



background median = 0.013

compliance median = 0.013

Z = -0.1465 (two-tail)

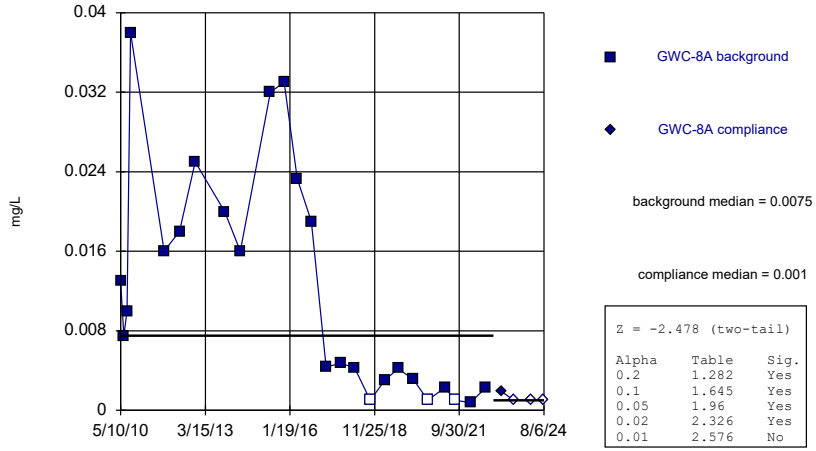
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Vanadium Analysis Run 6/18/2025 4:08 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-8A



Z = -2.478 (two-tail)

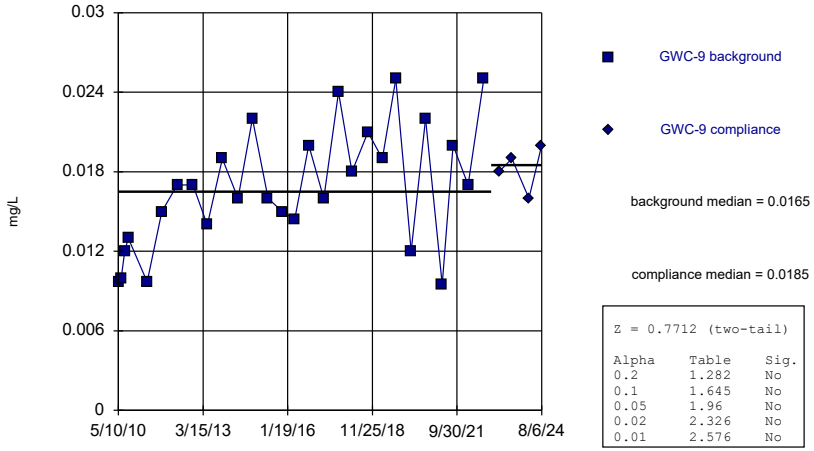
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	No

Constituent: Vanadium Analysis Run 6/18/2025 4:08 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-9



Z = 0.7712 (two-tail)

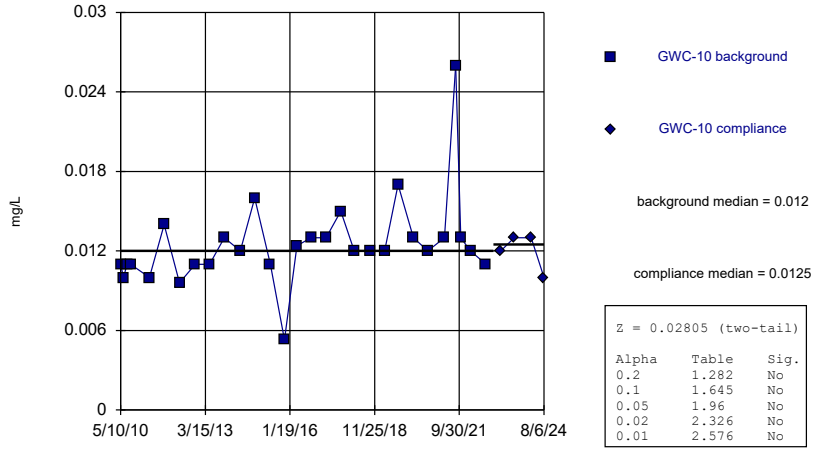
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Vanadium Analysis Run 6/18/2025 4:08 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-10



Z = 0.02805 (two-tail)

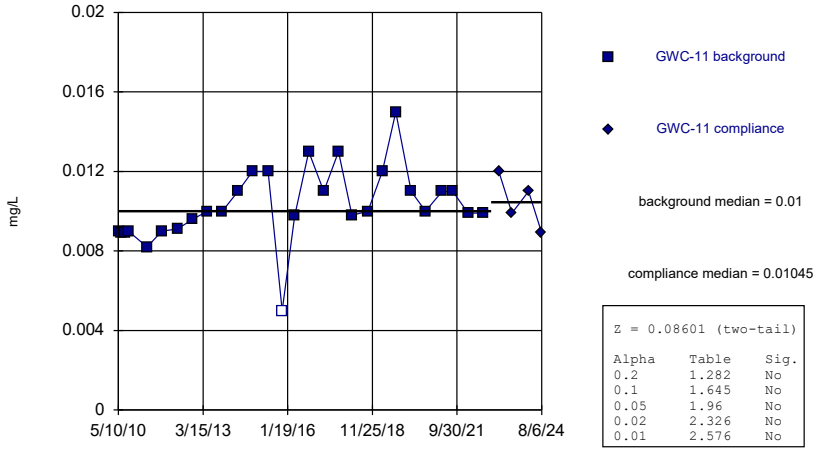
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Vanadium Analysis Run 6/18/2025 4:08 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-11



Z = 0.08601 (two-tail)

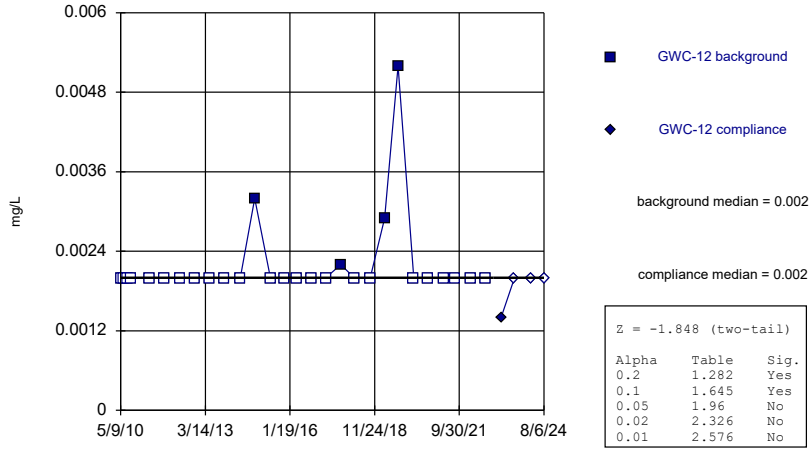
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Vanadium Analysis Run 6/18/2025 4:08 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-12



Z = -1.848 (two-tail)

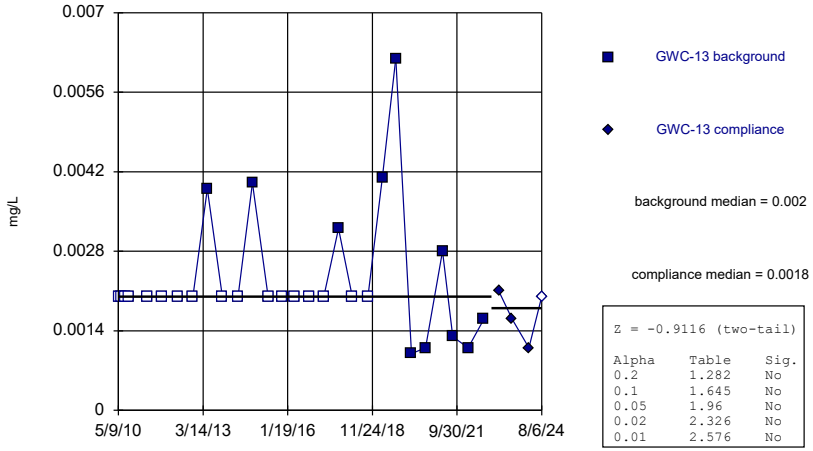
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Vanadium Analysis Run 6/18/2025 4:08 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-13



Z = -0.9116 (two-tail)

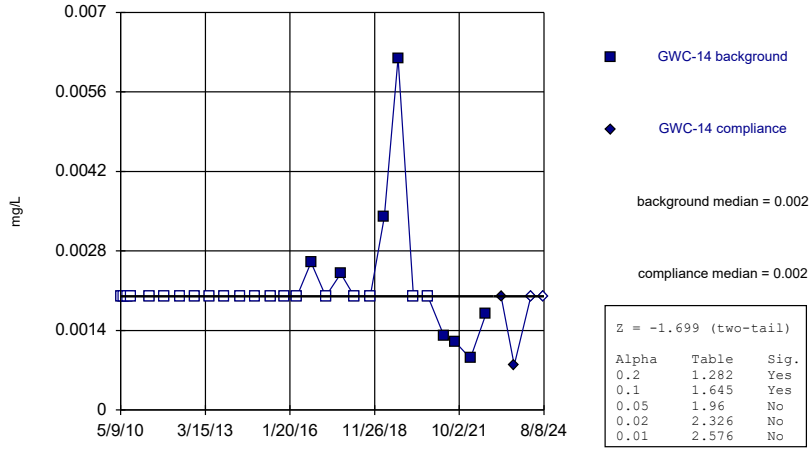
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Vanadium Analysis Run 6/18/2025 4:08 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-14



Z = -1.699 (two-tail)

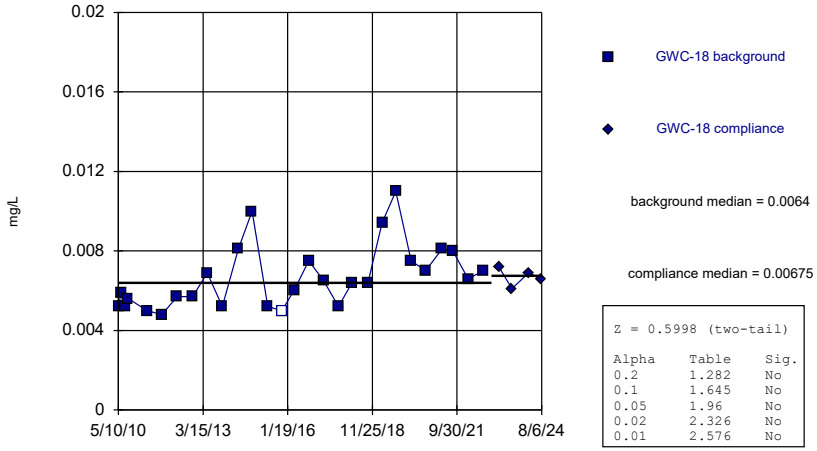
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Vanadium Analysis Run 6/18/2025 4:08 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-18



Z = 0.5998 (two-tail)

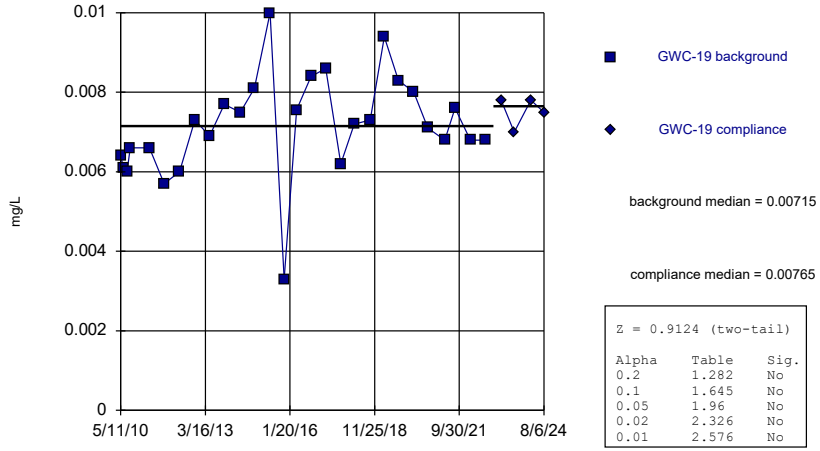
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Vanadium Analysis Run 6/18/2025 4:08 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-19



background median = 0.00715

compliance median = 0.00765

Z = 0.9124 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

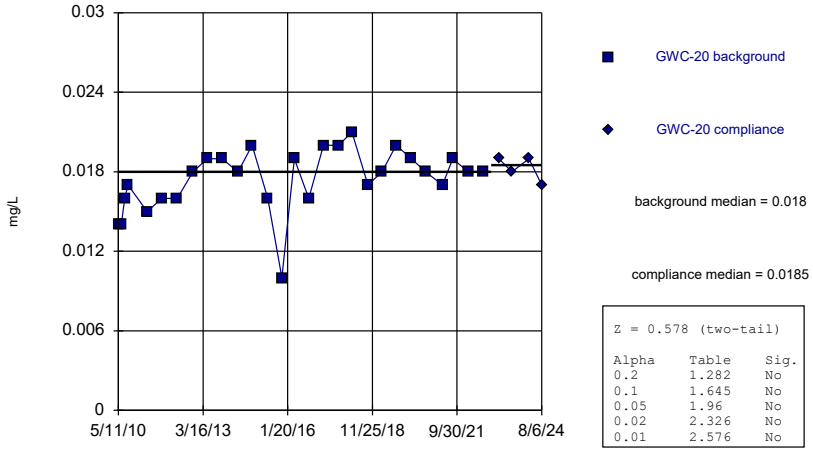
Constituent: Vanadium Analysis Run 6/18/2025 4:08 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-20



background median = 0.018

compliance median = 0.0185

Z = 0.578 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Vanadium Analysis Run 6/18/2025 4:08 PM View: Appendix I & III Mann-Whitney

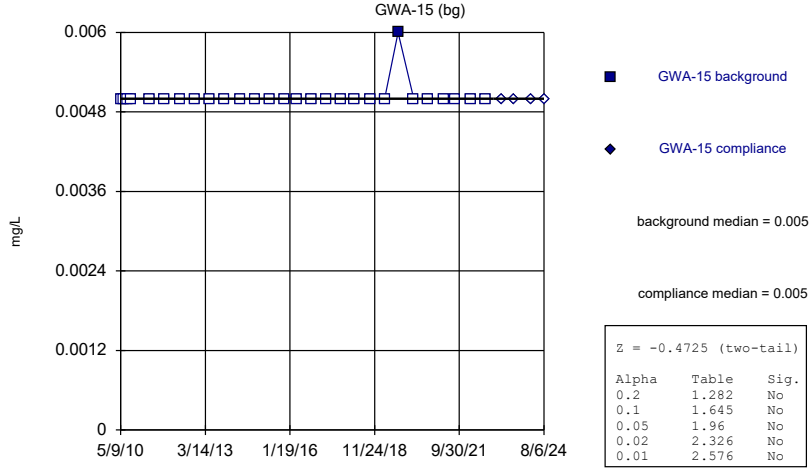
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-15 (bg)



background median = 0.005

compliance median = 0.005

Z = -0.4725 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Zinc Analysis Run 6/18/2025 4:08 PM View: Appendix I & III Mann-Whitney

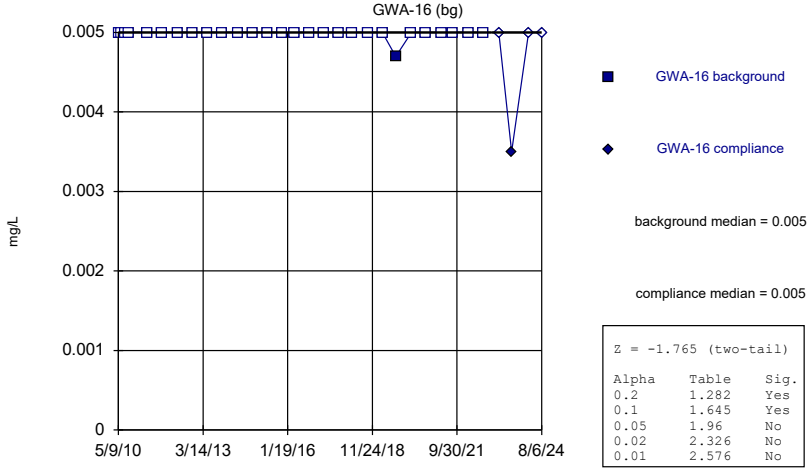
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-16 (bg)



background median = 0.005

compliance median = 0.005

Z = -1.765 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

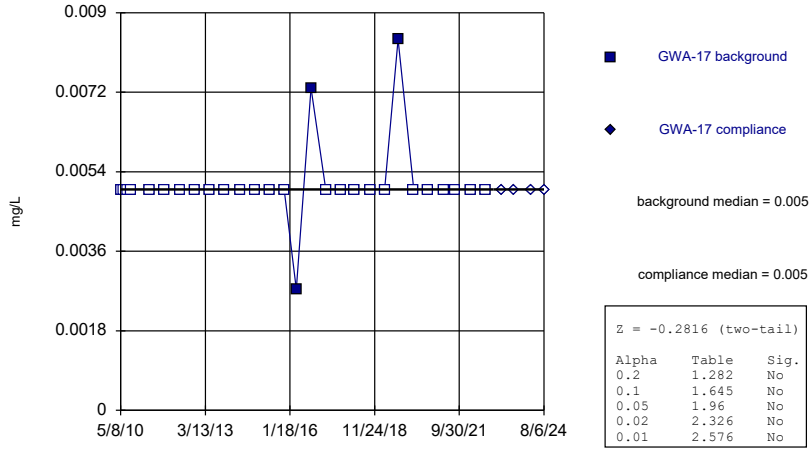
Constituent: Zinc Analysis Run 6/18/2025 4:08 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-17 (bg)



Z = -0.2816 (two-tail)

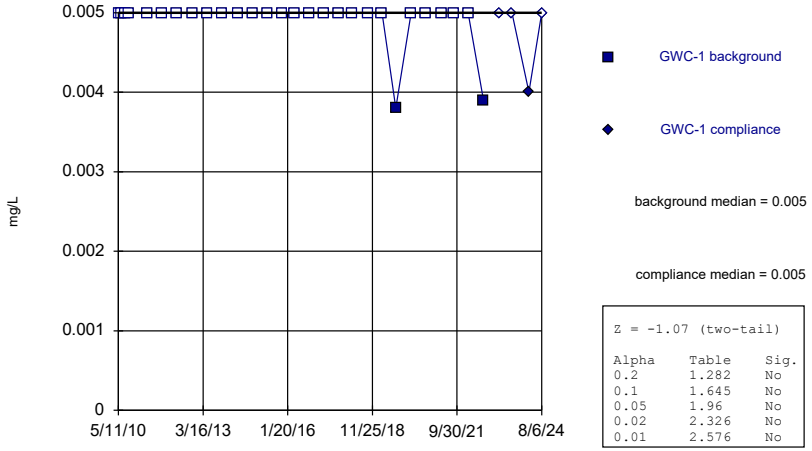
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Zinc Analysis Run 6/18/2025 4:08 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-1



Z = -1.07 (two-tail)

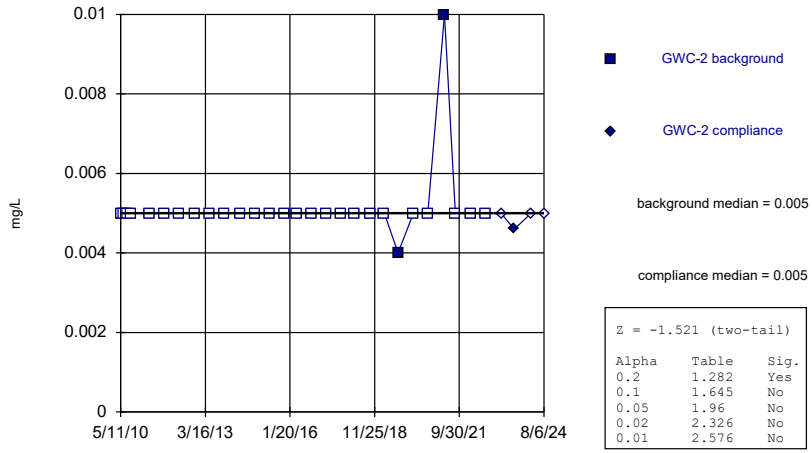
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Zinc Analysis Run 6/18/2025 4:08 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-2



Z = -1.521 (two-tail)

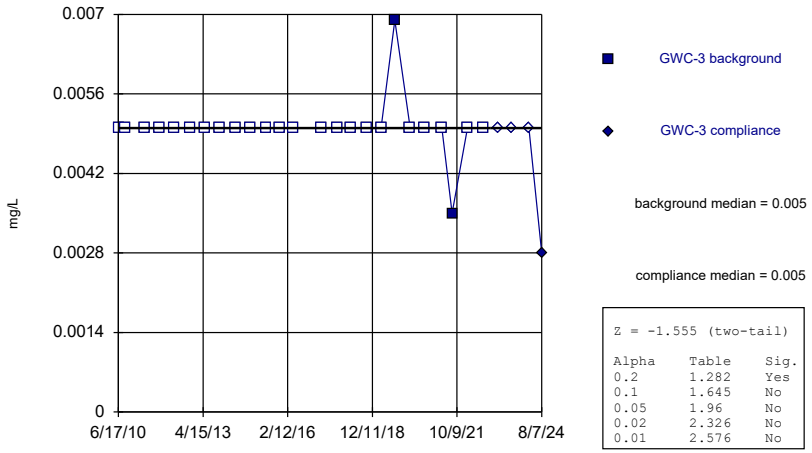
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Zinc Analysis Run 6/18/2025 4:08 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-3



Z = -1.555 (two-tail)

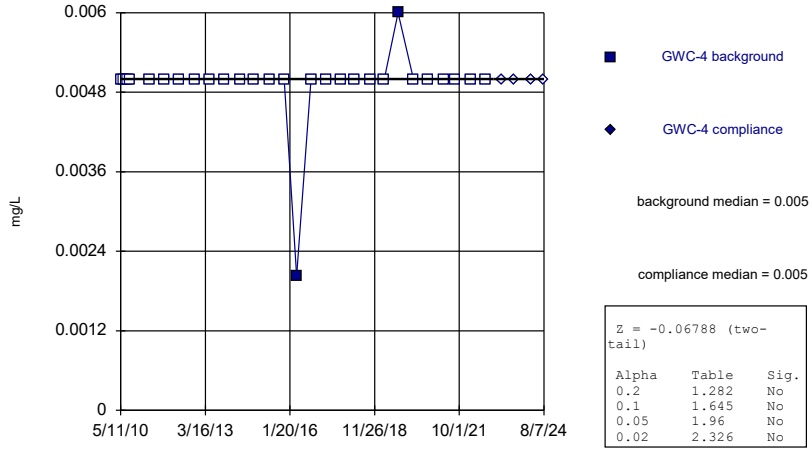
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Zinc Analysis Run 6/18/2025 4:08 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-4



Z = -0.06788 (two-tail)

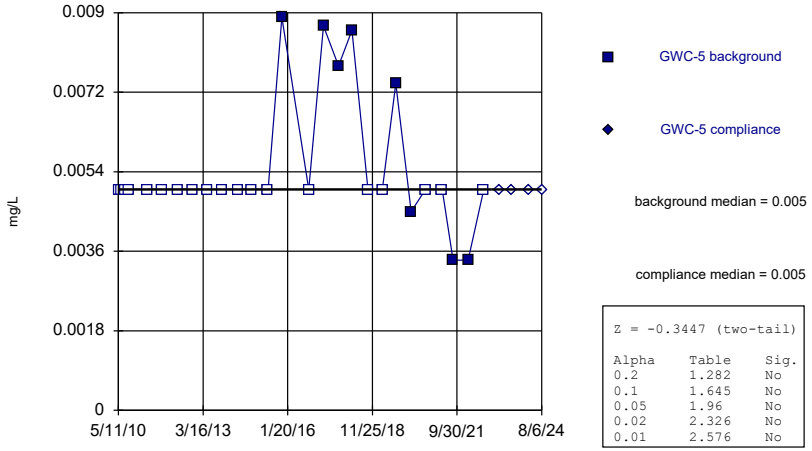
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No

Constituent: Zinc Analysis Run 6/18/2025 4:08 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-5



Z = -0.3447 (two-tail)

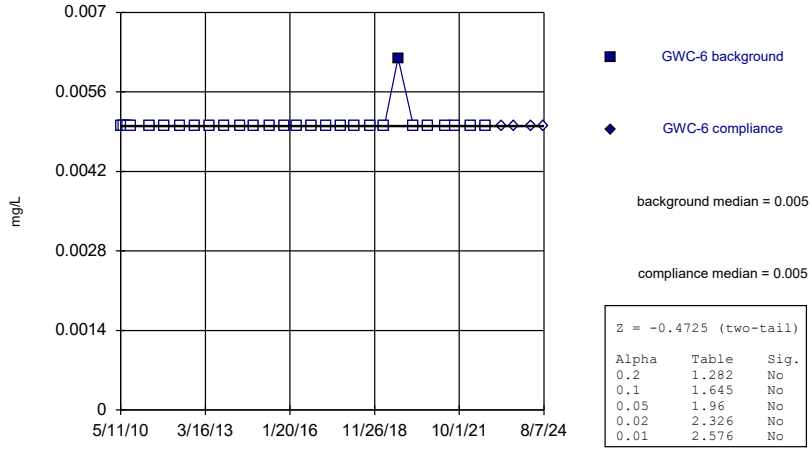
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Zinc Analysis Run 6/18/2025 4:08 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-6



Z = -0.4725 (two-tail)

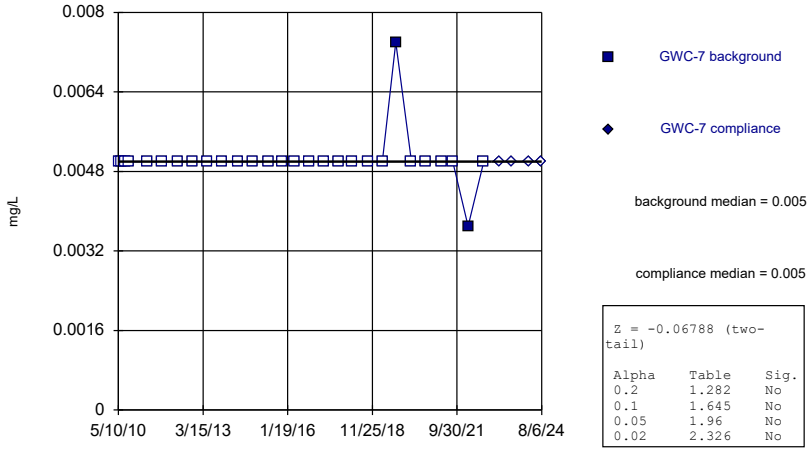
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Zinc Analysis Run 6/18/2025 4:08 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-7



Z = -0.06788 (two-tail)

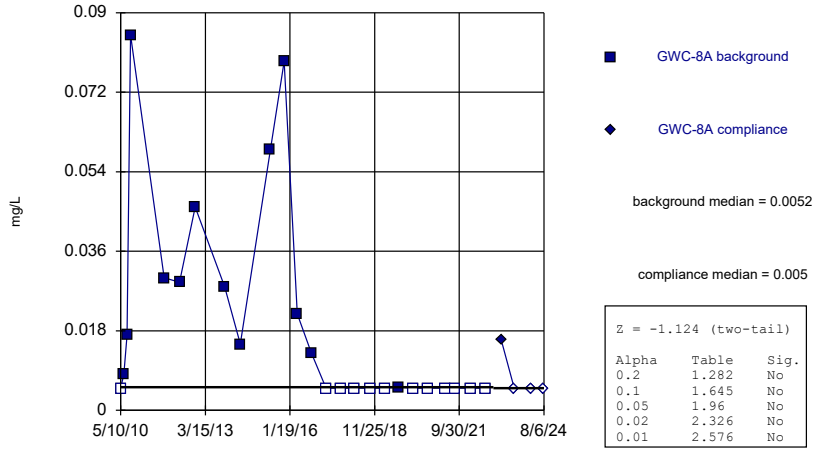
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No

Constituent: Zinc Analysis Run 6/18/2025 4:08 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-8A



Z = -1.124 (two-tail)

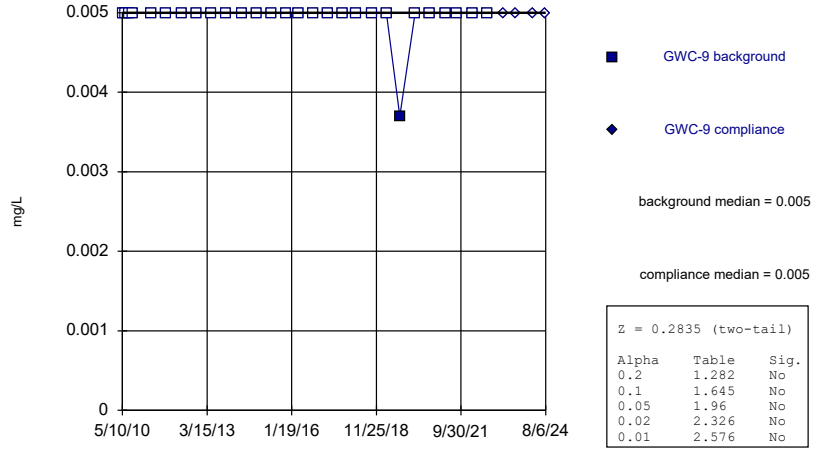
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Zinc Analysis Run 6/18/2025 4:08 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-9



Z = 0.2835 (two-tail)

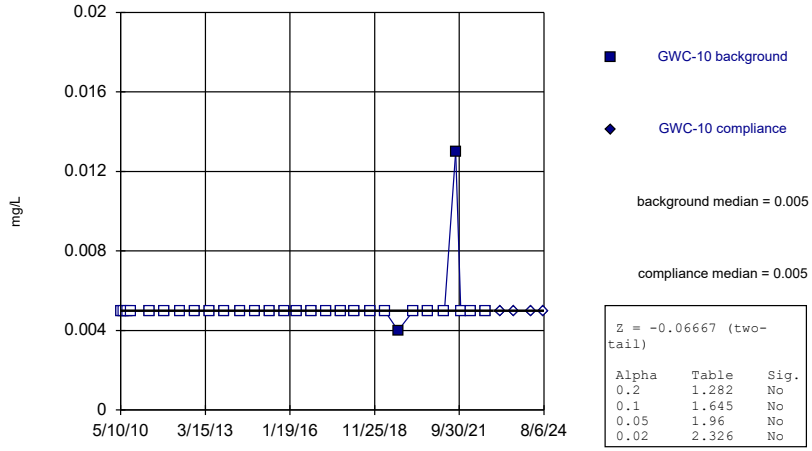
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Zinc Analysis Run 6/18/2025 4:08 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-10



Z = -0.06667 (two-tail)

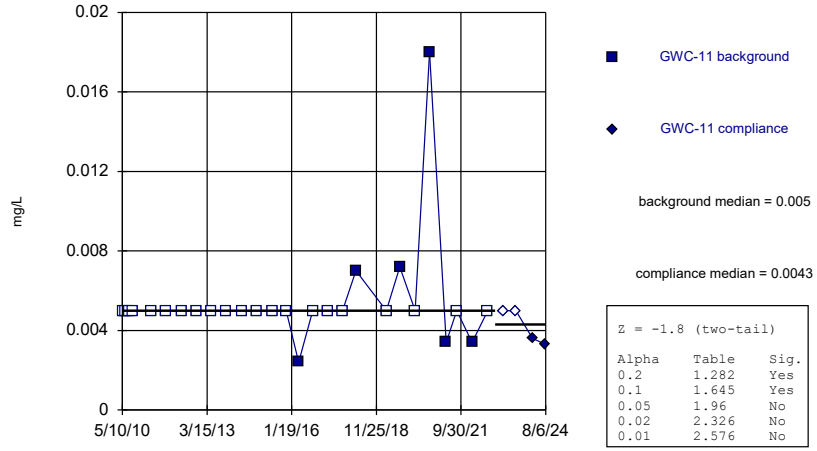
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No

Constituent: Zinc Analysis Run 6/18/2025 4:08 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-11



Z = -1.8 (two-tail)

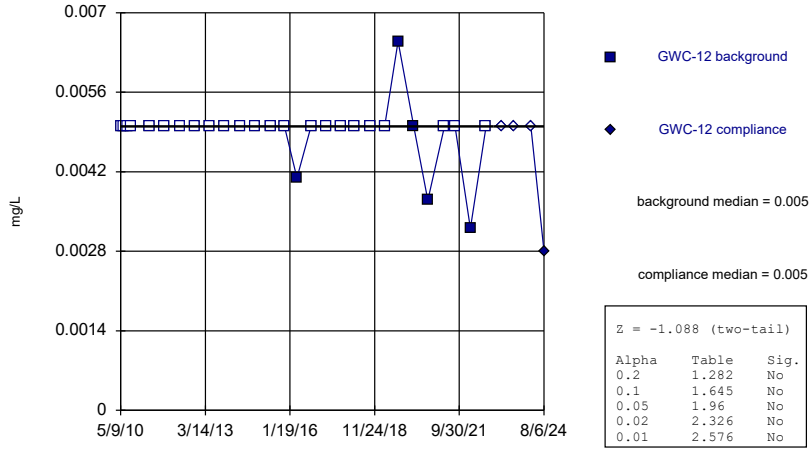
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Zinc Analysis Run 6/18/2025 4:08 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-12



Z = -1.088 (two-tail)

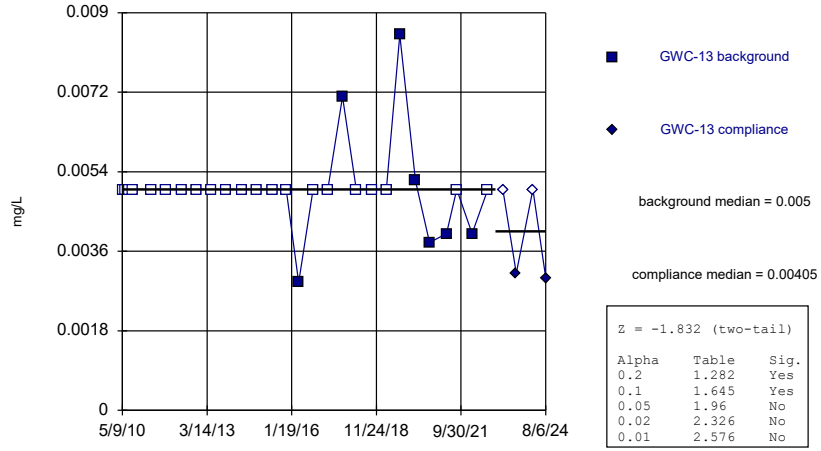
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Zinc Analysis Run 6/18/2025 4:08 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-13



Z = -1.832 (two-tail)

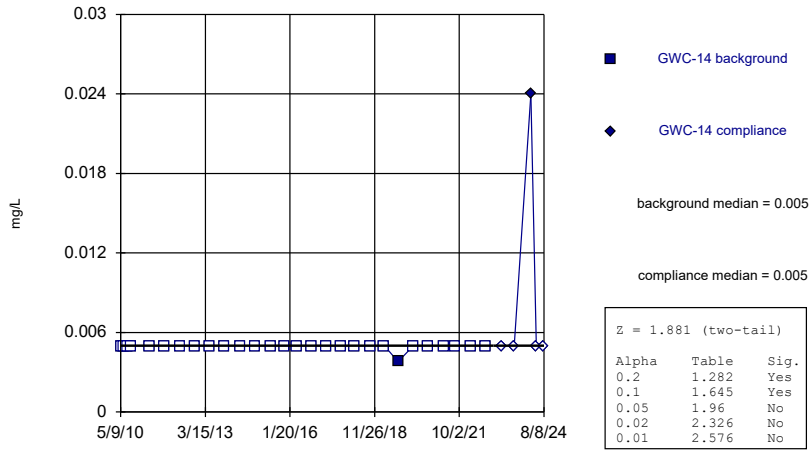
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Zinc Analysis Run 6/18/2025 4:09 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-14



Z = 1.881 (two-tail)

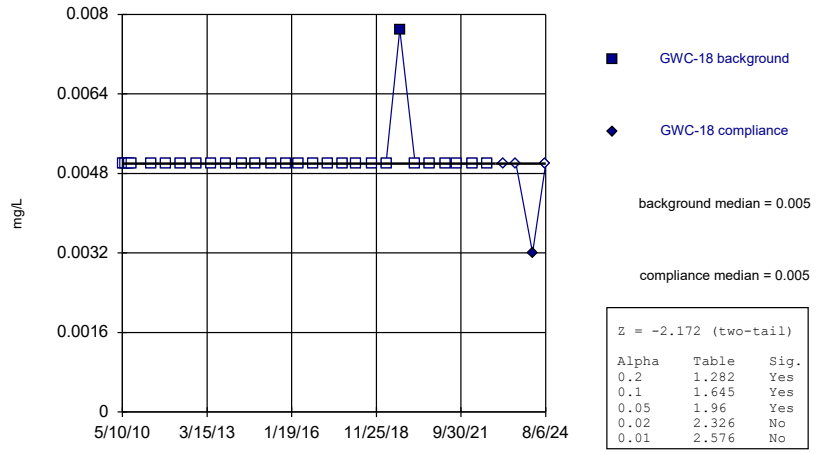
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Zinc Analysis Run 6/18/2025 4:09 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-18



Z = -2.172 (two-tail)

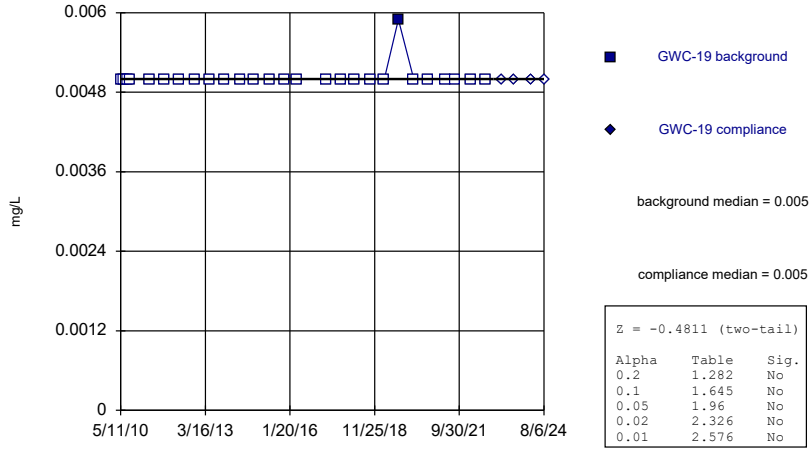
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	No
0.01	2.576	No

Constituent: Zinc Analysis Run 6/18/2025 4:09 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-19



Z = -0.4811 (two-tail)

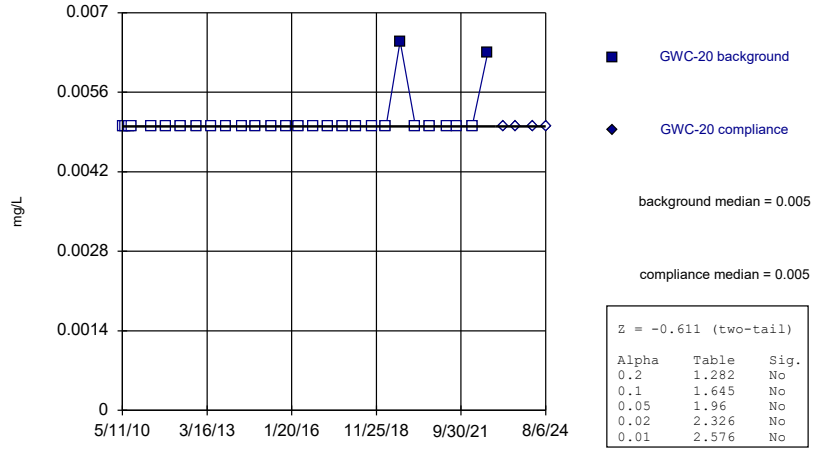
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Zinc Analysis Run 6/18/2025 4:09 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-20



Z = -0.611 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Zinc Analysis Run 6/18/2025 4:09 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Antimony (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-16	GWA-16
5/9/2010	<0.002	
6/16/2010	<0.002	
7/27/2010	<0.002	
9/7/2010	<0.002	
4/29/2011	<0.002	
10/28/2011	<0.002	
5/2/2012	<0.002	
11/9/2012	<0.002	
5/8/2013	<0.002	
11/6/2013	<0.002	
5/20/2014	<0.002	
11/8/2014	<0.002	
5/22/2015	<0.002	
11/9/2015	<0.002	
4/6/2016	<0.002	
6/15/2016	<0.002	
8/10/2016	<0.002	
10/4/2016	<0.002	
11/29/2016	<0.002	
2/7/2017	0.001 (J)	
4/4/2017	<0.002	
6/20/2017	<0.002	
10/5/2017	<0.002	
3/20/2018	<0.002	
10/2/2018	<0.002	
3/26/2019	<0.002	
9/10/2019	<0.002	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/1/2021	<0.002	
8/11/2021	<0.002	
2/15/2022	<0.002	
8/25/2022	<0.002	
2/28/2023		<0.002
8/3/2023		<0.002
2/28/2024		<0.002
8/6/2024		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Antimony (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-2	GWC-2
5/11/2010	<0.002	
6/19/2010	<0.002	
7/27/2010	<0.002	
9/9/2010	<0.002	
4/28/2011	<0.002	
10/28/2011	<0.002	
5/3/2012	<0.002	
11/9/2012	<0.002	
5/9/2013	<0.002	
11/5/2013	<0.002	
5/22/2014	<0.002	
11/13/2014	<0.002	
5/24/2015	<0.002	
11/11/2015	<0.002	
4/12/2016	<0.002	
6/16/2016	<0.002	
8/11/2016	<0.002	
10/4/2016	<0.002	
11/30/2016	<0.002	
2/7/2017	<0.002	
4/6/2017	<0.002	
6/20/2017	<0.002	
10/4/2017	<0.002	
3/20/2018	<0.002	
10/2/2018	<0.002	
3/26/2019	<0.002	
9/10/2019	0.00042 (J)	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/1/2021	0.0013 (J)	
8/12/2021	<0.002	
2/15/2022	<0.002	
8/26/2022	<0.002	
2/27/2023		<0.002
8/9/2023		<0.002
3/1/2024		<0.002
8/6/2024		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Antimony (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-3
5/11/2010	<0.002	
6/17/2010	<0.002	
7/28/2010	<0.002	
9/7/2010	<0.002	
4/29/2011	<0.002	
10/28/2011	<0.002	
5/3/2012	<0.002	
11/9/2012	<0.002	
5/10/2013	<0.002	
11/6/2013	<0.002	
5/22/2014	<0.002	
11/9/2014	<0.002	
5/22/2015	<0.002	
11/10/2015	<0.002	
4/12/2016	<0.002	
6/20/2016	0.0002 (J)	
8/12/2016	<0.002	
10/5/2016	<0.002	
11/30/2016	<0.002	
2/8/2017	<0.002	
4/6/2017	<0.002	
6/21/2017	<0.002	
10/5/2017	<0.002	
3/21/2018	<0.002	
10/3/2018	<0.002	
3/26/2019	<0.002	
9/10/2019	<0.002	
3/18/2020	<0.002	
9/10/2020	<0.002	
4/6/2021	<0.002	
8/12/2021	<0.002	
2/15/2022	<0.002	
8/25/2022	<0.002	
2/28/2023		<0.002
8/9/2023		<0.002
3/4/2024		0.0013 (J)
8/7/2024		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Antimony (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
5/11/2010	<0.002	
6/17/2010	<0.002	
7/28/2010	<0.002	
9/8/2010	<0.002	
4/28/2011	<0.002	
10/29/2011	<0.002	
5/3/2012	<0.002	
11/10/2012	<0.002	
5/10/2013	<0.002	
11/6/2013	<0.002	
5/22/2014	<0.002	
11/9/2014	<0.002	
5/22/2015	<0.002	
11/11/2015	<0.002	
4/12/2016	<0.002	
6/20/2016	<0.002	
8/12/2016	<0.002	
10/6/2016	<0.002	
11/30/2016	<0.002	
2/8/2017	<0.002	
4/6/2017	<0.002	
6/22/2017	<0.002	
10/6/2017	<0.002	
3/21/2018	<0.002	
10/3/2018	<0.002	
3/26/2019	<0.002	
9/10/2019	<0.002	
3/19/2020	<0.002	
9/10/2020	<0.002	
4/2/2021	<0.002	
8/12/2021	<0.002	
2/15/2022	<0.002	
8/25/2022	0.00058 (J)	
2/27/2023		<0.002
8/8/2023		<0.002
2/29/2024		<0.002
8/7/2024		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Antimony (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-7	GWC-7
5/10/2010	<0.002	
6/18/2010	<0.002	
7/28/2010	<0.002	
9/9/2010	<0.002	
4/30/2011	<0.002	
10/29/2011	<0.002	
5/4/2012	<0.002	
11/10/2012	<0.002	
5/9/2013	<0.002	
11/7/2013	<0.002	
5/21/2014	<0.002	
11/12/2014	<0.002	
5/24/2015	<0.002	
11/11/2015	<0.002	
4/13/2016	<0.002	
6/20/2016	0.0002 (J)	
8/15/2016	<0.002	
10/6/2016	<0.002	
12/1/2016	<0.002	
2/9/2017	<0.002	
4/7/2017	<0.002	
6/22/2017	<0.002	
10/6/2017	<0.002	
3/22/2018	<0.002	
10/4/2018	<0.002	
3/27/2019	<0.002	
9/11/2019	<0.002	
3/19/2020	<0.002	
9/10/2020	<0.002	
4/1/2021	<0.002	
8/11/2021	<0.002	
2/15/2022	<0.002	
8/25/2022	<0.002	
2/27/2023		<0.002
8/8/2023		<0.002
2/29/2024		<0.002
8/6/2024		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Antimony (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-12	GWC-12
5/9/2010	<0.002	
6/18/2010	<0.002	
7/27/2010	<0.002	
9/8/2010	<0.002	
4/29/2011	<0.002	
10/28/2011	<0.002	
5/3/2012	<0.002	
11/10/2012	<0.002	
5/9/2013	<0.002	
11/6/2013	<0.002	
5/20/2014	<0.002	
11/12/2014	<0.002	
5/23/2015	<0.002	
11/12/2015	<0.002	
4/13/2016	0.000646 (J)	
6/21/2016	<0.002	
8/15/2016	<0.002	
10/5/2016	<0.002	
12/1/2016	<0.002	
2/8/2017	<0.002	
4/5/2017	<0.002	
6/20/2017	<0.002	
10/5/2017	<0.002	
3/21/2018	<0.002	
10/2/2018	<0.002	
3/26/2019	<0.002	
9/11/2019	<0.002	
3/18/2020	<0.002	
9/10/2020	<0.002	
4/1/2021	<0.002	
8/11/2021	<0.002	
2/16/2022	<0.002	
8/26/2022	<0.002	
2/27/2023		<0.002
8/9/2023		<0.002
2/29/2024		<0.002
8/6/2024		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Antimony (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-13
5/9/2010	<0.002	
6/18/2010	<0.002	
7/29/2010	<0.002	
9/9/2010	<0.002	
4/26/2011	<0.002	
10/28/2011	<0.002	
5/4/2012	<0.002	
11/11/2012	<0.002	
5/8/2013	<0.002	
11/7/2013	<0.002	
5/20/2014	<0.002	
11/12/2014	<0.002	
5/24/2015	<0.002	
11/12/2015	<0.002	
4/13/2016	<0.002	
6/21/2016	0.0003 (J)	
8/15/2016	<0.002	
10/7/2016	<0.002	
12/1/2016	<0.002	
2/9/2017	<0.002	
4/6/2017	<0.002	
6/22/2017	<0.002	
10/6/2017	<0.002	
3/22/2018	<0.002	
10/3/2018	<0.002	
3/26/2019	<0.002	
9/11/2019	<0.002	
3/18/2020	<0.002	
9/10/2020	<0.002	
4/6/2021	<0.002	
8/11/2021	<0.002	
2/16/2022	<0.002	
8/26/2022	<0.002	
2/27/2023		<0.002
8/9/2023		<0.002
3/1/2024		<0.002
8/6/2024		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Antimony (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-18	GWC-18
5/10/2010	<0.002	
6/16/2010	<0.002	
7/26/2010	<0.002	
9/7/2010	<0.002	
4/29/2011	<0.002	
10/28/2011	<0.002	
5/2/2012	<0.002	
11/9/2012	<0.002	
5/8/2013	<0.002	
11/6/2013	<0.002	
5/23/2014	<0.002	
11/8/2014	<0.002	
5/22/2015	<0.002	
11/10/2015	<0.002	
4/11/2016	<0.002	
6/16/2016	0.00018 (J)	
8/11/2016	<0.002	
10/5/2016	<0.002	
11/29/2016	<0.002	
2/8/2017	<0.002	
4/6/2017	<0.002	
6/21/2017	<0.002	
10/5/2017	<0.002	
3/20/2018	<0.002	
10/2/2018	<0.002	
3/26/2019	<0.002	
9/11/2019	0.00039 (J)	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/1/2021	<0.002	
8/11/2021	<0.002	
2/16/2022	<0.002	
8/25/2022	<0.002	
2/28/2023		<0.002
8/9/2023		<0.002
2/29/2024		<0.002
8/6/2024		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Antimony (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-19	GWC-19
5/11/2010	<0.002	
6/16/2010	<0.002	
7/27/2010	<0.002	
9/7/2010	<0.002	
4/29/2011	<0.002	
10/28/2011	<0.002	
5/2/2012	<0.002	
11/9/2012	<0.002	
5/9/2013	<0.002	
11/6/2013	<0.002	
5/22/2014	<0.002	
11/8/2014	<0.002	
5/22/2015	<0.002	
11/10/2015	<0.002	
4/11/2016	<0.002	
6/16/2016	0.00014 (J)	
8/11/2016	<0.002	
10/5/2016	<0.002	
11/29/2016	<0.002	
2/8/2017	<0.002	
4/5/2017	<0.002	
6/21/2017	<0.002	
10/5/2017	<0.002	
3/20/2018	<0.002	
10/2/2018	<0.002	
3/26/2019	<0.002	
9/12/2019	<0.002	
3/19/2020	<0.002	
9/9/2020	<0.002	
4/5/2021	<0.002	
8/11/2021	<0.002	
2/16/2022	<0.002	
8/25/2022	<0.002	
2/28/2023		<0.002
8/8/2023		<0.002
2/29/2024		<0.002
8/6/2024		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15	GWA-15
5/9/2010	0.01 (J)	
6/18/2010	0.01 (J)	
7/28/2010	0.011 (J)	
9/9/2010	0.011 (J)	
4/30/2011	0.0091 (J)	
10/28/2011	0.0096 (J)	
5/2/2012	0.012	
11/9/2012	0.012	
5/8/2013	0.01	
11/5/2013	0.0098 (J)	
5/20/2014	0.0081 (J)	
11/12/2014	0.0098 (J)	
5/22/2015	0.0088 (J)	
11/11/2015	0.011	
4/6/2016	0.00959 (J)	
6/15/2016	0.0091 (J)	
8/10/2016	0.009	
10/4/2016	0.0092	
11/30/2016	0.011	
2/7/2017	0.0099	
4/4/2017	0.0092	
6/20/2017	0.0099	
10/4/2017	0.0098	
3/20/2018	0.01	
10/2/2018	0.0099	
3/26/2019	0.0099	
9/10/2019	0.011	
3/18/2020	0.01	
9/9/2020	0.01	
4/1/2021	0.0092 (J)	
8/11/2021	0.01	
2/15/2022	0.012	
8/25/2022	0.012	
2/28/2023		0.01
8/3/2023		0.01
3/4/2024		0.01
8/6/2024		0.01

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-16	GWA-16
5/9/2010	0.031 (J)	
6/16/2010	0.029 (J)	
7/27/2010	0.029 (J)	
9/7/2010	0.028 (J)	
4/29/2011	0.026 (J)	
10/28/2011	0.025	
5/2/2012	0.025	
11/9/2012	0.028	
5/8/2013	0.029	
11/6/2013	0.026	
5/20/2014	0.025	
11/8/2014	0.026	
5/22/2015	0.026	
11/9/2015	0.024	
4/6/2016	0.026	
6/15/2016	0.023	
8/10/2016	0.022	
10/4/2016	0.024	
11/29/2016	0.023	
2/7/2017	0.024	
4/4/2017	0.022	
6/20/2017	0.025	
10/5/2017	0.023	
3/20/2018	0.023	
10/2/2018	0.023	
3/26/2019	0.024	
9/10/2019	0.039	
3/18/2020	0.027	
9/9/2020	0.024	
4/1/2021	0.024	
8/11/2021	0.023	
2/15/2022	0.024	
8/25/2022	0.025	
2/28/2023		0.025
8/3/2023		0.026
2/28/2024		0.03
8/6/2024		0.031

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17	GWA-17
5/8/2010	0.048 (J)	
6/16/2010	0.044 (J)	
7/26/2010	0.042 (J)	
9/7/2010	0.04 (J)	
4/29/2011	0.038 (J)	
10/28/2011	0.034	
5/2/2012	0.03	
11/9/2012	0.039	
5/8/2013	0.034	
11/6/2013	0.032	
5/20/2014	0.03	
11/8/2014	0.031	
5/22/2015	0.033	
11/9/2015	0.034	
4/6/2016	0.0347	
6/15/2016	0.029	
8/10/2016	0.027	
10/5/2016	0.029	
11/29/2016	0.024	
2/7/2017	0.029	
4/4/2017	0.03	
6/20/2017	0.036	
10/5/2017	0.027	
3/20/2018	0.027	
10/2/2018	0.027	
3/26/2019	0.031	
9/10/2019	0.051	
3/18/2020	0.031	
9/9/2020	0.033	
4/1/2021	0.029	
8/11/2021	0.029	
2/15/2022	0.031	
8/24/2022	0.031	
2/28/2023		0.03
8/3/2023		0.027
2/28/2024		0.032
8/6/2024		0.033

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-1	GWC-1
5/11/2010	0.054 (J)	
6/17/2010	0.054 (J)	
7/27/2010	0.054 (J)	
9/9/2010	0.046 (J)	
4/28/2011	0.057 (J)	
10/29/2011	0.046	
5/3/2012	0.049	
11/9/2012	0.045	
5/9/2013	0.053	
11/5/2013	0.045	
5/23/2014	0.043	
11/13/2014	0.046	
5/23/2015	0.046	
11/11/2015	0.047	
4/12/2016	0.0474	
6/16/2016	0.044	
8/11/2016	0.04	
10/4/2016	0.048	
11/30/2016	0.043	
2/7/2017	0.042	
4/5/2017	0.041	
6/20/2017	0.046	
10/4/2017	0.044	
3/20/2018	0.042	
10/2/2018	0.043	
3/26/2019	0.044	
9/10/2019	0.046	
3/18/2020	0.049	
9/9/2020	0.046	
4/1/2021	0.047	
8/18/2021	0.049	
2/15/2022	0.052	
8/24/2022	0.043	
2/27/2023		0.049
8/9/2023		0.048
3/1/2024		0.048
8/6/2024		0.051

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-2	GWC-2
5/11/2010	0.048 (J)	
6/19/2010	0.033 (J)	
7/27/2010	0.047 (J)	
9/9/2010	0.045 (J)	
4/28/2011	0.048 (J)	
10/28/2011	0.044	
5/3/2012	0.047	
11/9/2012	0.055	
5/9/2013	0.049	
11/5/2013	0.045	
5/22/2014	0.04	
11/13/2014	0.045	
5/24/2015	0.045	
11/11/2015	0.045	
4/12/2016	0.0519	
6/16/2016	0.045	
8/11/2016	0.04	
10/4/2016	0.044	
11/30/2016	0.044	
2/7/2017	0.044	
4/6/2017	0.041	
6/20/2017	0.045	
10/4/2017	0.047	
3/20/2018	0.045	
10/2/2018	0.044	
3/26/2019	0.045	
9/10/2019	0.047	
3/18/2020	0.048	
9/9/2020	0.047	
4/1/2021	0.044	
8/12/2021	0.048	
2/15/2022	0.048	
8/26/2022	0.045	
2/27/2023		0.048
8/9/2023		0.045
3/1/2024		0.046
8/6/2024		0.052

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-3
5/11/2010	0.039 (Jo)	
6/17/2010	0.017 (J)	
7/28/2010	0.071 (JO)	
9/7/2010	0.026 (J)	
4/29/2011	0.016 (J)	
10/28/2011	0.014	
5/3/2012	0.017	
11/9/2012	0.022	
5/10/2013	0.025	
11/6/2013	0.015	
5/22/2014	0.016	
11/9/2014	0.017	
5/22/2015	0.017	
11/10/2015	0.018	
4/12/2016	0.0169	
6/20/2016	0.014	
8/12/2016	0.018	
10/5/2016	0.015	
11/30/2016	0.018	
2/8/2017	0.018	
4/6/2017	0.017	
6/21/2017	0.02	
10/5/2017	0.017	
3/21/2018	0.018	
10/3/2018	0.016	
3/26/2019	0.015	
9/10/2019	0.014	
3/18/2020	0.013	
9/10/2020	0.015	
4/6/2021	0.014	
8/12/2021	0.019	
2/15/2022	0.013	
8/25/2022	0.013	
2/28/2023		0.011
8/9/2023		0.013
3/4/2024		0.019
8/7/2024		0.02

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
5/11/2010	0.031 (J)	
6/17/2010	0.033 (J)	
7/28/2010	0.033 (J)	
9/8/2010	0.033 (J)	
4/28/2011	0.039 (J)	
10/29/2011	0.029	
5/3/2012	0.036	
11/10/2012	0.032	
5/10/2013	0.035	
11/6/2013	0.037	
5/22/2014	0.031	
11/9/2014	0.034	
5/22/2015	0.039	
11/11/2015	0.042	
4/12/2016	0.0386	
6/20/2016	0.031	
8/12/2016	0.033	
10/6/2016	0.042	
11/30/2016	0.04	
2/8/2017	0.042	
4/6/2017	0.041	
6/22/2017	0.047	
10/6/2017	0.045	
3/21/2018	0.045	
10/3/2018	0.042	
3/26/2019	0.053	
9/10/2019	0.037	
3/19/2020	0.045	
9/10/2020	0.045	
4/2/2021		0.047
8/12/2021		0.049
2/15/2022		0.055
8/25/2022		0.054
12/28/2022		0.065
2/27/2023		0.081
8/8/2023		0.085
2/29/2024		0.1
8/7/2024		0.097

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-5	GWC-5
5/11/2010	0.034 (J)	
6/18/2010	0.028 (J)	
7/27/2010	0.026 (J)	
9/9/2010	0.022 (J)	
4/29/2011	0.016 (J)	
10/28/2011	0.014	
5/4/2012	0.017	
11/10/2012	0.014	
5/9/2013	0.016	
11/6/2013	0.016	
5/22/2014	0.016	
11/9/2014	0.018	
5/24/2015	0.11	
11/11/2015	0.12	
4/19/2016	0.099	
6/22/2016	0.074	
8/16/2016	0.045	
10/6/2016	0.046	
12/1/2016	0.046	
2/9/2017	0.055	
4/6/2017	0.057	
6/21/2017	0.062	
10/5/2017	0.052	
3/22/2018	0.048	
10/3/2018	0.036	
3/27/2019	0.038	
9/11/2019	0.039	
3/18/2020	0.04	
9/9/2020	0.033	
4/1/2021	0.04	
8/12/2021	0.036	
2/15/2022	0.038	
8/25/2022	0.031	
2/28/2023		0.038
8/8/2023		0.031
2/29/2024		0.042
8/6/2024		0.038

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-6	GWC-6
5/11/2010	0.053 (J)	
6/18/2010	0.055 (J)	
7/27/2010	0.053 (J)	
9/9/2010	0.05 (J)	
4/30/2011	0.05 (J)	
10/29/2011	0.045	
5/4/2012	0.051	
11/10/2012	0.048	
5/9/2013	0.048	
11/7/2013	0.049	
5/21/2014	0.048	
11/9/2014	0.053	
5/24/2015	0.061	
11/11/2015	0.063	
4/12/2016	0.0626	
6/20/2016	0.057	
8/12/2016	0.053	
10/6/2016	0.053	
11/30/2016	0.06	
2/9/2017	0.054	
4/6/2017	0.055	
6/21/2017	0.063	
10/6/2017	0.054	
3/21/2018	0.056	
10/3/2018	0.051	
3/26/2019	0.052	
9/11/2019	0.059	
3/18/2020	0.05	
9/10/2020	0.056	
4/5/2021	0.054	
8/11/2021	0.054	
2/15/2022	0.057	
8/25/2022	0.055	
2/27/2023		0.052
8/8/2023		0.046
2/29/2024		0.06
8/7/2024		0.047

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-7	GWC-7
5/10/2010	0.029 (J)	
6/18/2010	0.044 (J)	
7/28/2010	0.028 (J)	
9/9/2010	0.029 (J)	
4/30/2011	0.025 (J)	
10/29/2011	0.026	
5/4/2012	0.032	
11/10/2012	0.028	
5/9/2013	0.03	
11/7/2013	0.031	
5/21/2014	0.029	
11/12/2014	0.031	
5/24/2015	0.039	
11/11/2015	0.032	
4/13/2016	0.0328	
6/20/2016	0.03	
8/15/2016	0.033	
10/6/2016	0.032	
12/1/2016	0.034	
2/9/2017	0.032	
4/7/2017	0.031	
6/22/2017	0.035	
10/6/2017	0.034	
3/22/2018	0.035	
10/4/2018	0.031	
3/27/2019	0.033	
9/11/2019	0.035	
3/19/2020	0.036	
9/10/2020	0.039	
4/1/2021	0.036	
8/11/2021	0.036	
2/15/2022	0.035	
8/25/2022	0.035	
2/27/2023		0.036
8/8/2023		0.034
2/29/2024		0.041
8/6/2024		0.039

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-8A
5/10/2010	0.05 (J)	
6/19/2010	0.045 (J)	
7/28/2010	0.046 (J)	
9/8/2010	0.071 (J)	
4/30/2011	0.098 (J)	
10/27/2011	0.048	
5/4/2012	0.055	
11/11/2012	0.05	
5/10/2013	0.12	
11/7/2013	0.044	
5/21/2014	0.037	
11/13/2014	0.085	
5/23/2015	0.054	
11/11/2015	0.059	
4/19/2016	0.0415	
10/10/2016	0.034	
12/1/2016	0.037	
2/9/2017	0.043	
4/7/2017	0.019	
6/21/2017	0.017	
8/15/2017	0.021	
9/1/2017	0.02	
10/9/2017	0.019	
3/22/2018	0.019	
10/4/2018	0.012	
3/27/2019	0.025	
9/11/2019	0.022	
3/18/2020	0.043	
9/9/2020	0.053	
4/5/2021	0.045	
8/12/2021	0.026	
2/15/2022	0.048	
8/25/2022	0.03	
2/27/2023		0.055
8/8/2023		0.051
2/29/2024		0.042
8/6/2024		0.029

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-9	GWC-9
5/10/2010	0.026 (J)	
6/16/2010	0.026 (J)	
7/27/2010	0.029 (J)	
9/8/2010	0.027 (J)	
4/29/2011	0.02 (J)	
10/27/2011	0.02	
5/3/2012	0.021	
11/11/2012	0.028	
5/9/2013	0.026	
11/6/2013	0.026	
5/21/2014	0.023	
11/12/2014	0.038	
5/23/2015	0.021	
11/12/2015	0.02	
4/13/2016	0.0164	
6/22/2016	0.0238	
8/15/2016	0.02	
10/6/2016	0.021	
12/1/2016	0.025	
2/8/2017	0.017	
4/6/2017	0.019	
6/21/2017	0.026	
10/5/2017	0.022	
3/21/2018	0.021	
10/2/2018	0.023	
3/27/2019	0.018	
9/11/2019	0.028	
3/18/2020	0.013	
9/9/2020	0.025	
4/1/2021	0.018	
8/12/2021	0.023	
2/15/2022	0.023	
8/25/2022	0.04	
2/27/2023		0.025
8/8/2023		0.027
3/1/2024		0.026
8/6/2024		0.03

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-10	GWC-10
5/10/2010	0.024 (J)	
6/16/2010	0.022 (J)	
7/28/2010	0.023 (J)	
9/8/2010	0.023 (J)	
4/29/2011	0.022 (J)	
10/27/2011	0.022	
5/4/2012	0.019	
11/11/2012	0.025	
5/9/2013	0.024	
11/5/2013	0.025	
5/21/2014	0.024	
11/12/2014	0.026	
5/23/2015	0.026	
11/12/2015	0.026	
4/13/2016	0.0258	
6/21/2016	0.0286	
8/15/2016	0.024	
10/5/2016	0.026	
12/1/2016	0.028	
2/8/2017	0.027	
4/6/2017	0.027	
6/21/2017	0.031	
10/5/2017	0.029	
3/21/2018	0.028	
10/2/2018	0.029	
3/27/2019		0.027
9/11/2019		0.033
3/18/2020		0.036
9/9/2020		0.036
4/1/2021		0.034
8/17/2021		0.04
10/18/2021		0.031
2/15/2022		0.036
8/25/2022		0.035
2/21/2023		0.033
8/9/2023		0.032
3/1/2024		0.036
8/6/2024		0.034

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-11	GWC-11
5/10/2010	0.018 (J)	
6/16/2010	0.018 (J)	
7/27/2010	0.018 (J)	
9/8/2010	0.017 (J)	
4/29/2011	0.016 (J)	
10/27/2011	0.015	
5/4/2012	0.014	
11/10/2012	0.016	
5/9/2013	0.016	
11/6/2013	0.016	
5/20/2014	0.016	
11/12/2014	0.017	
5/24/2015	0.017	
11/12/2015	0.016	
4/13/2016	0.0159	
6/21/2016	0.018	
8/15/2016	0.015	
10/5/2016	0.016	
12/1/2016	0.016	
2/8/2017	0.015	
4/6/2017	0.016	
6/20/2017	0.016	
10/5/2017	0.016	
3/21/2018	0.016	
10/2/2018	0.016	
3/27/2019	0.015	
9/11/2019	0.017	
3/18/2020	0.019	
9/10/2020	0.02	
4/1/2021	0.018	
8/11/2021	0.017	
2/16/2022	0.018	
8/25/2022	0.018	
2/27/2023		0.019
8/9/2023		0.019
2/29/2024		0.02
8/6/2024		0.017

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-12	GWC-12
5/9/2010	0.017 (J)	
6/18/2010	0.014 (J)	
7/27/2010	0.015 (J)	
9/8/2010	0.013 (J)	
4/29/2011	0.016 (J)	
10/28/2011	0.013	
5/3/2012	0.012	
11/10/2012	0.015	
5/9/2013	0.015	
11/6/2013	0.015	
5/20/2014	0.015	
11/12/2014	0.018	
5/23/2015	0.016	
11/12/2015	0.015	
4/13/2016	0.0166	
6/21/2016	0.0173	
8/15/2016	0.015	
10/5/2016	0.016	
12/1/2016	0.016	
2/8/2017	0.016	
4/5/2017	0.016	
6/20/2017	0.017	
10/5/2017	0.017	
3/21/2018	0.017	
10/2/2018	0.016	
3/26/2019	0.017	
9/11/2019	0.017	
3/18/2020	0.018	
9/10/2020	0.019	
4/1/2021	0.018	
8/11/2021	0.018	
2/16/2022	0.018	
8/26/2022	0.018	
2/27/2023		0.019
8/9/2023		0.02
2/29/2024		0.019
8/6/2024		0.018

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-13
5/9/2010	0.029 (J)	
6/18/2010	0.028 (J)	
7/29/2010	0.029 (J)	
9/9/2010	0.028 (J)	
4/26/2011	0.038 (J)	
10/28/2011	0.026	
5/4/2012	0.024	
11/11/2012	0.027	
5/8/2013	0.045	
11/7/2013	0.026	
5/20/2014	0.024	
11/12/2014	0.029	
5/24/2015	0.027	
11/12/2015	0.029	
4/13/2016	0.029	
6/21/2016	0.0306	
8/15/2016	0.026	
10/7/2016	0.031	
12/1/2016	0.031	
2/9/2017	0.032	
4/6/2017	0.029	
6/22/2017	0.034	
10/6/2017	0.031	
3/22/2018	0.034	
10/3/2018	0.03	
3/26/2019		0.035
9/11/2019		0.035
3/18/2020		0.058
9/10/2020		0.037
4/6/2021		0.038
8/11/2021		0.037
2/16/2022		0.035
8/26/2022		0.035
2/27/2023		0.04
8/9/2023		0.04
3/1/2024		0.039
8/6/2024		0.036

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-14	GWC-14
5/9/2010	0.01 (J)	
6/18/2010	0.0097 (J)	
7/28/2010	0.0096 (J)	
9/9/2010	0.01 (J)	
4/30/2011	0.0096 (J)	
10/28/2011	0.0064 (JO)	
5/3/2012	0.0054 (JO)	
11/10/2012	0.0094 (J)	
5/8/2013	0.0093 (J)	
11/5/2013	0.009 (J)	
5/20/2014	0.009 (J)	
11/12/2014	0.0098 (J)	
5/24/2015	0.0096 (J)	
11/11/2015	0.0092 (J)	
4/13/2016	0.00929 (J)	
6/21/2016	0.0106	
8/15/2016	0.0077	
10/4/2016	0.0091	
12/1/2016	0.0089	
2/7/2017	0.0089	
4/6/2017	0.0085	
6/20/2017	0.0097	
10/5/2017	0.0096	
3/20/2018	0.0091	
10/2/2018	0.0096	
3/26/2019	0.0092	
9/11/2019	0.011	
3/18/2020	0.0099 (J)	
9/9/2020	0.01	
4/1/2021	0.0095 (J)	
8/11/2021	0.012	
2/16/2022	0.011	
8/26/2022	0.011	
2/27/2023		0.011
8/9/2023		0.012
3/1/2024		0.012
8/8/2024		0.013

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-18	GWC-18
5/10/2010	0.039 (J)	
6/16/2010	0.041 (J)	
7/26/2010	0.04 (J)	
9/7/2010	0.038 (J)	
4/29/2011	0.034 (J)	
10/28/2011	0.035	
5/2/2012	0.038	
11/9/2012	0.035	
5/8/2013	0.037	
11/6/2013	0.036	
5/23/2014	0.036	
11/8/2014	0.038	
5/22/2015	0.035	
11/10/2015	0.032	
4/11/2016	0.0352	
6/16/2016	0.033	
8/11/2016	0.035	
10/5/2016	0.032	
11/29/2016	0.034	
2/8/2017	0.032	
4/6/2017	0.031	
6/21/2017	0.035	
10/5/2017	0.034	
3/20/2018	0.033	
10/2/2018	0.032	
3/26/2019	0.033	
9/11/2019	0.035	
3/18/2020	0.036	
9/9/2020	0.036	
4/1/2021	0.035	
8/11/2021	0.037	
2/16/2022	0.034	
8/25/2022	0.035	
2/28/2023		0.035
8/9/2023		0.037
2/29/2024		0.037
8/6/2024		0.037

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-19	GWC-19
5/11/2010	0.018 (J)	
6/16/2010	0.017 (J)	
7/27/2010	0.016 (J)	
9/7/2010	0.017 (J)	
4/29/2011	0.018 (J)	
10/28/2011	0.016	
5/2/2012	0.018	
11/9/2012	0.017	
5/9/2013	0.017	
11/6/2013	0.018	
5/22/2014	0.016	
11/8/2014	0.018	
5/22/2015	0.018	
11/10/2015	0.017	
4/11/2016	0.0191	
6/16/2016	0.017	
8/11/2016	0.015	
10/5/2016	0.018	
11/29/2016	0.017	
2/8/2017	0.017	
4/5/2017	0.017	
6/21/2017	0.019	
10/5/2017	0.018	
3/20/2018	0.019	
10/2/2018	0.018	
3/26/2019		0.018
9/12/2019		0.026
3/19/2020		0.025
9/9/2020		0.026
4/5/2021		0.028
8/11/2021		0.031
2/16/2022		0.027
8/25/2022		0.03
2/28/2023		0.031
8/8/2023		0.032
2/29/2024		0.033
8/6/2024		0.035

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-20	GWC-20
5/11/2010	0.032 (J)	
6/17/2010	0.031 (J)	
7/27/2010	0.035 (J)	
9/7/2010	0.032 (J)	
4/29/2011	0.031 (J)	
10/28/2011	0.03	
5/3/2012	0.032	
11/10/2012	0.028	
5/9/2013	0.029	
11/6/2013	0.03	
5/22/2014	0.029	
11/9/2014	0.032	
5/22/2015	0.029	
11/10/2015	0.026	
4/12/2016	0.033	
6/16/2016	0.028	
8/11/2016	0.026	
10/5/2016	0.03	
11/30/2016	0.03	
2/8/2017	0.033	
4/6/2017	0.033	
6/21/2017	0.03	
10/5/2017	0.028	
3/21/2018	0.03	
10/3/2018	0.028	
3/26/2019	0.03	
9/12/2019	0.035	
3/19/2020	0.032	
9/10/2020	0.031	
4/5/2021	0.029	
8/11/2021	0.031	
2/16/2022	0.03	
8/25/2022	0.031	
2/28/2023		0.032
8/8/2023		0.035
3/1/2024		0.036
8/6/2024		0.037

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Beryllium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17	GWA-17
5/8/2010	<0.0025	
6/16/2010	<0.0025	
7/26/2010	<0.0025	
9/7/2010	<0.0025	
4/29/2011	<0.0025	
10/28/2011	<0.0025	
5/2/2012	<0.0025	
11/9/2012	0.0021 (J)	
5/8/2013	<0.0025	
11/6/2013	<0.0025	
5/20/2014	<0.0025	
11/8/2014	<0.0025	
5/22/2015	<0.0025	
11/9/2015	<0.0025	
4/6/2016	<0.0025	
6/15/2016	<0.0025	
8/10/2016	<0.0025	
10/5/2016	<0.0025	
11/29/2016	<0.0025	
2/7/2017	<0.0025	
4/4/2017	<0.0025	
6/20/2017	<0.0025	
10/5/2017	<0.0025	
3/20/2018	<0.0025	
10/2/2018	<0.0025	
3/26/2019	<0.0025	
9/10/2019	<0.0025	
3/18/2020	<0.0025	
9/9/2020	<0.0025	
4/1/2021	<0.0025	
8/11/2021	<0.0025	
2/15/2022	<0.0025	
8/24/2022	<0.0025	
2/28/2023		<0.0025
8/3/2023		<0.0025
2/28/2024		<0.0025
8/6/2024		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Beryllium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-3
5/11/2010	<0.0025	
6/17/2010	<0.0025	
7/28/2010	<0.0025	
9/7/2010	<0.0025	
4/29/2011	<0.0025	
10/28/2011	<0.0025	
5/3/2012	<0.0025	
11/9/2012	<0.0025	
5/10/2013	<0.0025	
11/6/2013	<0.0025	
5/22/2014	<0.0025	
11/9/2014	<0.0025	
5/22/2015	<0.0025	
11/10/2015	<0.0025	
4/12/2016	<0.0025	
6/20/2016	5.8E-05 (J)	
8/12/2016	<0.0025	
10/5/2016	<0.0025	
11/30/2016	<0.0025	
2/8/2017	<0.0025	
4/6/2017	<0.0025	
6/21/2017	<0.0025	
10/5/2017	<0.0025	
3/21/2018	<0.0025	
10/3/2018	<0.0025	
3/26/2019	<0.0025	
9/10/2019	<0.0025	
3/18/2020	<0.0025	
9/10/2020	<0.0025	
4/6/2021	<0.0025	
8/12/2021	<0.0025	
2/15/2022	<0.0025	
8/25/2022	<0.0025	
2/28/2023		<0.0025
8/9/2023		<0.0025
3/4/2024		<0.0025
8/7/2024		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Beryllium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
5/11/2010	<0.0025	
6/17/2010	<0.0025	
7/28/2010	<0.0025	
9/8/2010	<0.0025	
4/28/2011	<0.0025	
10/29/2011	<0.0025	
5/3/2012	<0.0025	
11/10/2012	<0.0025	
5/10/2013	<0.0025	
11/6/2013	<0.0025	
5/22/2014	<0.0025	
11/9/2014	<0.0025	
5/22/2015	<0.0025	
11/11/2015	<0.0025	
4/12/2016	<0.0025	
6/20/2016	2.3E-05 (J)	
8/12/2016	<0.0025	
10/6/2016	<0.0025	
11/30/2016	<0.0025	
2/8/2017	<0.0025	
4/6/2017	<0.0025	
6/22/2017	<0.0025	
10/6/2017	<0.0025	
3/21/2018	<0.0025	
10/3/2018	<0.0025	
3/26/2019	<0.0025	
9/10/2019	<0.0025	
3/19/2020	<0.0025	
9/10/2020	<0.0025	
4/2/2021	<0.0025	
8/12/2021	<0.0025	
2/15/2022	<0.0025	
8/25/2022	<0.0025	
2/27/2023		<0.0025
8/8/2023		<0.0025
2/29/2024		<0.0025
8/7/2024		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Beryllium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-5	GWC-5
5/11/2010	<0.0025	
6/18/2010	<0.0025	
7/27/2010	<0.0025	
9/9/2010	<0.0025	
4/29/2011	<0.0025	
10/28/2011	<0.0025	
5/4/2012	<0.0025	
11/10/2012	<0.0025	
5/9/2013	<0.0025	
11/6/2013	<0.0025	
5/22/2014	<0.0025	
11/9/2014	<0.0025	
5/24/2015	<0.0025	
11/11/2015	<0.0025	
4/19/2016	<0.0025	
6/22/2016	<0.0025	
8/16/2016	<0.0025	
10/6/2016	<0.0025	
12/1/2016	<0.0025	
2/9/2017	<0.0025	
4/6/2017	<0.0025	
6/21/2017	<0.0025	
10/5/2017	<0.0025	
3/22/2018	<0.0025	
10/3/2018	<0.0025	
3/27/2019	<0.0025	
9/11/2019	<0.0025	
3/18/2020	<0.0025	
9/9/2020	<0.0025	
4/1/2021	<0.0025	
8/12/2021	0.00022 (J)	
2/15/2022	<0.0025	
8/25/2022	<0.0025	
2/28/2023		<0.0025
8/8/2023		<0.0025
2/29/2024		<0.0025
8/6/2024		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Beryllium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-6	GWC-6
5/11/2010	<0.0025	
6/18/2010	<0.0025	
7/27/2010	<0.0025	
9/9/2010	<0.0025	
4/30/2011	<0.0025	
10/29/2011	<0.0025	
5/4/2012	<0.0025	
11/10/2012	<0.0025	
5/9/2013	<0.0025	
11/7/2013	<0.0025	
5/21/2014	<0.0025	
11/9/2014	<0.0025	
5/24/2015	<0.0025	
11/11/2015	<0.0025	
4/12/2016	<0.0025	
6/20/2016	3.2E-05 (J)	
8/12/2016	<0.0025	
10/6/2016	<0.0025	
11/30/2016	<0.0025	
2/9/2017	<0.0025	
4/6/2017	<0.0025	
6/21/2017	<0.0025	
10/6/2017	<0.0025	
3/21/2018	<0.0025	
10/3/2018	<0.0025	
3/26/2019	<0.0025	
9/11/2019	<0.0025	
3/18/2020	<0.0025	
9/10/2020	<0.0025	
4/5/2021	<0.0025	
8/11/2021	<0.0025	
2/15/2022	<0.0025	
8/25/2022	<0.0025	
2/27/2023		<0.0025
8/8/2023		<0.0025
2/29/2024		<0.0025
8/7/2024		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Beryllium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-7	GWC-7
5/10/2010	<0.0025	
6/18/2010	<0.0025	
7/28/2010	<0.0025	
9/9/2010	<0.0025	
4/30/2011	<0.0025	
10/29/2011	<0.0025	
5/4/2012	<0.0025	
11/10/2012	<0.0025	
5/9/2013	<0.0025	
11/7/2013	<0.0025	
5/21/2014	<0.0025	
11/12/2014	<0.0025	
5/24/2015	<0.0025	
11/11/2015	<0.0025	
4/13/2016	<0.0025	
6/20/2016	<0.0025	
8/15/2016	<0.0025	
10/6/2016	<0.0025	
12/1/2016	<0.0025	
2/9/2017	<0.0025	
4/7/2017	<0.0025	
6/22/2017	<0.0025	
10/6/2017	<0.0025	
3/22/2018	<0.0025	
10/4/2018	<0.0025	
3/27/2019	<0.0025	
9/11/2019	<0.0025	
3/19/2020	<0.0025	
9/10/2020	0.00018 (J)	
4/1/2021	<0.0025	
8/11/2021	<0.0025	
2/15/2022	<0.0025	
8/25/2022	<0.0025	
2/27/2023		<0.0025
8/8/2023		<0.0025
2/29/2024		<0.0025
8/6/2024		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Beryllium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-8A
5/10/2010	<0.0025	
6/19/2010	<0.0025	
7/28/2010	<0.0025	
9/8/2010	<0.0025	
4/30/2011	<0.0025	
10/27/2011	<0.0025	
5/4/2012	<0.0025	
11/11/2012	<0.0025	
5/10/2013	<0.0025	
11/7/2013	<0.0025	
5/21/2014	<0.0025	
11/13/2014	<0.0025	
5/23/2015	<0.0025	
11/11/2015	<0.0025	
4/19/2016	<0.0025	
10/10/2016	<0.0025	
12/1/2016	<0.0025	
2/9/2017	<0.0025	
4/7/2017	<0.0025	
6/21/2017	<0.0025	
8/15/2017	<0.0025	
9/1/2017	<0.0025	
10/9/2017	<0.0025	
3/22/2018	<0.0025	
10/4/2018	<0.0025	
3/27/2019	<0.0025	
9/11/2019	<0.0025	
3/18/2020	<0.0025	
9/9/2020	<0.0025	
4/5/2021	0.00038 (J)	
8/12/2021	<0.0025	
2/15/2022	<0.0025	
8/25/2022	<0.0025	
2/27/2023		<0.0025
8/8/2023		<0.0025
2/29/2024		<0.0025
8/6/2024		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15	GWA-15
4/6/2016	<0.08	
6/15/2016	0.0031 (J)	
8/10/2016	<0.08	
10/4/2016	<0.08	
11/30/2016	<0.08	
2/7/2017	<0.08	
4/4/2017	<0.08	
6/20/2017	<0.08	
10/4/2017	<0.08	
3/20/2018	<0.08	
10/2/2018	<0.08	
3/26/2019	<0.08	
9/10/2019	<0.08	
3/18/2020	<0.08	
9/9/2020	<0.08	
4/1/2021	<0.08	
8/11/2021	<0.08	
2/15/2022	<0.08	
8/25/2022	<0.08	
2/28/2023		<0.08
8/3/2023		0.03 (J)
3/4/2024		<0.08
8/6/2024		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17	GWA-17
4/6/2016	<0.08	
6/15/2016	0.0028 (J)	
8/10/2016	<0.08	
10/5/2016	<0.08	
11/29/2016	<0.08	
2/7/2017	<0.08	
4/4/2017	<0.08	
6/20/2017	<0.08	
10/5/2017	<0.08	
3/20/2018	<0.08	
10/2/2018	<0.08	
3/26/2019	<0.08	
9/10/2019	<0.08	
3/18/2020	<0.08	
9/9/2020	<0.08	
4/1/2021	<0.08	
8/11/2021	<0.08	
2/15/2022	<0.08	
8/24/2022	<0.08	
2/28/2023		<0.08
8/3/2023		<0.08
2/28/2024		<0.08
8/6/2024		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-1	GWC-1
4/12/2016	<0.08	
6/16/2016	0.0044 (J)	
8/11/2016	<0.08	
10/4/2016	<0.08	
11/30/2016	<0.08	
2/7/2017	<0.08	
4/5/2017	<0.08	
6/20/2017	<0.08	
10/4/2017	<0.08	
3/20/2018	<0.08	
10/2/2018	<0.08	
3/26/2019	<0.08	
9/10/2019	<0.08	
3/18/2020	<0.08	
9/9/2020	<0.08	
4/1/2021	0.053 (J)	
8/18/2021	<0.08	
2/15/2022	<0.08	
8/24/2022	<0.08	
2/27/2023		<0.08
8/9/2023		<0.08
3/1/2024		<0.08
8/6/2024		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-2	GWC-2
4/12/2016	<0.08	
6/16/2016	0.0034 (J)	
8/11/2016	<0.08	
10/4/2016	<0.08	
11/30/2016	<0.08	
2/7/2017	<0.08	
4/6/2017	<0.08	
6/20/2017	<0.08	
10/4/2017	<0.08	
3/20/2018	<0.08	
10/2/2018	<0.08	
3/26/2019	<0.08	
9/10/2019	<0.08	
3/18/2020	<0.08	
9/9/2020	<0.08	
4/1/2021	<0.08	
8/12/2021	<0.08	
2/15/2022	<0.08	
8/26/2022	<0.08	
2/27/2023		<0.08
8/9/2023		<0.08
3/1/2024		0.023 (J)
8/6/2024		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-3
4/12/2016	<0.08	
6/20/2016	0.0015 (J)	
8/12/2016	<0.08	
10/5/2016	<0.08	
11/30/2016	<0.08	
2/8/2017	<0.08	
4/6/2017	<0.08	
6/21/2017	<0.08	
10/5/2017	<0.08	
3/21/2018	<0.08	
10/3/2018	<0.08	
3/26/2019	<0.08	
9/10/2019	<0.08	
3/18/2020	<0.08	
9/10/2020	<0.08	
4/6/2021	0.078 (J)	
8/12/2021	<0.08	
2/15/2022	<0.08	
8/25/2022	<0.08	
2/28/2023		<0.08
8/9/2023		<0.08
3/4/2024		<0.08
8/7/2024		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
4/12/2016	<0.08	
6/20/2016	0.0026 (J)	
8/12/2016	<0.08	
10/6/2016	<0.08	
11/30/2016	<0.08	
2/8/2017	<0.08	
4/6/2017	<0.08	
6/22/2017	<0.08	
10/6/2017	<0.08	
3/21/2018	<0.08	
10/3/2018	<0.08	
3/26/2019	<0.08	
9/10/2019	<0.08	
3/19/2020	<0.08	
9/10/2020	<0.08	
4/2/2021	<0.08	
8/12/2021	<0.08	
2/15/2022	<0.08	
8/25/2022	<0.08	
2/27/2023		<0.08
8/8/2023		<0.08
2/29/2024		<0.08
8/7/2024		0.13
11/6/2024		0.022 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-5	GWC-5
4/19/2016	<0.1	
6/22/2016	0.238	
8/16/2016	0.39	
10/6/2016	0.34	
12/1/2016	0.37	
2/9/2017	0.38	
4/6/2017	0.4	
6/21/2017	0.39	
10/5/2017	0.47	
3/22/2018	0.48	
10/3/2018	0.47	
3/27/2019	0.33	
9/11/2019	0.31	
3/18/2020	0.26	
9/9/2020	0.24	
4/1/2021	0.23	
8/12/2021	0.19	
2/15/2022	0.19	
8/25/2022	0.19	
2/28/2023		0.19
8/8/2023		0.15
2/29/2024		0.17
8/6/2024		0.14

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-6	GWC-6
4/12/2016	<0.08	
6/20/2016	<0.08	
8/12/2016	<0.08	
10/6/2016	<0.08	
11/30/2016	<0.08	
2/9/2017	<0.08	
4/6/2017	<0.08	
6/21/2017	<0.08	
10/6/2017	<0.08	
3/21/2018	<0.08	
10/3/2018	<0.08	
3/26/2019	<0.08	
9/11/2019	<0.08	
3/18/2020	<0.08	
9/10/2020	<0.08	
4/5/2021	0.042 (J)	
8/11/2021	0.057 (J)	
2/15/2022	<0.08	
8/25/2022	<0.08	
2/27/2023		<0.08
8/8/2023		<0.08
2/29/2024		<0.08
8/7/2024		0.085
11/6/2024		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-7	GWC-7
4/13/2016	<0.08	
6/20/2016	0.0019 (J)	
8/15/2016	<0.08	
10/6/2016	<0.08	
12/1/2016	<0.08	
2/9/2017	<0.08	
4/7/2017	<0.08	
6/22/2017	<0.08	
10/6/2017	<0.08	
3/22/2018	<0.08	
10/4/2018	<0.08	
3/27/2019	<0.08	
9/11/2019	<0.08	
3/19/2020	<0.08	
9/10/2020	<0.08	
4/1/2021	<0.08	
8/11/2021	0.056 (J)	
2/15/2022	<0.08	
8/25/2022	<0.08	
2/27/2023		<0.08
8/8/2023		<0.08
2/29/2024		<0.08
8/6/2024		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-8A
4/19/2016	0.145	
10/10/2016	0.12	
12/1/2016	0.12	
2/9/2017	0.13	
4/7/2017	0.21	
6/21/2017	0.23	
8/15/2017	0.27	
9/1/2017	0.24	
10/9/2017	0.24	
3/22/2018	0.25	
10/4/2018	0.21	
3/27/2019	0.16	
9/11/2019	0.21	
3/18/2020	0.16	
9/9/2020	0.13	
4/5/2021	0.18	
8/12/2021	0.23	
2/15/2022	0.13	
8/25/2022	0.18	
2/27/2023		0.14
8/8/2023		0.14
2/29/2024		0.15
8/6/2024		0.19

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-9	GWC-9
4/13/2016	0.0774 (J)	
6/22/2016	0.0663 (J)	
8/15/2016	0.093	
10/6/2016	0.096	
12/1/2016	0.12	
2/8/2017	0.094	
4/6/2017	0.11	
6/21/2017	0.1	
10/5/2017	0.083	
3/21/2018	0.089	
10/2/2018	0.083	
3/27/2019	0.067	
9/11/2019	0.083	
3/18/2020	0.058 (J)	
9/9/2020	0.088	
4/1/2021	0.059 (J)	
8/12/2021	0.1	
2/15/2022	0.07 (J)	
8/25/2022	0.13	
2/27/2023		0.082
8/8/2023		0.087
3/1/2024		0.085
8/6/2024		0.12

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-10	GWC-10
4/13/2016	<0.08	
6/21/2016	0.0068 (J)	
8/15/2016	<0.08	
10/5/2016	<0.08	
12/1/2016	<0.08	
2/8/2017	<0.08	
4/6/2017	<0.08	
6/21/2017	<0.08	
10/5/2017	<0.08	
3/21/2018	<0.08	
10/2/2018	<0.08	
3/27/2019	<0.08	
9/11/2019	<0.08	
3/18/2020	<0.08	
9/9/2020	<0.08	
4/1/2021	<0.08	
8/17/2021	<0.08	
2/15/2022	<0.08	
8/25/2022	0.11	
12/28/2022	0.098	
2/21/2023		<0.08
8/9/2023		<0.08
3/1/2024		<0.08
8/6/2024		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-11	GWC-11
4/13/2016	<0.08	
6/21/2016	0.0053 (J)	
8/15/2016	<0.08	
10/5/2016	<0.08	
12/1/2016	<0.08	
2/8/2017	<0.08	
4/6/2017	<0.08	
6/20/2017	<0.08	
10/5/2017	<0.08	
3/21/2018	<0.08	
10/2/2018	<0.08	
3/27/2019	<0.08	
9/11/2019	<0.08	
3/18/2020	<0.08	
9/10/2020	<0.08	
4/1/2021	<0.08	
8/11/2021	<0.08	
2/16/2022	<0.08	
8/25/2022	<0.08	
2/27/2023		<0.08
8/9/2023		<0.08
2/29/2024		<0.08
8/6/2024		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-12	GWC-12
4/13/2016	<0.08	
6/21/2016	0.0099 (J)	
8/15/2016	<0.08	
10/5/2016	<0.08	
12/1/2016	<0.08	
2/8/2017	<0.08	
4/5/2017	<0.08	
6/20/2017	<0.08	
10/5/2017	<0.08	
3/21/2018	<0.08	
10/2/2018	<0.08	
3/26/2019	<0.08	
9/11/2019	<0.08	
3/18/2020	<0.08	
9/10/2020	<0.08	
4/1/2021	<0.08	
8/11/2021	<0.08	
2/16/2022	<0.08	
8/26/2022	<0.08	
2/27/2023		<0.08
8/9/2023		<0.08
2/29/2024		0.024 (J)
8/6/2024		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-13
4/13/2016	<0.08	
6/21/2016	0.0062 (J)	
8/15/2016	<0.08	
10/7/2016	<0.08	
12/1/2016	<0.08	
2/9/2017	<0.08	
4/6/2017	<0.08	
6/22/2017	<0.08	
10/6/2017	<0.08	
3/22/2018	<0.08	
10/3/2018	<0.08	
3/26/2019	<0.08	
9/11/2019	<0.08	
3/18/2020	<0.08	
9/10/2020	<0.08	
4/6/2021	0.056 (J)	
8/11/2021	<0.08	
2/16/2022	<0.08	
8/26/2022	<0.08	
2/27/2023		<0.08
8/9/2023		<0.08
3/1/2024		<0.08
8/6/2024		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-14	GWC-14
4/13/2016	<0.08	
6/21/2016	0.0115 (J)	
8/15/2016	<0.08	
10/4/2016	<0.08	
12/1/2016	<0.08	
2/7/2017	<0.08	
4/6/2017	<0.08	
6/20/2017	<0.08	
10/5/2017	<0.08	
3/20/2018	<0.08	
10/2/2018	<0.08	
3/26/2019	<0.08	
9/11/2019	<0.08	
3/18/2020	<0.08	
9/9/2020	<0.08	
4/1/2021	<0.08	
8/11/2021	<0.08	
2/16/2022	<0.08	
8/26/2022	<0.08	
2/27/2023		<0.08
8/9/2023		<0.08
3/1/2024		<0.08
8/8/2024		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-18	GWC-18
4/11/2016	<0.08	
6/16/2016	0.0024 (J)	
8/11/2016	<0.08	
10/5/2016	<0.08	
11/29/2016	<0.08	
2/8/2017	<0.08	
4/6/2017	<0.08	
6/21/2017	<0.08	
10/5/2017	<0.08	
3/20/2018	<0.08	
10/2/2018	<0.08	
3/26/2019	<0.08	
9/11/2019	<0.08	
3/18/2020	<0.08	
9/9/2020	<0.08	
4/1/2021	<0.08	
8/11/2021	<0.08	
2/16/2022	<0.08	
8/25/2022	<0.08	
2/28/2023		<0.08
8/9/2023		<0.08
2/29/2024		<0.08
8/6/2024		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-19	GWC-19
4/11/2016	<0.08	
6/16/2016	0.0026 (J)	
8/11/2016	<0.08	
10/5/2016	<0.08	
11/29/2016	<0.08	
2/8/2017	<0.08	
4/5/2017	<0.08	
6/21/2017	<0.08	
10/5/2017	<0.08	
3/20/2018	<0.08	
10/2/2018	<0.08	
3/26/2019	<0.08	
9/12/2019	<0.08	
3/19/2020	<0.08	
9/9/2020	<0.08	
4/5/2021	<0.08	
8/11/2021	<0.08	
2/16/2022	<0.08	
8/25/2022	<0.08	
2/28/2023		<0.08
8/8/2023		<0.08
2/29/2024		<0.08
8/6/2024		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-20	GWC-20
4/12/2016	<0.08	
6/16/2016	0.0022 (J)	
8/11/2016	<0.08	
10/5/2016	<0.08	
11/30/2016	<0.08	
2/8/2017	<0.08	
4/6/2017	<0.08	
6/21/2017	<0.08	
10/5/2017	<0.08	
3/21/2018	<0.08	
10/3/2018	<0.08	
3/26/2019	<0.08	
9/12/2019	<0.08	
3/19/2020	<0.08	
9/10/2020	<0.08	
4/5/2021	<0.08	
8/11/2021	<0.08	
2/16/2022	<0.08	
8/25/2022	0.12	
12/28/2022	<0.08	
2/28/2023		<0.08
8/8/2023		<0.08
3/1/2024		0.025 (J)
8/6/2024		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cadmium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17	GWA-17
5/8/2010	<0.0025	
6/16/2010	<0.0025	
7/26/2010	<0.0025	
9/7/2010	<0.0025	
4/29/2011	<0.0025	
10/28/2011	<0.0025	
5/2/2012	<0.0025	
11/9/2012	<0.0025	
5/8/2013	<0.0025	
11/6/2013	<0.0025	
5/20/2014	<0.0025	
11/8/2014	<0.0025	
5/22/2015	<0.0025	
11/9/2015	<0.0025	
4/6/2016	<0.0025	
6/15/2016	<0.0025	
8/10/2016	<0.0025	
10/5/2016	<0.0025	
11/29/2016	<0.0025	
2/7/2017	<0.0025	
4/4/2017	<0.0025	
6/20/2017	<0.0025	
10/5/2017	<0.0025	
3/20/2018	<0.0025	
10/2/2018	<0.0025	
3/26/2019	<0.0025	
9/10/2019	0.00013 (J)	
3/18/2020	<0.0025	
9/9/2020	<0.0025	
4/1/2021	<0.0025	
8/11/2021	<0.0025	
2/15/2022	<0.0025	
8/24/2022	<0.0025	
2/28/2023		<0.0025
8/3/2023		<0.0025
2/28/2024		<0.0025
8/6/2024		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cadmium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-2	GWC-2
5/11/2010	<0.0025	
6/19/2010	<0.0025	
7/27/2010	<0.0025	
9/9/2010	<0.0025	
4/28/2011	<0.0025	
10/28/2011	<0.0025	
5/3/2012	<0.0025	
11/9/2012	<0.0025	
5/9/2013	<0.0025	
11/5/2013	<0.0025	
5/22/2014	<0.0025	
11/13/2014	<0.0025	
5/24/2015	<0.0025	
11/11/2015	<0.0025	
4/12/2016	<0.0025	
6/16/2016	<0.0025	
8/11/2016	<0.0025	
10/4/2016	<0.0025	
11/30/2016	<0.0025	
2/7/2017	<0.0025	
4/6/2017	<0.0025	
6/20/2017	<0.0025	
10/4/2017	<0.0025	
3/20/2018	<0.0025	
10/2/2018	<0.0025	
3/26/2019	<0.0025	
9/10/2019	<0.0025	
3/18/2020	<0.0025	
9/9/2020	<0.0025	
4/1/2021	0.00038 (J)	
8/12/2021	<0.0025	
2/15/2022	<0.0025	
8/26/2022	<0.0025	
2/27/2023		<0.0025
8/9/2023		<0.0025
3/1/2024		<0.0025
8/6/2024		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cadmium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-8A
5/10/2010	<0.0025	
6/19/2010	<0.0025	
7/28/2010	<0.0025	
9/8/2010	0.001 (J)	
4/30/2011	0.0014 (J)	
10/27/2011	0.0011 (J)	
5/4/2012	<0.0025	
11/11/2012	<0.0025	
5/10/2013	0.0016 (J)	
11/7/2013	0.001 (J)	
5/21/2014	<0.0025	
11/13/2014	<0.0025	
5/23/2015	<0.0025	
11/11/2015	<0.0025	
4/19/2016	0.000379 (J)	
10/10/2016	<0.0025	
12/1/2016	<0.0025	
2/9/2017	0.00037 (J)	
4/7/2017	<0.0025	
6/21/2017	<0.0025	
8/15/2017	<0.0025	
9/1/2017	<0.0025	
10/9/2017	<0.0025	
3/22/2018	<0.0025	
10/4/2018	<0.0025	
3/27/2019	<0.0025	
9/11/2019	<0.0025	
3/18/2020	<0.0025	
9/9/2020	<0.0025	
4/5/2021	0.0003 (J)	
8/12/2021	<0.0025	
2/15/2022	<0.0025	
8/25/2022	<0.0025	
2/27/2023		<0.0025
8/8/2023		<0.0025
2/29/2024		<0.0025
8/6/2024		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cadmium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-11	GWC-11
5/10/2010	<0.0025	
6/16/2010	<0.0025	
7/27/2010	<0.0025	
9/8/2010	<0.0025	
4/29/2011	<0.0025	
10/27/2011	<0.0025	
5/4/2012	<0.0025	
11/10/2012	<0.0025	
5/9/2013	<0.0025	
11/6/2013	<0.0025	
5/20/2014	<0.0025	
11/12/2014	<0.0025	
5/24/2015	<0.0025	
11/12/2015	<0.0025	
4/13/2016	<0.0025	
6/21/2016	<0.0025	
8/15/2016	<0.0025	
10/5/2016	<0.0025	
12/1/2016	<0.0025	
2/8/2017	<0.0025	
4/6/2017	<0.0025	
6/20/2017	<0.0025	
10/5/2017	<0.0025	
3/21/2018	<0.0025	
10/2/2018	<0.0025	
3/27/2019	<0.0025	
9/11/2019	<0.0025	
3/18/2020	<0.0025	
9/10/2020	0.001 (J)	
4/1/2021	<0.0025	
8/11/2021	<0.0025	
2/16/2022	<0.0025	
8/25/2022	<0.0025	
2/27/2023		<0.0025
8/9/2023		<0.0025
2/29/2024		<0.0025
8/6/2024		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15	GWA-15
4/6/2016	3.62	
6/15/2016	4.5	
8/10/2016	3.8	
10/4/2016	5.3	
11/30/2016	4.7	
2/7/2017	3.8	
4/4/2017	3.8	
6/20/2017	4.1	
10/4/2017	4.6	
3/20/2018	4.2	
10/2/2018	4.2	
3/26/2019	4	
9/10/2019	4.8	
3/18/2020	3.8	
9/9/2020	4	
4/1/2021	4	
8/11/2021	4.1	
2/15/2022	3.6	
8/25/2022	4.9	
2/28/2023		4.1
8/3/2023		4.7
3/4/2024		3.8
8/6/2024		4.2

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-16	GWA-16
4/6/2016	12.1	
6/15/2016	11.8	
8/10/2016	10	
10/4/2016	14	
11/29/2016	10	
2/7/2017	12	
4/4/2017	11	
6/20/2017	11	
10/5/2017	13	
3/20/2018	12	
10/2/2018	11	
3/26/2019	11	
9/10/2019	12	
3/18/2020	12	
9/9/2020	11	
4/1/2021	12	
8/11/2021	11	
2/15/2022	10	
8/25/2022	13	
2/28/2023		13
8/3/2023		13
2/28/2024		15
8/6/2024		15

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17	GWA-17
4/6/2016	6.58	
6/15/2016	6.9	
8/10/2016	5.5	
10/5/2016	6.8	
11/29/2016	4.8	
2/7/2017	7.8	
4/4/2017	6.4	
6/20/2017	7	
10/5/2017	6.6	
3/20/2018	6.6	
10/2/2018	5.8	
3/26/2019	6.7	
9/10/2019	7.5	
3/18/2020	7.3	
9/9/2020	7.3	
4/1/2021	7.8	
8/11/2021	7.3	
2/15/2022	7.1	
8/24/2022	8.9	
2/28/2023		8.7
8/3/2023		8.3
2/28/2024		9
8/6/2024		9

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-1	GWC-1
4/12/2016	17.1	
6/16/2016	19.8	
8/11/2016	15	
10/4/2016	17	
11/30/2016	16	
2/7/2017	17	
4/5/2017	16	
6/20/2017	17	
10/4/2017	19	
3/20/2018	18	
10/2/2018	16	
3/26/2019	16	
9/10/2019	17	
3/18/2020	19	
9/9/2020	17	
4/1/2021	18	
8/18/2021	18	
2/15/2022	16	
8/24/2022	17	
2/27/2023		19
8/9/2023		18
3/1/2024		18
8/6/2024		18

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-2	GWC-2
4/12/2016	17	
6/16/2016	19.7	
8/11/2016	15	
10/4/2016	18	
11/30/2016	16	
2/7/2017	18	
4/6/2017	16	
6/20/2017	17	
10/4/2017	19	
3/20/2018	18	
10/2/2018	16	
3/26/2019	17	
9/10/2019	18	
3/18/2020	18	
9/9/2020	17	
4/1/2021	17	
8/12/2021	17	
2/15/2022	16	
8/26/2022	18	
2/27/2023		19
8/9/2023		18
3/1/2024		18
8/6/2024		19

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-3
4/12/2016	8.52	
6/20/2016	7.7	
8/12/2016	7.3	
10/5/2016	8.4	
11/30/2016	8	
2/8/2017	9.3	
4/6/2017	8.1	
6/21/2017	9.2	
10/5/2017	10	
3/21/2018	9.3	
10/3/2018	7.5	
3/26/2019	7.3	
9/10/2019	6.6	
3/18/2020	5.9	
9/10/2020	6.3	
4/6/2021	7.4	
8/12/2021	6.6	
2/15/2022	6	
8/25/2022	5.5	
2/28/2023		5.9
8/9/2023		6.7
3/4/2024		8.9
8/7/2024		10

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
4/12/2016	11	
6/20/2016	10.1	
8/12/2016	9.9	
10/6/2016	12	
11/30/2016	11	
2/8/2017	13	
4/6/2017	12	
6/22/2017	13	
10/6/2017	15	
3/21/2018	15	
10/3/2018	13	
3/26/2019	13	
9/10/2019	12	
3/19/2020	14	
9/10/2020	13	
4/2/2021	15	
8/12/2021	13	
2/15/2022	15	
8/25/2022	17	
12/28/2022		20
2/27/2023		26
8/8/2023		25
2/29/2024		31
8/7/2024		29

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-5	GWC-5
4/19/2016	198 (o)	
6/22/2016	132	
8/16/2016	94	
10/6/2016	100	
12/1/2016	100	
2/9/2017	120	
4/6/2017	140	
6/21/2017	160	
10/5/2017	130	
3/22/2018	130	
10/3/2018	88	
3/27/2019	75	
9/11/2019	46	
3/18/2020	61	
9/9/2020	35	
4/1/2021	40	
8/12/2021	46	
2/15/2022	36	
8/25/2022	37	
2/28/2023		34
8/8/2023		30
2/29/2024		30
8/6/2024		30

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-6	GWC-6
4/12/2016	17.8	
6/20/2016	19.5	
8/12/2016	17	
10/6/2016	19	
11/30/2016	19	
2/9/2017	18	
4/6/2017	18	
6/21/2017	19	
10/6/2017	19	
3/21/2018	19	
10/3/2018	16	
3/26/2019	16	
9/11/2019	19	
3/18/2020	15	
9/10/2020	16	
4/5/2021	16	
8/11/2021	16	
2/15/2022	15	
8/25/2022	19	
2/27/2023		17
8/8/2023		15
2/29/2024		20
5/20/2024		14
8/7/2024		16

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-7	GWC-7
4/13/2016	14	
6/20/2016	13.8	
8/15/2016	13	
10/6/2016	14	
12/1/2016	13	
2/9/2017	14	
4/7/2017	14	
6/22/2017	14	
10/6/2017	16	
3/22/2018	15	
10/4/2018	13	
3/27/2019	14	
9/11/2019	14	
3/19/2020	15	
9/10/2020	15	
4/1/2021	15	
8/11/2021	14	
2/15/2022	13	
8/25/2022	16	
2/27/2023		16
8/8/2023		15
2/29/2024		17
5/7/2024		17
8/6/2024		17

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-8A
4/19/2016	20	
10/10/2016	19	
12/1/2016	18	
2/9/2017	20	
4/7/2017	27	
6/21/2017	27	
8/15/2017	29	
9/1/2017	32	
10/9/2017	31	
3/22/2018	30	
10/4/2018	37	
3/27/2019		47
9/11/2019		37
3/18/2020		53
9/9/2020		64
4/5/2021		52
8/12/2021		37
2/15/2022		49
8/25/2022		39
2/27/2023		64
8/8/2023		53
2/29/2024		49
8/6/2024		36

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-9	GWC-9
4/13/2016	18	
6/22/2016	16.7	
8/15/2016	16	
10/6/2016	17	
12/1/2016	17	
2/8/2017	18	
4/6/2017	17	
6/21/2017	17	
10/5/2017	19	
3/21/2018	19	
10/2/2018	16	
3/27/2019	16	
9/11/2019	17	
3/18/2020	16	
9/9/2020	16	
4/1/2021	16	
8/12/2021	18	
2/15/2022	16	
8/25/2022	21	
12/28/2022	18	
2/27/2023		20
8/8/2023		18
3/1/2024		20
8/6/2024		22
11/6/2024		23

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-10	GWC-10
4/13/2016	15.6	
6/21/2016	14.4	
8/15/2016	14	
10/5/2016	17	
12/1/2016	15	
2/8/2017	17	
4/6/2017	16	
6/21/2017	16	
10/5/2017	19	
3/21/2018	17	
10/2/2018	17	
3/27/2019	16	
9/11/2019	18	
3/18/2020	20	
9/9/2020	20	
4/1/2021	19	
8/17/2021	18	
2/15/2022	17	
8/25/2022	20	
2/21/2023		20
8/9/2023		18
3/1/2024		20
8/6/2024		19

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-11	GWC-11
4/13/2016	12.8	
6/21/2016	11.6	
8/15/2016	11	
10/5/2016	14	
12/1/2016	12	
2/8/2017	13	
4/6/2017	12	
6/20/2017	13	
10/5/2017	14	
3/21/2018	13	
10/2/2018	12	
3/27/2019	12	
9/11/2019	13	
3/18/2020	14	
9/10/2020	13	
4/1/2021	13	
8/11/2021	13	
2/16/2022	12	
8/25/2022	14	
2/27/2023		14
8/9/2023		14
2/29/2024		14
8/6/2024		13

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-12	GWC-12
4/13/2016	1.18	
6/21/2016	1.12	
8/15/2016	0.95	
10/5/2016	1	
12/1/2016	0.92	
2/8/2017	1.2	
4/5/2017	1.1	
6/20/2017	0.96	
10/5/2017	1.1	
3/21/2018	1.3	
10/2/2018	0.86	
3/26/2019	1.1	
9/11/2019	0.94	
3/18/2020	1.6	
9/10/2020	1.1	
4/1/2021	1.2	
8/11/2021	1	
2/16/2022	1.1	
8/26/2022	0.99	
2/27/2023		1.2
8/9/2023		1.1
2/29/2024		1.4
8/6/2024		1.1

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-13
4/13/2016	5.71	
6/21/2016	5.54	
8/15/2016	5.8	
10/7/2016	6.1	
12/1/2016	5.8	
2/9/2017	6.3	
4/6/2017	5.8	
6/22/2017	6.4	
10/6/2017	7.4	
3/22/2018	6.8	
10/3/2018	6.4	
3/26/2019	6.3	
9/11/2019	7	
3/18/2020	9.3	
9/10/2020	6.7	
4/6/2021	7.4	
8/11/2021	6.7	
2/16/2022	6.7	
8/26/2022	7.5	
2/27/2023		8.1
8/9/2023		7.7
3/1/2024		7.6
8/6/2024		7.4

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-14	GWC-14
4/13/2016	6.55	
6/21/2016	6.04	
8/15/2016	5.9	
10/4/2016	6.6	
12/1/2016	5.4	
2/7/2017	6.1	
4/6/2017	6.1	
6/20/2017	6.6	
10/5/2017	7.2	
3/20/2018	6.6	
10/2/2018	6.5	
3/26/2019	6.4	
9/11/2019	7.3	
3/18/2020	6.9	
9/9/2020	6.5	
4/1/2021	6.2	
8/11/2021	6.9	
2/16/2022	6.3	
8/26/2022	7	
2/27/2023		7.3
8/9/2023		7.2
3/1/2024		7.6
8/8/2024		8.3

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-18	GWC-18
4/11/2016	10.5	
6/16/2016	11.6	
8/11/2016	10	
10/5/2016	11	
11/29/2016	9.6	
2/8/2017	10	
4/6/2017	9.7	
6/21/2017	9.7	
10/5/2017	11	
3/20/2018	11	
10/2/2018	9.6	
3/26/2019	9.6	
9/11/2019	10	
3/18/2020	11	
9/9/2020	10	
4/1/2021	11	
8/11/2021	10	
2/16/2022	9.7	
8/25/2022	11	
2/28/2023		11
8/9/2023		11
2/29/2024		11
8/6/2024		11

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-19	GWC-19
4/11/2016	10.4	
6/16/2016	12.2	
8/11/2016	9.5	
10/5/2016	11	
11/29/2016	9.8	
2/8/2017	10	
4/5/2017	10	
6/21/2017	10	
10/5/2017	12	
3/20/2018	12	
10/2/2018	11	
3/26/2019	11	
9/12/2019	14	
3/19/2020	14	
9/9/2020	15	
4/5/2021		15
8/11/2021		17
10/7/2021		17
2/16/2022		15
8/25/2022		18
12/28/2022		19
2/28/2023		18
8/8/2023		18
2/29/2024		19
8/6/2024		20

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-20	GWC-20
4/12/2016	13.5	
6/16/2016	15	
8/11/2016	12	
10/5/2016	14	
11/30/2016	12	
2/8/2017	14	
4/6/2017	13	
6/21/2017	13	
10/5/2017	15	
3/21/2018	14	
10/3/2018	13	
3/26/2019	12	
9/12/2019	14	
3/19/2020	14	
9/10/2020	13	
4/5/2021	14	
8/11/2021	14	
2/16/2022	13	
8/25/2022	15	
2/28/2023		16
8/8/2023		16
3/1/2024		17
8/6/2024		17

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chloride (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15	GWA-15
4/6/2016	5.342	
6/15/2016	5.2	
8/10/2016	5.5	
10/4/2016	5.4	
11/30/2016	5.4	
2/7/2017	5.1	
4/4/2017	5.1	
6/20/2017	5.2	
10/4/2017	5.2	
3/20/2018	5.6	
10/2/2018	6.3	
3/26/2019	5.5	
9/10/2019	5.2	
3/18/2020	5.4	
9/9/2020	6.1	
4/1/2021	7	
8/11/2021	7.2	
2/15/2022	6.5	
8/25/2022	6.9	
2/28/2023		6.3
8/3/2023		6.3
3/4/2024		5.6
8/6/2024		6

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chloride (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-16	GWA-16
4/6/2016	1.789	
6/15/2016	2.1	
8/10/2016	1.8	
10/4/2016	1.7	
11/29/2016	1.7	
2/7/2017	1.6	
4/4/2017	1.6	
6/20/2017	1.6	
10/5/2017	1.5	
3/20/2018	1.5	
10/2/2018	1.6	
3/26/2019	1.5	
9/10/2019	1.4	
3/18/2020	1.7	
9/9/2020	1.6	
4/1/2021	1.8	
8/11/2021	1.8	
2/15/2022	1.6	
8/25/2022	1.6	
2/28/2023		1.7
8/3/2023		1.6
2/28/2024		1.6
8/6/2024		1.7

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chloride (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17	GWA-17
4/6/2016	1.69	
6/15/2016	1.9	
8/10/2016	1.7	
10/5/2016	1.6	
11/29/2016	1.7	
2/7/2017	1.6	
4/4/2017	1.5	
6/20/2017	1.5	
10/5/2017	1.5	
3/20/2018	1.4	
10/2/2018	1.5	
3/26/2019	1.3	
9/10/2019	1.3	
3/18/2020	2	
9/9/2020	1.3	
4/1/2021	1.5	
8/11/2021	1.4	
2/15/2022	1.4	
8/24/2022	1.4	
2/28/2023		1.4
8/3/2023		1.3
2/28/2024		1.4
8/6/2024		1.4

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chloride (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-1	GWC-1
4/12/2016	4.32	
6/16/2016	3.8 (D)	
8/11/2016	4	
10/4/2016	3.6	
11/30/2016	3.8	
2/7/2017	4.3	
4/5/2017	4.1	
6/20/2017	3.9	
10/4/2017	3.6	
3/20/2018	3.9	
10/2/2018	3.7	
3/26/2019	3.6	
9/10/2019	2.9	
3/18/2020	4.2	
9/9/2020	3.9	
4/1/2021	4.2	
8/18/2021	4	
2/15/2022	4	
8/24/2022	3.6	
2/27/2023		3.8
8/9/2023		3.5
3/1/2024		4.2
8/6/2024		3.5

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chloride (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-2	GWC-2
4/12/2016	2.34	
6/16/2016	2.4 (D)	
8/11/2016	2.4	
10/4/2016	2.2	
11/30/2016	2.2	
2/7/2017	2.1	
4/6/2017	2.1	
6/20/2017	2.1	
10/4/2017	2	
3/20/2018	2	
10/2/2018	2	
3/26/2019	1.9	
9/10/2019	1.7	
3/18/2020	2.4	
9/9/2020	2	
4/1/2021	2.5	
8/12/2021	2.5	
2/15/2022	2.2	
8/26/2022	2.1	
2/27/2023		2.2
8/9/2023		2.1
3/1/2024		2.5
8/6/2024		2.2

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chloride (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-3
4/12/2016	3.04	
6/20/2016	3.1	
8/16/2016	3.2	
10/5/2016	3.2	
11/30/2016	3.3	
2/8/2017	3.5	
4/6/2017	3.4	
6/21/2017	3.5	
10/5/2017	3.5	
3/21/2018	3.4	
10/3/2018	3.5	
3/26/2019	3	
9/10/2019	2.5	
3/18/2020	2.8	
9/10/2020	2.7	
4/6/2021	2.9	
8/12/2021	3.3	
2/15/2022	2.7	
8/25/2022	3.2	
2/28/2023		3.1
8/9/2023		3.2
3/4/2024		3
8/7/2024		2.7

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chloride (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
4/12/2016	4.57	
6/20/2016	3.1	
8/16/2016	3.2	
10/6/2016	3.4	
11/30/2016	4.1	
2/8/2017	7.2	
4/6/2017	7.4	
6/22/2017	7.8	
10/6/2017	9.1	
3/21/2018	13	
10/3/2018	13	
3/26/2019	9.2	
9/10/2019	5.1	
3/19/2020	8.7	
9/10/2020	9.7	
4/2/2021	11	
8/12/2021	12	
2/15/2022	11	
8/25/2022	11	
2/27/2023		16
5/2/2023		24
8/8/2023		16
2/29/2024		21
5/20/2024		28
8/7/2024		19

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chloride (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-5	GWC-5
4/19/2016	124 (O)	
6/22/2016	81	
8/16/2016	71	
10/6/2016	68	
12/1/2016	74	
2/9/2017	76	
4/6/2017	92	
6/21/2017	100	
10/5/2017	67	
3/22/2018	74	
10/3/2018	46	
3/27/2019	42	
9/11/2019	19	
3/18/2020	30	
9/9/2020	8.7	
4/1/2021	18	
8/12/2021	22	
2/15/2022	16	
8/25/2022	12	
2/28/2023		11
8/8/2023		8.2
2/29/2024		8.2
8/6/2024		8.1

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chloride (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-6	GWC-6
4/12/2016	6.07	
6/20/2016	6.8	
8/16/2016	7.6	
10/6/2016	7.3	
11/30/2016	7.1	
2/9/2017	5.8	
4/6/2017	5.7	
6/21/2017	6.1	
10/6/2017	5.1	
3/21/2018	5.4	
10/3/2018	5.7	
3/26/2019	4.2	
9/11/2019	7.2	
3/18/2020	4	
9/10/2020	6.3	
6/2/2021	6.3	
8/11/2021	6.5	
2/15/2022	6.1	
8/25/2022	6.2	
2/27/2023		5.2
8/8/2023		5.5
2/29/2024		7
8/7/2024		5.9

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chloride (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-7	GWC-7
4/13/2016	1.68	
6/20/2016	2	
8/15/2016	1.8	
10/6/2016	1.7	
12/1/2016	1.7	
2/9/2017	1.7	
4/7/2017	1.7	
6/22/2017	1.6	
10/6/2017	1.6	
3/22/2018	1.6	
10/4/2018	1.7	
3/27/2019	1.7	
9/11/2019	2.1	
3/19/2020	2.1	
9/10/2020	2.5	
4/1/2021	2.9	
8/11/2021	3	
2/15/2022	2.7	
8/25/2022	3	
2/27/2023		3.5
8/8/2023		3.8
2/29/2024		4.8
8/6/2024		4.9

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chloride (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-8A
4/19/2016	6.9	
10/10/2016	7.2	
12/1/2016	7.1	
2/9/2017	7.2	
4/7/2017	7.5	
6/21/2017	7.6	
8/15/2017	7.8	
9/1/2017	7.6	
10/9/2017	7.5	
3/22/2018	7	
10/4/2018	6.1	
3/27/2019	6.6	
9/11/2019	7	
3/18/2020	8.5	
9/9/2020	11	
6/1/2021	9.4	
8/12/2021	7.8	
2/15/2022	9.1	
8/25/2022	7.5	
2/27/2023		8.8
8/8/2023		8.2
2/29/2024		8.1
8/6/2024		6.8

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chloride (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-9	GWC-9
4/13/2016	3.64	
6/22/2016	3.8	
8/15/2016	3.7	
10/6/2016	3.4	
12/1/2016	4	
2/8/2017	4	
4/6/2017	4	
6/21/2017	3.3	
10/5/2017	3.3	
3/21/2018	3.6	
10/2/2018	3.1	
3/27/2019	3	
9/11/2019	3.4	
3/18/2020	3.4	
9/9/2020	3.2	
4/1/2021	4.3	
8/12/2021	4.1	
2/15/2022	3.7	
8/25/2022	4.2	
2/27/2023		4.2
8/8/2023		4
3/1/2024		5.2
8/6/2024		5.2

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chloride (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-10	GWC-10
4/13/2016	2.04	
6/21/2016	2.2	
8/15/2016	2.2	
10/5/2016	2.1	
12/1/2016	2.1	
2/8/2017	2.3	
4/6/2017	2.2	
6/21/2017	2.3	
10/5/2017	2.3	
3/21/2018	2.3	
10/2/2018	2.6	
3/27/2019	2.4	
9/11/2019	2.9	
3/18/2020	4.1	
9/9/2020	4.3	
4/1/2021	4.4	
8/17/2021	3.1	
2/15/2022	4.6	
8/25/2022	5	
2/21/2023		4.3
8/9/2023		3.7
3/1/2024		5
8/6/2024		5.2

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chloride (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-11	GWC-11
4/13/2016	1.78	
6/21/2016	2	
8/15/2016	1.9	
10/5/2016	1.8	
12/1/2016	1.8	
2/8/2017	1.8	
4/6/2017	1.7	
6/20/2017	1.7	
10/5/2017	1.7	
3/21/2018	1.6	
10/2/2018	1.7	
3/27/2019	1.5	
9/11/2019	1.8	
3/18/2020	1.9	
9/10/2020	1.9	
4/1/2021	1.9	
8/11/2021	1.8	
2/16/2022	1.7	
8/25/2022	1.8	
2/27/2023		1.8
8/9/2023		1.7
2/29/2024		2.2
8/6/2024		1.9

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chloride (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-12	GWC-12
4/13/2016	1.8	
6/21/2016	2	
8/15/2016	1.8	
10/5/2016	1.7	
12/1/2016	1.7	
2/8/2017	1.7	
4/5/2017	1.7	
6/20/2017	1.6	
10/5/2017	1.6	
3/21/2018	1.6	
10/2/2018	1.6	
3/26/2019	1.7	
9/11/2019	1.9	
3/18/2020	2.1	
9/10/2020	1.8	
4/1/2021	2	
8/11/2021	1.8	
2/16/2022	1.9	
8/26/2022	1.7	
2/27/2023		1.9
8/9/2023		1.8
2/29/2024		2.3
8/6/2024		2

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chloride (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-13
4/13/2016	1.82	
6/21/2016	1.9	
8/15/2016	1.6	
10/7/2016	1.5	
12/1/2016	1.4	
2/9/2017	1.5	
4/6/2017	1.4	
6/22/2017	1.5	
10/6/2017	1.3	
3/22/2018	1.4	
10/3/2018	1.5	
3/26/2019	1.6	
9/11/2019	1.5	
3/18/2020	1.6	
9/10/2020	1.7	
4/6/2021	1.8	
8/11/2021	1.6	
2/16/2022	1.5	
8/26/2022	1.5	
2/27/2023		1.5
8/9/2023		1.4
3/1/2024		1.8
8/6/2024		1.5

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chloride (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-14	GWC-14
4/13/2016	2.71	
6/21/2016	3	
8/15/2016	3.1	
10/4/2016	3	
12/1/2016	3.1	
2/7/2017	2.9	
4/6/2017	2.7	
6/20/2017	2.9	
10/5/2017	2.8	
3/20/2018	2.7	
10/2/2018	3	
3/26/2019	2.5	
9/11/2019	3.1	
3/18/2020	3	
9/9/2020	2.9	
4/1/2021	3.8	
8/11/2021	3.7	
2/16/2022	3.2	
8/26/2022	3.3	
2/27/2023		3.5
8/9/2023		3.5
3/1/2024		4.7
8/8/2024		4.4

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chloride (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-18	GWC-18
4/11/2016	2.53	
6/16/2016	2.5 (D)	
8/11/2016	2.6	
10/5/2016	2.5	
11/29/2016	2.4	
2/8/2017	2.5	
4/6/2017	2.4	
6/21/2017	2.4	
10/5/2017	2.3	
3/20/2018	2.3	
10/2/2018	2.5	
3/26/2019	2.7	
9/11/2019	2.6	
3/18/2020	2.7	
9/9/2020	2.8	
4/1/2021	2.8	
8/11/2021	2.9	
2/16/2022	2.7	
8/25/2022	2.8	
2/28/2023		2.8
8/9/2023		2.6
2/29/2024		3.2
8/6/2024		2.8

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chloride (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-19	GWC-19
4/11/2016	1.84	
6/16/2016	1.9 (D)	
8/11/2016	1.9	
10/5/2016	1.7	
11/29/2016	1.7	
2/8/2017	1.7	
4/5/2017	1.7	
6/21/2017	1.7	
10/5/2017	1.6	
3/20/2018	1.6	
10/2/2018	1.7	
3/26/2019	1.8	
9/12/2019	1.5	
3/19/2020	2.2	
9/9/2020	2.4	
6/1/2021	2.6	
8/11/2021	2.8	
2/16/2022	2.4	
8/25/2022	2.4	
2/28/2023		2.6
8/8/2023		2.6
2/29/2024		3.1
8/6/2024		2.8

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chloride (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-20	GWC-20
4/12/2016	2.03	
6/16/2016	2.2 (D)	
8/11/2016	2.1	
10/5/2016	1.9	
11/30/2016	2	
2/8/2017	2	
4/6/2017	<1	
6/21/2017	1.9	
10/5/2017	1.9	
3/21/2018	1.8	
10/3/2018	2	
3/26/2019	1.9	
9/12/2019	1.6	
3/19/2020	2.2	
9/10/2020	2.1	
6/1/2021	2.1	
8/11/2021	2.1	
2/16/2022	2	
8/25/2022	2.1	
2/28/2023		2.2
8/8/2023		2.2
3/1/2024		2.5
8/6/2024		2.3

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15	GWA-15
5/9/2010	<0.002	
6/18/2010	<0.002	
7/28/2010	<0.002	
9/9/2010	<0.002	
4/30/2011	<0.002	
10/28/2011	<0.002	
5/2/2012	<0.002	
11/9/2012	<0.002	
5/8/2013	<0.002	
11/5/2013	0.0036 (J)	
5/20/2014	<0.002	
11/12/2014	<0.002	
5/22/2015	<0.002	
11/11/2015	<0.002	
4/6/2016	<0.002	
6/15/2016	0.00029 (J)	
8/10/2016	<0.002	
10/4/2016	<0.002	
11/30/2016	<0.002	
2/7/2017	<0.002	
4/4/2017	<0.002	
6/20/2017	<0.002	
10/4/2017	<0.002	
3/20/2018	<0.002	
10/2/2018	<0.002	
3/26/2019	<0.002	
9/10/2019	0.0023 (J)	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/1/2021	<0.002	
8/11/2021	<0.002	
2/15/2022	<0.002	
8/25/2022	<0.002	
2/28/2023		<0.002
8/3/2023		<0.002
3/4/2024		<0.002
8/6/2024		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-16	GWA-16
5/9/2010	0.003 (J)	
6/16/2010	0.0042 (J)	
7/27/2010	0.0048 (J)	
9/7/2010	0.0037 (J)	
4/29/2011	0.0046 (J)	
10/28/2011	0.005	
5/2/2012	0.0052	
11/9/2012	0.0054	
5/8/2013	0.0058	
11/6/2013	0.0062 (J)	
5/20/2014	0.0047 (J)	
11/8/2014	0.0064 (J)	
5/22/2015	0.0059 (J)	
11/9/2015	0.0043 (J)	
4/6/2016	0.00457 (J)	
6/15/2016	0.0042 (J)	
8/10/2016	0.0042	
10/4/2016	0.0052	
11/29/2016	0.004	
2/7/2017	0.004	
4/4/2017	0.0021 (J)	
6/20/2017	0.0046	
10/5/2017	0.005	
3/20/2018	0.0044	
10/2/2018	0.0043	
3/26/2019	0.0046	
9/10/2019	0.0076	
3/18/2020	0.0044	
9/9/2020	0.005	
4/1/2021	0.0053	
8/11/2021	0.0059	
2/15/2022	0.0056	
8/25/2022	0.0056	
2/28/2023		0.0061
8/3/2023		0.0073
2/28/2024		0.0071
8/6/2024		0.008

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17	GWA-17
5/8/2010	0.0032 (J)	
6/16/2010	0.0037 (J)	
7/26/2010	0.0058	
9/7/2010	0.0078	
4/29/2011	0.005	
10/28/2011	0.0068	
5/2/2012	0.0065	
11/9/2012	0.006	
5/8/2013	0.0074	
11/6/2013	0.0082 (J)	
5/20/2014	0.0051 (J)	
11/8/2014	0.0074 (J)	
5/22/2015	0.0084 (J)	
11/9/2015	0.009 (J)	
4/6/2016	0.00779 (J)	
6/15/2016	0.0072 (J)	
8/10/2016	0.0068	
10/5/2016	0.0076	
11/29/2016	0.0045	
2/7/2017	0.0067	
4/4/2017	0.0079	
6/20/2017	0.0084	
10/5/2017	0.0061	
3/20/2018	0.006	
10/2/2018	0.0061	
3/26/2019	0.0065	
9/10/2019	0.012	
3/18/2020	0.0083	
9/9/2020	0.0088	
4/1/2021	0.0082	
8/11/2021	0.0089	
2/15/2022	0.0084	
8/24/2022	0.0076	
2/28/2023		0.0083
8/3/2023		0.0089
2/28/2024		0.0096
8/6/2024		0.0086

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-1	GWC-1
5/11/2010	0.0077	
6/17/2010	0.0053	
7/27/2010	0.0085	
9/9/2010	0.0076	
4/28/2011	0.0048 (J)	
10/29/2011	0.0093	
5/3/2012	0.01	
11/9/2012	0.009	
5/9/2013	0.0085	
11/5/2013	0.015	
5/23/2014	0.012	
11/13/2014	0.011	
5/23/2015	0.012	
11/11/2015	0.014	
4/12/2016	0.0135	
6/16/2016	0.014	
8/11/2016	0.013	
10/4/2016	0.014	
11/30/2016	0.013	
2/7/2017	0.013	
4/5/2017	0.014	
6/20/2017	0.013	
10/4/2017	0.015	
3/20/2018	0.013	
10/2/2018	0.014	
3/26/2019	0.013	
9/10/2019	0.018	
3/18/2020	0.014	
9/9/2020	0.014	
4/1/2021	0.014	
8/18/2021	0.014	
2/15/2022	0.011	
8/24/2022	0.014	
2/27/2023		0.014
8/9/2023		0.017
3/1/2024		0.014
8/6/2024		0.016

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-2	GWC-2
5/11/2010	0.0051	
6/19/2010	<0.005	
7/27/2010	0.01	
9/9/2010	0.0072	
4/28/2011	0.0077	
10/28/2011	0.011	
5/3/2012	0.011	
11/9/2012	0.0089	
5/9/2013	0.0089	
11/5/2013	0.011	
5/22/2014	0.01	
11/13/2014	0.0084 (J)	
5/24/2015	0.0095 (J)	
11/11/2015	0.011	
4/12/2016	0.0122	
6/16/2016	0.011	
8/11/2016	0.01	
10/4/2016	0.011	
11/30/2016	0.0098	
2/7/2017	0.0096	
4/6/2017	0.01	
6/20/2017	0.01	
10/4/2017	0.011	
3/20/2018	0.0099	
10/2/2018	0.01	
3/26/2019	0.0096	
9/10/2019	0.014	
3/18/2020	0.011	
9/9/2020	0.01	
4/1/2021	0.0057	
8/12/2021	0.012	
2/15/2022	0.011	
8/26/2022	0.0095	
2/27/2023		0.012
8/9/2023		0.012
3/1/2024		0.011
8/6/2024		0.012

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-3
5/11/2010	0.01	
6/17/2010	0.0087	
7/28/2010	0.028 (O)	
9/7/2010	0.022	
4/29/2011	0.0099	
10/28/2011	0.0089	
5/3/2012	0.0091	
11/9/2012	0.008	
5/10/2013	0.019	
11/6/2013	0.013	
5/22/2014	0.0093 (J)	
11/9/2014	0.0098 (J)	
5/22/2015	0.01	
11/10/2015	0.011	
4/12/2016	0.00925 (J)	
6/20/2016	0.0076 (J)	
8/12/2016	0.0079	
10/5/2016	0.0085	
11/30/2016	0.0086	
2/8/2017	0.011	
4/6/2017	0.0098	
6/21/2017	0.011	
10/5/2017	0.01	
3/21/2018	0.0093	
10/3/2018	0.0081	
3/26/2019	0.0075	
9/10/2019	0.0092	
3/18/2020	0.0049	
9/10/2020	0.0061	
4/6/2021	0.0074	
8/12/2021	0.0085	
2/15/2022	0.0076	
8/25/2022	0.0072	
2/28/2023		0.01
8/9/2023		0.013
3/4/2024		0.014
8/7/2024		0.018

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
5/11/2010	0.0046 (J)	
6/17/2010	0.007	
7/28/2010	0.0084	
9/8/2010	0.0071	
4/28/2011	0.008	
10/29/2011	0.0054	
5/3/2012	0.0065	
11/10/2012	0.0059	
5/10/2013	0.0083	
11/6/2013	0.0099 (J)	
5/22/2014	0.0049 (J)	
11/9/2014	0.0068 (J)	
5/22/2015	0.0087 (J)	
11/11/2015	0.0084 (J)	
4/12/2016	0.00419 (J)	
6/20/2016	0.0043 (J)	
8/12/2016	0.0037	
10/6/2016	0.0062	
11/30/2016	0.0043	
2/8/2017	0.0052	
4/6/2017	0.005	
6/22/2017	0.0052	
10/6/2017	0.0049	
3/21/2018	0.0062	
10/3/2018	0.0039	
3/26/2019	0.0084	
9/10/2019	0.0067	
3/19/2020	0.0045	
9/10/2020	0.0055	
4/2/2021	0.0052	
8/12/2021	0.0045	
2/15/2022	0.0041	
8/25/2022	0.0038	
2/27/2023		0.0039
8/8/2023		0.0049
2/29/2024		0.0038
8/7/2024		0.0031

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-5	GWC-5
5/11/2010	0.004 (J)	
6/18/2010	0.0056	
7/27/2010	0.0051	
9/9/2010	0.0037 (J)	
4/29/2011	0.0036 (J)	
10/28/2011	0.0026 (J)	
5/4/2012	0.0031 (J)	
11/10/2012	<0.005	
5/9/2013	0.0033 (J)	
11/6/2013	0.0045 (J)	
5/22/2014	0.0035 (J)	
11/9/2014	0.0062 (J)	
5/24/2015	0.012	
11/11/2015	0.0068 (J)	
4/19/2016	0.00368 (J)	
6/22/2016	0.0031 (J)	
8/16/2016	0.0028	
10/6/2016	0.003	
12/1/2016	0.0022 (J)	
2/9/2017	0.0035	
4/6/2017	0.0032	
6/21/2017	0.0031	
10/5/2017	0.0029	
3/22/2018	0.0086	
10/3/2018	0.003	
3/27/2019	0.0039	
9/11/2019	0.0079	
3/18/2020	0.0052	
9/9/2020	0.0048	
4/1/2021	0.0058	
8/12/2021	0.0053	
2/15/2022	0.0061	
8/25/2022	0.0058	
2/28/2023		0.0068
8/8/2023		0.0066
2/29/2024		0.0074
8/6/2024		0.0067

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-6	GWC-6
5/11/2010	<0.005	
6/18/2010	0.0063	
7/27/2010	0.004 (J)	
9/9/2010	0.0053	
4/30/2011	0.0035 (J)	
10/29/2011	0.0048 (J)	
5/4/2012	0.0064	
11/10/2012	0.0084	
5/9/2013	0.0041 (J)	
11/7/2013	0.0077 (J)	
5/21/2014	0.0044 (J)	
11/9/2014	0.0071 (J)	
5/24/2015	0.01	
11/11/2015	0.0053 (J)	
4/12/2016	0.00493 (J)	
6/20/2016	0.0043 (J)	
8/12/2016	0.0037	
10/6/2016	0.004	
11/30/2016	0.0035	
2/9/2017	0.0041	
4/6/2017	0.0038	
6/21/2017	0.004	
10/6/2017	0.0038	
3/21/2018	0.012	
10/3/2018	0.0042	
3/26/2019	0.0044	
9/11/2019	0.0078	
3/18/2020	0.0046	
9/10/2020	0.0049	
4/5/2021	0.005	
8/11/2021	0.005	
2/15/2022	0.0046	
8/25/2022	0.0046	
2/27/2023		0.0047
8/8/2023		0.0048
2/29/2024		0.0051
8/7/2024		0.0046

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-7	GWC-7
5/10/2010	0.007	
6/18/2010	0.011	
7/28/2010	0.0092	
9/9/2010	0.01	
4/30/2011	0.012	
10/29/2011	0.012	
5/4/2012	0.013	
11/10/2012	0.0097	
5/9/2013	0.013	
11/7/2013	0.013	
5/21/2014	0.0091 (J)	
11/12/2014	0.0097 (J)	
5/24/2015	0.018	
11/11/2015	0.0086 (J)	
4/13/2016	0.00924 (J)	
6/20/2016	0.0084 (J)	
8/15/2016	0.0083	
10/6/2016	0.0081	
12/1/2016	0.0083	
2/9/2017	0.0087	
4/7/2017	0.009	
6/22/2017	0.0092	
10/6/2017	0.0095	
3/22/2018	0.0086	
10/4/2018	0.0083	
3/27/2019	0.0088	
9/11/2019	0.013	
3/19/2020	0.011	
9/10/2020	0.0098	
4/1/2021	0.0091	
8/11/2021	0.0092	
2/15/2022	0.0088	
8/25/2022	0.0085	
2/27/2023		0.0092
8/8/2023		0.0094
2/29/2024		0.012
8/6/2024		0.02
11/6/2024		0.02

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-8A
5/10/2010	<0.002	
6/19/2010	<0.002	
7/28/2010	0.0034 (J)	
9/8/2010	0.014	
4/30/2011	0.022	
10/27/2011	0.0064	
5/4/2012	0.059 (o)	
11/11/2012	0.011	
5/10/2013	0.038 (O)	
11/7/2013	0.012	
5/21/2014	0.0048 (J)	
11/13/2014	0.023	
5/23/2015	0.015	
11/11/2015	0.016	
4/19/2016	0.0086 (J)	
10/10/2016	0.0052	
12/1/2016	0.0062	
2/9/2017	0.0091	
4/7/2017	<0.002	
6/21/2017	<0.002	
8/15/2017	<0.002	
9/1/2017	<0.002	
10/9/2017	<0.002	
3/22/2018	0.0079	
10/4/2018	<0.002	
3/27/2019	<0.002	
9/11/2019	0.0052	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/5/2021	<0.002	
8/12/2021	<0.002	
2/15/2022	<0.002	
8/25/2022	<0.002	
2/27/2023		<0.002
8/8/2023		0.0013 (J)
2/29/2024		<0.002
8/6/2024		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-9	GWC-9
5/10/2010	0.0097	
6/16/2010	0.0074	
7/27/2010	0.0068	
9/8/2010	0.007	
4/29/2011	0.0062	
10/27/2011	0.0084	
5/3/2012	0.0099	
11/11/2012	0.0073	
5/9/2013	0.0085	
11/6/2013	0.013	
5/21/2014	0.0097 (J)	
11/12/2014	0.0072 (J)	
5/23/2015	0.0095 (J)	
11/12/2015	0.0046 (J)	
4/13/2016	0.00627 (J)	
6/22/2016	0.0079 (J)	
8/15/2016	0.0075	
10/6/2016	0.0071	
12/1/2016	0.007	
2/8/2017	0.0047	
4/6/2017	0.006	
6/21/2017	0.0071	
10/5/2017	0.008	
3/21/2018	0.0046	
10/2/2018	0.0081	
3/27/2019	0.0064	
9/11/2019	0.012	
3/18/2020	0.0066	
9/9/2020	0.0081	
4/1/2021	0.0018 (J)	
8/12/2021	0.0077	
2/15/2022	0.0079	
8/25/2022	0.0092	
2/27/2023		0.0094
8/8/2023		0.0085
3/1/2024		0.0092
8/6/2024		0.0084

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-10	GWC-10
5/10/2010	0.011	
6/16/2010	0.0095	
7/28/2010	0.01	
9/8/2010	0.011	
4/29/2011	0.0096	
10/27/2011	0.011	
5/4/2012	0.01	
11/11/2012	0.01	
5/9/2013	0.011	
11/5/2013	0.015	
5/21/2014	0.013	
11/12/2014	0.012	
5/23/2015	0.014	
11/12/2015	0.016	
4/13/2016	0.0152	
6/21/2016	0.016	
8/15/2016	0.015	
10/5/2016	0.016	
12/1/2016	0.015	
2/8/2017	0.017	
4/6/2017	0.018	
6/21/2017	0.017	
10/5/2017	0.018	
3/21/2018	0.017	
10/2/2018	0.018	
3/27/2019	0.017	
9/11/2019	0.023	
3/18/2020	0.02	
9/9/2020	0.018	
4/1/2021	0.02	
8/17/2021	0.042 (o)	
10/18/2021	0.019	
2/15/2022	0.021	
8/25/2022	0.018	
2/21/2023		0.02
8/9/2023		0.022
3/1/2024		0.019
8/6/2024		0.018

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-11	GWC-11
5/10/2010	0.011	
6/16/2010	0.012	
7/27/2010	0.012	
9/8/2010	0.011	
4/29/2011	0.01	
10/27/2011	0.0077	
5/4/2012	0.0082	
11/10/2012	0.007	
5/9/2013	0.0079	
11/6/2013	0.011	
5/20/2014	0.0076 (J)	
11/12/2014	0.0071 (J)	
5/24/2015	0.0083 (J)	
11/12/2015	0.0069 (J)	
4/13/2016	0.00804 (J)	
6/21/2016	0.0086 (J)	
8/15/2016	0.0073	
10/5/2016	0.0077	
12/1/2016	0.0075	
2/8/2017	0.0078	
4/6/2017	0.0079	
6/20/2017	0.0078	
10/5/2017	0.0081	
3/21/2018	0.0081	
10/2/2018	0.0075	
3/27/2019	0.007	
9/11/2019	0.011	
3/18/2020	0.0086	
9/10/2020	0.009	
4/1/2021	0.0078	
8/11/2021	0.0078	
2/16/2022	0.0074	
8/25/2022	0.0069	
2/27/2023		0.0082
8/9/2023		0.0087
2/29/2024		0.0086
8/6/2024		0.0072

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-12	GWC-12
5/9/2010	<0.002	
6/18/2010	<0.002	
7/27/2010	0.002 (J)	
9/8/2010	<0.002	
4/29/2011	<0.002	
10/28/2011	<0.002	
5/3/2012	<0.002	
11/10/2012	<0.002	
5/9/2013	<0.002	
11/6/2013	0.0031 (J)	
5/20/2014	0.002 (J)	
11/12/2014	<0.002	
5/23/2015	0.0027 (J)	
11/12/2015	0.0022 (J)	
4/13/2016	<0.002	
6/21/2016	0.0012 (J)	
8/15/2016	0.0021 (J)	
10/5/2016	0.0013 (J)	
12/1/2016	0.0015 (J)	
2/8/2017	0.0016 (J)	
4/5/2017	0.0014 (J)	
6/20/2017	0.0015 (J)	
10/5/2017	0.0015 (J)	
3/21/2018	0.0014 (J)	
10/2/2018	0.0012 (J)	
3/26/2019	0.0013 (J)	
9/11/2019	0.0036	
3/18/2020	0.0016 (J)	
9/10/2020	<0.002	
4/1/2021	0.0015 (J)	
8/11/2021	<0.002	
2/16/2022	<0.002	
8/26/2022	<0.002	
2/27/2023		0.002
8/9/2023		0.0026
2/29/2024		0.0021
8/6/2024		0.0014 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-13
5/9/2010	0.0051	
6/18/2010	0.0043 (J)	
7/29/2010	0.0058	
9/9/2010	0.0052	
4/26/2011	0.0025 (J)	
10/28/2011	0.0035 (J)	
5/4/2012	0.0073	
11/11/2012	0.004 (J)	
5/8/2013	0.006	
11/7/2013	0.0068 (J)	
5/20/2014	0.0039 (J)	
11/12/2014	0.0039 (J)	
5/24/2015	0.004 (J)	
11/12/2015	0.0077 (J)	
4/13/2016	0.0038 (J)	
6/21/2016	0.0035 (J)	
8/15/2016	0.0034	
10/7/2016	0.0037	
12/1/2016	0.0037	
2/9/2017	0.0038	
4/6/2017	0.0039	
6/22/2017	0.0042	
10/6/2017	0.0039	
3/22/2018	0.028 (O)	
10/3/2018	0.0056	
3/26/2019	0.0048	
9/11/2019	0.0075	
3/18/2020	0.008	
9/10/2020	0.0054	
4/6/2021	0.0061	
8/11/2021	0.0051	
2/16/2022	0.005	
8/26/2022	0.0043	
2/27/2023		0.006
8/9/2023		0.0066
3/1/2024		0.0059
8/6/2024		0.0045

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-14	GWC-14
5/9/2010	<0.002	
6/18/2010	<0.002	
7/28/2010	<0.002	
9/9/2010	<0.002	
4/30/2011	<0.002	
10/28/2011	<0.002	
5/3/2012	<0.002	
11/10/2012	<0.002	
5/8/2013	<0.002	
11/5/2013	0.0036 (J)	
5/20/2014	<0.002	
11/12/2014	<0.002	
5/24/2015	<0.002	
11/11/2015	<0.002	
4/13/2016	<0.002	
6/21/2016	0.0006 (J)	
8/15/2016	<0.002	
10/4/2016	<0.002	
12/1/2016	<0.002	
2/7/2017	<0.002	
4/6/2017	<0.002	
6/20/2017	<0.002	
10/5/2017	<0.002	
3/20/2018	<0.002	
10/2/2018	<0.002	
3/26/2019	<0.002	
9/11/2019	0.0038	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/1/2021	<0.002	
8/11/2021	<0.002	
2/16/2022	<0.002	
8/26/2022	<0.002	
2/27/2023		<0.002
8/9/2023		0.0018 (J)
3/1/2024		0.0022
8/8/2024		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-18	GWC-18
5/10/2010	0.012	
6/16/2010	0.014	
7/26/2010	0.013	
9/7/2010	0.015	
4/29/2011	0.014	
10/28/2011	0.014	
5/2/2012	0.017	
11/9/2012	0.014	
5/8/2013	0.017	
11/6/2013	0.017	
5/23/2014	0.013	
11/8/2014	0.018	
5/22/2015	0.02	
11/10/2015	0.013	
4/11/2016	0.0139	
6/16/2016	0.014	
8/11/2016	0.016	
10/5/2016	0.014	
11/29/2016	0.013	
2/8/2017	0.013	
4/6/2017	0.014	
6/21/2017	0.013	
10/5/2017	0.014	
3/20/2018	0.014	
10/2/2018	0.014	
3/26/2019	0.014	
9/11/2019	0.017	
3/18/2020	0.014	
9/9/2020	0.013	
4/1/2021	0.014	
8/11/2021	0.014	
2/16/2022	0.012	
8/25/2022	0.012	
2/28/2023		0.012
8/9/2023		0.014
2/29/2024		0.013
8/6/2024		0.013

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-19	GWC-19
5/11/2010	0.0039 (J)	
6/16/2010	0.0049 (J)	
7/27/2010	0.0047 (J)	
9/7/2010	0.0057	
4/29/2011	0.0087	
10/28/2011	0.0075	
5/2/2012	0.011	
11/9/2012	0.0076	
5/9/2013	0.0088	
11/6/2013	0.011	
5/22/2014	0.0057 (J)	
11/8/2014	0.013	
5/22/2015	0.014	
11/10/2015	0.0091 (J)	
4/11/2016	0.00767 (J)	
6/16/2016	0.0082 (J)	
8/11/2016	0.0085	
10/5/2016	0.01	
11/29/2016	0.0087	
2/8/2017	0.0093	
4/5/2017	0.0098	
6/21/2017	0.0094	
10/5/2017	0.0096	
3/20/2018	0.0097	
10/2/2018	0.0097	
3/26/2019	0.0091	
9/12/2019	0.012	
3/19/2020	0.012	
9/9/2020	0.011	
4/5/2021	0.012	
8/11/2021	0.013	
2/16/2022	0.011	
8/25/2022	0.015	
2/28/2023		0.014
8/8/2023		0.014
2/29/2024		0.015
8/6/2024		0.015

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-20	GWC-20
5/11/2010	0.0063	
6/17/2010	0.0053	
7/27/2010	0.0064	
9/7/2010	0.0078	
4/29/2011	0.0065	
10/28/2011	0.0092	
5/3/2012	0.011	
11/10/2012	0.0073	
5/9/2013	0.0098	
11/6/2013	0.011	
5/22/2014	0.0097 (J)	
11/9/2014	0.012	
5/22/2015	0.016	
11/10/2015	0.0088 (J)	
4/12/2016	0.00965 (J)	
6/16/2016	0.0087 (J)	
8/11/2016	0.0083	
10/5/2016	0.0094	
11/30/2016	0.0084	
2/8/2017	0.0091	
4/6/2017	0.011	
6/21/2017	0.0081	
10/5/2017	0.0083	
3/21/2018	0.0085	
10/3/2018	0.0091	
3/26/2019	0.0092	
9/12/2019	0.011	
3/19/2020	0.0094	
9/10/2020	0.009	
4/5/2021	0.008	
8/11/2021	0.0087	
2/16/2022	0.0081	
8/25/2022	0.0079	
2/28/2023		0.009
8/8/2023		0.01
3/1/2024		0.0088
8/6/2024		0.0088

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15	GWA-15
5/9/2010	<0.0025	
6/18/2010	<0.0025	
7/28/2010	<0.0025	
9/9/2010	<0.0025	
4/30/2011	<0.0025	
10/28/2011	<0.0025	
5/2/2012	<0.0025	
11/9/2012	<0.0025	
5/8/2013	<0.0025	
11/5/2013	<0.0025	
5/20/2014	<0.0025	
11/12/2014	<0.0025	
5/22/2015	<0.0025	
11/11/2015	<0.0025	
4/6/2016	0.00261 (JO)	
6/15/2016	0.00092 (J)	
8/10/2016	0.00076 (J)	
10/4/2016	0.00081 (J)	
11/30/2016	0.00061 (J)	
2/7/2017	<0.0025	
4/4/2017	0.00084 (J)	
6/20/2017	0.0012 (J)	
10/4/2017	0.00087 (J)	
3/20/2018	0.0018 (J)	
10/2/2018	0.0011 (J)	
3/26/2019	0.0019 (J)	
9/10/2019	0.0012 (J)	
3/18/2020	0.0017 (J)	
9/9/2020	0.0016 (J)	
4/1/2021	0.0024 (J)	
8/11/2021	0.0011 (J)	
2/15/2022	0.0029	
8/25/2022	0.0014 (J)	
2/28/2023		0.0026
8/3/2023		0.0017 (J)
3/4/2024		0.0026
8/6/2024		0.001 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-16	GWA-16
5/9/2010	<0.0025	
6/16/2010	<0.0025	
7/27/2010	<0.0025	
9/7/2010	<0.0025	
4/29/2011	0.003 (JO)	
10/28/2011	<0.0025	
5/2/2012	<0.0025	
11/9/2012	<0.0025	
5/8/2013	<0.0025	
11/6/2013	<0.0025	
5/20/2014	<0.0025	
11/8/2014	<0.0025	
5/22/2015	<0.0025	
11/9/2015	<0.0025	
4/6/2016	<0.0025	
6/15/2016	2.2E-05 (J)	
8/10/2016	<0.0025	
10/4/2016	<0.0025	
11/29/2016	<0.0025	
2/7/2017	<0.0025	
4/4/2017	<0.0025	
6/20/2017	<0.0025	
10/5/2017	<0.0025	
3/20/2018	<0.0025	
10/2/2018	<0.0025	
3/26/2019	<0.0025	
9/10/2019	0.00031 (J)	
3/18/2020	0.00034 (J)	
9/9/2020	<0.0025	
4/1/2021	0.00014 (J)	
8/11/2021	<0.0025	
2/15/2022	<0.0025	
8/25/2022	<0.0025	
2/28/2023		<0.0025
8/3/2023		<0.0025
2/28/2024		<0.0025
8/6/2024		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17	GWA-17
5/8/2010	<0.0025	
6/16/2010	<0.0025	
7/26/2010	<0.0025	
9/7/2010	<0.0025	
4/29/2011	<0.0025	
10/28/2011	<0.0025	
5/2/2012	<0.0025	
11/9/2012	<0.0025	
5/8/2013	<0.0025	
11/6/2013	<0.0025	
5/20/2014	<0.0025	
11/8/2014	<0.0025	
5/22/2015	<0.0025	
11/9/2015	<0.0025	
4/6/2016	<0.0025	
6/15/2016	8.4E-05 (J)	
8/10/2016	<0.0025	
10/5/2016	<0.0025	
11/29/2016	<0.0025	
2/7/2017	<0.0025	
4/4/2017	<0.0025	
6/20/2017	<0.0025	
10/5/2017	<0.0025	
3/20/2018	<0.0025	
10/2/2018	<0.0025	
3/26/2019	<0.0025	
9/10/2019	0.00052 (J)	
3/18/2020	<0.0025	
9/9/2020	0.00019 (J)	
4/1/2021	<0.0025	
8/11/2021	<0.0025	
2/15/2022	<0.0025	
8/24/2022	<0.0025	
2/28/2023		<0.0025
8/3/2023		<0.0025
2/28/2024		<0.0025
8/6/2024		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-1	GWC-1
5/11/2010	<0.0025	
6/17/2010	<0.0025	
7/27/2010	<0.0025	
9/9/2010	<0.0025	
4/28/2011	<0.0025	
10/29/2011	<0.0025	
5/3/2012	<0.0025	
11/9/2012	<0.0025	
5/9/2013	<0.0025	
11/5/2013	<0.0025	
5/23/2014	<0.0025	
11/13/2014	<0.0025	
5/23/2015	<0.0025	
11/11/2015	<0.0025	
4/12/2016	<0.0025	
6/16/2016	2E-05 (J)	
8/11/2016	<0.0025	
10/4/2016	<0.0025	
11/30/2016	<0.0025	
2/7/2017	<0.0025	
4/5/2017	<0.0025	
6/20/2017	<0.0025	
10/4/2017	<0.0025	
3/20/2018	<0.0025	
10/2/2018	<0.0025	
3/26/2019	<0.0025	
9/10/2019	<0.0025	
3/18/2020	0.00017 (J)	
9/9/2020	<0.0025	
4/1/2021	<0.0025	
8/18/2021	0.00025 (J)	
2/15/2022	<0.0025	
8/24/2022	<0.0025	
2/27/2023		<0.0025
8/9/2023		<0.0025
3/1/2024		<0.0025
8/6/2024		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-2	GWC-2
5/11/2010	<0.0025	
6/19/2010	<0.0025	
7/27/2010	<0.0025	
9/9/2010	<0.0025	
4/28/2011	<0.0025	
10/28/2011	<0.0025	
5/3/2012	<0.0025	
11/9/2012	<0.0025	
5/9/2013	<0.0025	
11/5/2013	<0.0025	
5/22/2014	<0.0025	
11/13/2014	<0.0025	
5/24/2015	<0.0025	
11/11/2015	<0.0025	
4/12/2016	<0.0025	
6/16/2016	1.1E-05 (J)	
8/11/2016	<0.0025	
10/4/2016	<0.0025	
11/30/2016	<0.0025	
2/7/2017	<0.0025	
4/6/2017	<0.0025	
6/20/2017	<0.0025	
10/4/2017	<0.0025	
3/20/2018	<0.0025	
10/2/2018	<0.0025	
3/26/2019	<0.0025	
9/10/2019	0.00015 (J)	
3/18/2020	<0.0025	
9/9/2020	<0.0025	
4/1/2021	<0.0025	
8/12/2021	0.0002 (J)	
2/15/2022	<0.0025	
8/26/2022	<0.0025	
2/27/2023		<0.0025
8/9/2023		<0.0025
3/1/2024		<0.0025
8/6/2024		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-3
5/11/2010	<0.0025	
6/17/2010	<0.0025	
7/28/2010	0.0034 (JO)	
9/7/2010	<0.0025	
4/29/2011	0.0037 (JO)	
10/28/2011	<0.0025	
5/3/2012	<0.0025	
11/9/2012	<0.0025	
5/10/2013	<0.0025	
11/6/2013	<0.0025	
5/22/2014	<0.0025	
11/9/2014	<0.0025	
5/22/2015	<0.0025	
11/10/2015	<0.0025	
4/12/2016	<0.0025	
6/20/2016	0.0001 (J)	
8/12/2016	0.00042 (J)	
10/5/2016	<0.0025	
11/30/2016	<0.0025	
2/8/2017	<0.0025	
4/6/2017	<0.0025	
6/21/2017	0.00042 (J)	
10/5/2017	<0.0025	
3/21/2018	<0.0025	
10/3/2018	<0.0025	
3/26/2019	<0.0025	
9/10/2019	0.00028 (J)	
3/18/2020	0.00014 (J)	
9/10/2020	0.00023 (J)	
4/6/2021	0.00031 (J)	
8/12/2021	0.00067 (J)	
2/15/2022	<0.0025	
8/25/2022	0.00046 (J)	
2/28/2023		<0.0025
8/9/2023		<0.0025
3/4/2024		<0.0025
8/7/2024		0.00023 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
5/11/2010	<0.0025	
6/17/2010	<0.0025	
7/28/2010	<0.0025	
9/8/2010	<0.0025	
4/28/2011	<0.0025	
10/29/2011	<0.0025	
5/3/2012	<0.0025	
11/10/2012	<0.0025	
5/10/2013	<0.0025	
11/6/2013	<0.0025	
5/22/2014	<0.0025	
11/9/2014	<0.0025	
5/22/2015	<0.0025	
11/11/2015	<0.0025	
4/12/2016	<0.0025	
6/20/2016	0.00016 (J)	
8/12/2016	<0.0025	
10/6/2016	0.00068 (J)	
11/30/2016	<0.0025	
2/8/2017	<0.0025	
4/6/2017	<0.0025	
6/22/2017	<0.0025	
10/6/2017	<0.0025	
3/21/2018	<0.0025	
10/3/2018	<0.0025	
3/26/2019	0.00096 (J)	
9/10/2019	<0.0025	
3/19/2020	0.00021 (J)	
9/10/2020	0.00032 (J)	
4/2/2021	0.00026 (J)	
8/12/2021	<0.0025	
2/15/2022	<0.0025	
8/25/2022	<0.0025	
2/27/2023		<0.0025
8/8/2023		<0.0025
2/29/2024		<0.0025
8/7/2024		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-5	GWC-5
5/11/2010	<0.0025	
6/18/2010	<0.0025	
7/27/2010	<0.0025	
9/9/2010	<0.0025	
4/29/2011	<0.0025	
10/28/2011	<0.0025	
5/4/2012	<0.0025	
11/10/2012	<0.0025	
5/9/2013	<0.0025	
11/6/2013	<0.0025	
5/22/2014	<0.0025	
11/9/2014	<0.0025	
5/24/2015	<0.0025	
11/11/2015	<0.0025	
4/19/2016	<0.0025	
6/22/2016	<0.0025	
8/16/2016	<0.0025	
10/6/2016	<0.0025	
12/1/2016	<0.0025	
2/9/2017	<0.0025	
4/6/2017	<0.0025	
6/21/2017	<0.0025	
10/5/2017	<0.0025	
3/22/2018	<0.0025	
10/3/2018	<0.0025	
3/27/2019	<0.0025	
9/11/2019	9.9E-05 (J)	
3/18/2020	<0.0025	
9/9/2020	<0.0025	
4/1/2021	<0.0025	
8/12/2021	<0.0025	
2/15/2022	<0.0025	
8/25/2022	<0.0025	
2/28/2023		<0.0025
8/8/2023		<0.0025
2/29/2024		<0.0025
8/6/2024		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-6	GWC-6
5/11/2010	<0.0025	
6/18/2010	<0.0025	
7/27/2010	<0.0025	
9/9/2010	<0.0025	
4/30/2011	<0.0025	
10/29/2011	<0.0025	
5/4/2012	<0.0025	
11/10/2012	<0.0025	
5/9/2013	<0.0025	
11/7/2013	<0.0025	
5/21/2014	<0.0025	
11/9/2014	<0.0025	
5/24/2015	<0.0025	
11/11/2015	<0.0025	
4/12/2016	<0.0025	
6/20/2016	3E-05 (J)	
8/12/2016	<0.0025	
10/6/2016	<0.0025	
11/30/2016	<0.0025	
2/9/2017	<0.0025	
4/6/2017	<0.0025	
6/21/2017	<0.0025	
10/6/2017	<0.0025	
3/21/2018	<0.0025	
10/3/2018	<0.0025	
3/26/2019	<0.0025	
9/11/2019	8.7E-05 (J)	
3/18/2020	<0.0025	
9/10/2020	<0.0025	
4/5/2021	0.00015 (J)	
8/11/2021	<0.0025	
2/15/2022	<0.0025	
8/25/2022	<0.0025	
2/27/2023		<0.0025
8/8/2023		<0.0025
2/29/2024		<0.0025
8/7/2024		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-7	GWC-7
5/10/2010	<0.0025	
6/18/2010	<0.0025	
7/28/2010	<0.0025	
9/9/2010	<0.0025	
4/30/2011	<0.0025	
10/29/2011	<0.0025	
5/4/2012	<0.0025	
11/10/2012	<0.0025	
5/9/2013	<0.0025	
11/7/2013	<0.0025	
5/21/2014	<0.0025	
11/12/2014	<0.0025	
5/24/2015	<0.0025	
11/11/2015	<0.0025	
4/13/2016	<0.0025	
6/20/2016	8.6E-05 (J)	
8/15/2016	<0.0025	
10/6/2016	<0.0025	
12/1/2016	<0.0025	
2/9/2017	<0.0025	
4/7/2017	<0.0025	
6/22/2017	<0.0025	
10/6/2017	<0.0025	
3/22/2018	<0.0025	
10/4/2018	<0.0025	
3/27/2019	<0.0025	
9/11/2019	0.00016 (J)	
3/19/2020	0.00013 (J)	
9/10/2020	0.00038 (J)	
4/1/2021	0.00015 (J)	
8/11/2021	<0.0025	
2/15/2022	<0.0025	
8/25/2022	<0.0025	
2/27/2023		<0.0025
8/8/2023		<0.0025
2/29/2024		<0.0025
8/6/2024		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-8A
5/10/2010	<0.0025	
6/19/2010	<0.0025	
7/28/2010	<0.0025	
9/8/2010	<0.0025	
4/30/2011	0.0063 (JO)	
10/27/2011	<0.0025	
5/4/2012	<0.0025	
11/11/2012	<0.0025	
5/10/2013	0.0068 (JO)	
11/7/2013	<0.0025	
5/21/2014	<0.0025	
11/13/2014	0.0046 (J)	
5/23/2015	<0.0025	
11/11/2015	<0.0025	
4/19/2016	<0.0025	
10/10/2016	<0.0025	
12/1/2016	0.00068 (J)	
2/9/2017	0.0009 (J)	
4/7/2017	0.0011 (J)	
6/21/2017	0.00064 (J)	
8/15/2017	0.001 (J)	
9/1/2017	0.00089 (J)	
10/9/2017	0.00085 (J)	
3/22/2018	<0.0025 (O)	
10/4/2018	0.00048 (J)	
3/27/2019	0.0012 (J)	
9/11/2019	0.00085 (J)	
3/18/2020	0.0027	
9/9/2020	0.0043	
4/5/2021	0.0026	
8/12/2021	0.0019 (J)	
2/15/2022	0.0037	
8/25/2022	0.0021 (J)	
2/27/2023		0.004
8/8/2023		0.0044
2/29/2024		0.0031
8/6/2024		0.0017 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-9	GWC-9
5/10/2010	<0.0025	
6/16/2010	<0.0025	
7/27/2010	<0.0025	
9/8/2010	<0.0025	
4/29/2011	<0.0025	
10/27/2011	<0.0025	
5/3/2012	<0.0025	
11/11/2012	<0.0025	
5/9/2013	<0.0025	
11/6/2013	<0.0025	
5/21/2014	<0.0025	
11/12/2014	<0.0025	
5/23/2015	<0.0025	
11/12/2015	<0.0025	
4/13/2016	<0.0025	
6/22/2016	<0.0025	
8/15/2016	<0.0025	
10/6/2016	<0.0025	
12/1/2016	<0.0025	
2/8/2017	<0.0025	
4/6/2017	<0.0025	
6/21/2017	<0.0025	
10/5/2017	<0.0025	
3/21/2018	<0.0025	
10/2/2018	<0.0025	
3/27/2019	<0.0025	
9/11/2019	0.00016 (J)	
3/18/2020	<0.0025	
9/9/2020	0.00023 (J)	
4/1/2021	0.00015 (J)	
8/12/2021	0.00013 (J)	
2/15/2022	<0.0025	
8/25/2022	0.00053 (J)	
2/27/2023		<0.0025
8/8/2023		<0.0025
3/1/2024		<0.0025
8/6/2024		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-10	GWC-10
5/10/2010	<0.0025	
6/16/2010	<0.0025	
7/28/2010	<0.0025	
9/8/2010	<0.0025	
4/29/2011	<0.0025	
10/27/2011	<0.0025	
5/4/2012	<0.0025	
11/11/2012	<0.0025	
5/9/2013	<0.0025	
11/5/2013	<0.0025	
5/21/2014	<0.0025	
11/12/2014	<0.0025	
5/23/2015	<0.0025	
11/12/2015	<0.0025	
4/13/2016	<0.0025	
6/21/2016	<0.0025	
8/15/2016	<0.0025	
10/5/2016	<0.0025	
12/1/2016	<0.0025	
2/8/2017	<0.0025	
4/6/2017	<0.0025	
6/21/2017	<0.0025	
10/5/2017	<0.0025	
3/21/2018	<0.0025	
10/2/2018	<0.0025	
3/27/2019	<0.0025	
9/11/2019	<0.0025	
3/18/2020	<0.0025	
9/9/2020	<0.0025	
4/1/2021	<0.0025	
8/17/2021	0.0035	
10/18/2021	<0.0025	
2/15/2022	<0.0025	
8/25/2022	<0.0025	
2/21/2023		<0.0025
8/9/2023		<0.0025
3/1/2024		<0.0025
8/6/2024		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-11	GWC-11
5/10/2010	<0.0025	
6/16/2010	<0.0025	
7/27/2010	<0.0025	
9/8/2010	<0.0025	
4/29/2011	<0.0025	
10/27/2011	<0.0025	
5/4/2012	<0.0025	
11/10/2012	<0.0025	
5/9/2013	<0.0025	
11/6/2013	<0.0025	
5/20/2014	<0.0025	
11/12/2014	<0.0025	
5/24/2015	<0.0025	
11/12/2015	<0.0025	
4/13/2016	<0.0025	
6/21/2016	<0.0025	
8/15/2016	<0.0025	
10/5/2016	<0.0025	
12/1/2016	<0.0025	
2/8/2017	<0.0025	
4/6/2017	<0.0025	
6/20/2017	<0.0025	
10/5/2017	<0.0025	
3/21/2018	<0.0025	
10/2/2018	<0.0025	
3/27/2019	<0.0025	
9/11/2019	<0.0025	
3/18/2020	<0.0025	
9/10/2020	0.00033 (J)	
4/1/2021	<0.0025	
8/11/2021	<0.0025	
2/16/2022	<0.0025	
8/25/2022	<0.0025	
2/27/2023		<0.0025
8/9/2023		<0.0025
2/29/2024		<0.0025
8/6/2024		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-12	GWC-12
5/9/2010	<0.0025	
6/18/2010	<0.0025	
7/27/2010	<0.0025	
9/8/2010	<0.0025	
4/29/2011	<0.0025	
10/28/2011	<0.0025	
5/3/2012	<0.0025	
11/10/2012	<0.0025	
5/9/2013	<0.0025	
11/6/2013	<0.0025	
5/20/2014	<0.0025	
11/12/2014	<0.0025	
5/23/2015	<0.0025	
11/12/2015	<0.0025	
4/13/2016	<0.0025	
6/21/2016	0.0004 (J)	
8/15/2016	0.00042 (J)	
10/5/2016	0.00049 (J)	
12/1/2016	<0.0025	
2/8/2017	<0.0025	
4/5/2017	<0.0025	
6/20/2017	0.0004 (J)	
10/5/2017	0.00041 (J)	
3/21/2018	<0.0025	
10/2/2018	<0.0025	
3/26/2019	<0.0025	
9/11/2019	0.00042 (J)	
3/18/2020	0.00013 (J)	
9/10/2020	0.00057 (J)	
4/1/2021	0.00028 (J)	
8/11/2021	0.00033 (J)	
2/16/2022	0.00033 (J)	
8/26/2022	0.00033 (J)	
2/27/2023		<0.0025
8/9/2023		0.00035 (J)
2/29/2024		0.00027 (J)
8/6/2024		0.00029 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-18	GWC-18
5/10/2010	<0.0025	
6/16/2010	<0.0025	
7/26/2010	<0.0025	
9/7/2010	<0.0025	
4/29/2011	<0.0025	
10/28/2011	<0.0025	
5/2/2012	<0.0025	
11/9/2012	<0.0025	
5/8/2013	<0.0025	
11/6/2013	<0.0025	
5/23/2014	<0.0025	
11/8/2014	<0.0025	
5/22/2015	0.0032 (JO)	
11/10/2015	<0.0025	
4/11/2016	<0.0025	
6/16/2016	8E-05 (J)	
8/11/2016	<0.0025	
10/5/2016	<0.0025	
11/29/2016	<0.0025	
2/8/2017	<0.0025	
4/6/2017	<0.0025	
6/21/2017	<0.0025	
10/5/2017	<0.0025	
3/20/2018	<0.0025	
10/2/2018	<0.0025	
3/26/2019	<0.0025	
9/11/2019	0.00023 (J)	
3/18/2020	0.00018 (J)	
9/9/2020	0.00014 (J)	
4/1/2021	<0.0025	
8/11/2021	0.00021 (J)	
2/16/2022	<0.0025	
8/25/2022	<0.0025	
2/28/2023		<0.0025
8/9/2023		<0.0025
2/29/2024		<0.0025
8/6/2024		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-19	GWC-19
5/11/2010	<0.0025	
6/16/2010	<0.0025	
7/27/2010	<0.0025	
9/7/2010	<0.0025	
4/29/2011	<0.0025	
10/28/2011	<0.0025	
5/2/2012	<0.0025	
11/9/2012	<0.0025	
5/9/2013	<0.0025	
11/6/2013	<0.0025	
5/22/2014	<0.0025	
11/8/2014	<0.0025	
5/22/2015	<0.0025	
11/10/2015	<0.0025	
4/11/2016	<0.0025	
6/16/2016	9.8E-05 (J)	
8/11/2016	<0.0025	
10/5/2016	<0.0025	
11/29/2016	<0.0025	
2/8/2017	<0.0025	
4/5/2017	<0.0025	
6/21/2017	<0.0025	
10/5/2017	<0.0025	
3/20/2018	<0.0025	
10/2/2018	<0.0025	
3/26/2019	<0.0025	
9/12/2019	0.00021 (J)	
3/19/2020	0.00014 (J)	
9/9/2020	<0.0025	
4/5/2021	<0.0025	
8/11/2021	<0.0025	
2/16/2022	<0.0025	
8/25/2022	<0.0025	
2/28/2023		<0.0025
8/8/2023		<0.0025
2/29/2024		<0.0025
8/6/2024		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-20	GWC-20
5/11/2010	<0.0025	
6/17/2010	<0.0025	
7/27/2010	<0.0025	
9/7/2010	<0.0025	
4/29/2011	<0.0025	
10/28/2011	<0.0025	
5/3/2012	<0.0025	
11/10/2012	<0.0025	
5/9/2013	<0.0025	
11/6/2013	<0.0025	
5/22/2014	<0.0025	
11/9/2014	<0.0025	
5/22/2015	<0.0025	
11/10/2015	<0.0025	
4/12/2016	<0.0025	
6/16/2016	0.00012 (J)	
8/11/2016	<0.0025	
10/5/2016	<0.0025	
11/30/2016	<0.0025	
2/8/2017	<0.0025	
4/6/2017	0.0005 (J)	
6/21/2017	<0.0025	
10/5/2017	<0.0025	
3/21/2018	<0.0025	
10/3/2018	<0.0025	
3/26/2019	<0.0025	
9/12/2019	0.00021 (J)	
3/19/2020	0.00026 (J)	
9/10/2020	0.00018 (J)	
4/5/2021	<0.0025	
8/11/2021	<0.0025	
2/16/2022	<0.0025	
8/25/2022	<0.0025	
2/28/2023		<0.0025
8/8/2023		<0.0025
3/1/2024		<0.0025
8/6/2024		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-16	GWA-16
5/9/2010	<0.002	
6/16/2010	<0.002	
7/27/2010	<0.002	
9/7/2010	<0.002	
4/29/2011	<0.002	
10/28/2011	<0.002	
5/2/2012	<0.002	
11/9/2012	<0.002	
5/8/2013	<0.002	
11/6/2013	<0.002	
5/20/2014	<0.002	
11/8/2014	<0.002	
5/22/2015	<0.002	
11/9/2015	<0.002	
4/6/2016	<0.002	
10/4/2016	<0.002	
4/4/2017	<0.002	
10/5/2017	<0.002	
3/20/2018	<0.002	
10/2/2018	<0.002	
3/26/2019	<0.002	
9/10/2019	0.00095 (J)	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/1/2021	0.00074 (J)	
8/11/2021	<0.002	
2/15/2022	<0.002	
8/25/2022	<0.002	
2/28/2023		<0.002
8/3/2023		<0.002
2/28/2024		<0.002
8/6/2024		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17	GWA-17
5/8/2010	<0.002	
6/16/2010	<0.002	
7/26/2010	<0.002	
9/7/2010	<0.002	
4/29/2011	<0.002	
10/28/2011	<0.002	
5/2/2012	<0.002	
11/9/2012	<0.002	
5/8/2013	<0.002	
11/6/2013	<0.002	
5/20/2014	<0.002	
11/8/2014	<0.002	
5/22/2015	<0.002	
11/9/2015	<0.002	
4/6/2016	<0.002	
10/5/2016	<0.002	
4/4/2017	<0.002	
10/5/2017	<0.002	
3/20/2018	<0.002	
10/2/2018	<0.002	
3/26/2019	<0.002	
9/10/2019	0.0012 (J)	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/1/2021	<0.002	
8/11/2021	<0.002	
2/15/2022	<0.002	
8/24/2022	<0.002	
2/28/2023		<0.002
8/3/2023		<0.002
2/28/2024		<0.002
8/6/2024		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-1	GWC-1
5/11/2010	<0.002	
6/17/2010	<0.002	
7/27/2010	<0.002	
9/9/2010	<0.002	
4/28/2011	<0.002	
10/29/2011	<0.002	
5/3/2012	<0.002	
11/9/2012	<0.002	
5/9/2013	<0.002	
11/5/2013	<0.002	
5/23/2014	<0.002	
11/13/2014	<0.002	
5/23/2015	<0.002	
11/11/2015	<0.002	
4/12/2016	<0.002	
10/4/2016	<0.002	
4/5/2017	<0.002	
10/4/2017	<0.002	
3/20/2018	<0.002	
10/2/2018	<0.002	
3/26/2019	<0.002	
9/10/2019	<0.002	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/1/2021	<0.002	
8/18/2021	0.0011 (J)	
2/15/2022	0.0013 (J)	
8/24/2022	<0.002	
2/27/2023		<0.002
8/9/2023		<0.002
3/1/2024		<0.002
8/6/2024		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-2	GWC-2
5/11/2010	<0.002	
6/19/2010	<0.002	
7/27/2010	<0.002	
9/9/2010	<0.002	
4/28/2011	<0.002	
10/28/2011	<0.002	
5/3/2012	<0.002	
11/9/2012	<0.002	
5/9/2013	<0.002	
11/5/2013	<0.002	
5/22/2014	<0.002	
11/13/2014	<0.002	
5/24/2015	<0.002	
11/11/2015	<0.002	
4/12/2016	<0.002	
10/4/2016	<0.002	
4/6/2017	<0.002	
10/4/2017	<0.002	
3/20/2018	<0.002	
10/2/2018	<0.002	
3/26/2019	<0.002	
9/10/2019	<0.002	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/1/2021	0.00069 (J)	
8/12/2021	0.00078 (J)	
2/15/2022	0.0013 (J)	
8/26/2022	<0.002	
2/27/2023		<0.002
8/9/2023		<0.002
3/1/2024		<0.002
8/6/2024		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-3
5/11/2010	0.003 (J)	
6/17/2010	<0.002	
7/28/2010	0.012 (O)	
9/7/2010	0.0026 (J)	
4/29/2011	<0.002	
10/28/2011	<0.002	
5/3/2012	<0.002	
11/9/2012	<0.002	
5/10/2013	0.0042 (J)	
11/6/2013	<0.002	
5/22/2014	<0.002	
11/9/2014	<0.002	
5/22/2015	<0.002	
11/10/2015	<0.002	
4/12/2016	<0.002	
10/5/2016	<0.002	
4/6/2017	<0.002	
10/5/2017	<0.002	
3/21/2018	<0.002	
10/3/2018	<0.002	
3/26/2019	<0.002	
9/10/2019	0.0011 (J)	
3/18/2020	<0.002	
9/10/2020	0.00072 (J)	
4/6/2021	0.00088 (J)	
8/12/2021	0.0019 (J)	
2/15/2022	0.0013 (J)	
8/25/2022	0.0013 (J)	
2/28/2023		<0.002
8/9/2023		<0.002
3/4/2024		<0.002
8/7/2024		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
5/11/2010	<0.002	
6/17/2010	0.0022 (J)	
7/28/2010	0.0033 (J)	
9/8/2010	<0.002	
4/28/2011	0.0037 (J)	
10/29/2011	<0.002	
5/3/2012	0.0031 (J)	
11/10/2012	0.0021 (J)	
5/10/2013	0.0025 (J)	
11/6/2013	0.0032 (J)	
5/22/2014	<0.002	
11/9/2014	<0.002	
5/22/2015	<0.002	
11/11/2015	0.002 (J)	
4/12/2016	<0.002	
10/6/2016	0.0022 (J)	
4/6/2017	<0.002	
10/6/2017	<0.002	
3/21/2018	<0.002	
10/3/2018	<0.002	
3/26/2019	0.0039	
9/10/2019	0.0017 (J)	
3/19/2020	<0.002	
9/10/2020	0.0011 (J)	
4/2/2021	0.0012 (J)	
8/12/2021	<0.002	
2/15/2022	0.0011 (J)	
8/25/2022	<0.002	
2/27/2023		<0.002
8/8/2023		<0.002
2/29/2024		<0.002
8/7/2024		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-6	GWC-6
5/11/2010	<0.002	
6/18/2010	0.0026 (J)	
7/27/2010	0.0029 (J)	
9/9/2010	<0.002	
4/30/2011	<0.002	
10/29/2011	<0.002	
5/4/2012	0.0037 (J)	
11/10/2012	<0.002	
5/9/2013	<0.002	
11/7/2013	<0.002	
5/21/2014	<0.002	
11/9/2014	<0.002	
5/24/2015	<0.002	
11/11/2015	<0.002	
4/12/2016	<0.002	
10/6/2016	<0.002	
4/6/2017	<0.002	
10/6/2017	<0.002	
3/21/2018	<0.002	
10/3/2018	<0.002	
3/26/2019	<0.002	
9/11/2019	0.00066 (J)	
3/18/2020	<0.002	
9/10/2020	<0.002	
4/5/2021	<0.002	
8/11/2021	<0.002	
2/15/2022	<0.002	
8/25/2022	<0.002	
2/27/2023		<0.002
8/8/2023		<0.002
2/29/2024		<0.002
8/7/2024		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-7	GWC-7
5/10/2010	<0.002	
6/18/2010	0.008 (JO)	
7/28/2010	0.0021 (J)	
9/9/2010	<0.002	
4/30/2011	<0.002	
10/29/2011	<0.002	
5/4/2012	<0.002	
11/10/2012	<0.002	
5/9/2013	<0.002	
11/7/2013	0.0022 (J)	
5/21/2014	<0.002	
11/12/2014	<0.002	
5/24/2015	0.0022 (J)	
11/11/2015	<0.002	
4/13/2016	<0.002	
10/6/2016	<0.002	
4/7/2017	<0.002	
10/6/2017	0.0026	
3/22/2018	<0.002	
10/4/2018	<0.002	
3/27/2019	<0.002	
9/11/2019	0.00086 (J)	
3/19/2020	<0.002	
9/10/2020	0.0024	
4/1/2021	0.00094 (J)	
8/11/2021	<0.002	
2/15/2022	<0.002	
8/25/2022	<0.002	
2/27/2023		<0.002
8/8/2023		<0.002
2/29/2024		<0.002
8/6/2024		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-8A
5/10/2010	0.0036 (J)	
6/19/2010	0.004 (J)	
7/28/2010	0.013	
9/8/2010	0.068	
4/30/2011	0.098	
10/27/2011	0.02	
5/4/2012	0.024	
11/11/2012	0.032	
5/10/2013	0.18 (O)	
11/7/2013	0.021	
5/21/2014	0.0089 (J)	
11/13/2014	0.1	
5/23/2015	0.048	
11/11/2015	0.059	
4/19/2016	0.0131 (J)	
10/10/2016	0.0046	
4/7/2017	<0.002	
10/9/2017	<0.002	
3/22/2018	<0.002	
10/4/2018	<0.002	
3/27/2019	<0.002	
9/11/2019	<0.002	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/5/2021	<0.002	
8/12/2021	<0.002	
2/15/2022	<0.002	
8/25/2022	<0.002	
2/27/2023		<0.002
8/8/2023		<0.002
2/29/2024		<0.002
8/6/2024		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-9	GWC-9
5/10/2010	<0.002	
6/16/2010	<0.002	
7/27/2010	<0.002	
9/8/2010	<0.002	
4/29/2011	<0.002	
10/27/2011	<0.002	
5/3/2012	0.0023 (J)	
11/11/2012	<0.002	
5/9/2013	<0.002	
11/6/2013	<0.002	
5/21/2014	<0.002	
11/12/2014	<0.002	
5/23/2015	<0.002	
11/12/2015	<0.002	
4/13/2016	<0.002	
10/6/2016	<0.002	
4/6/2017	<0.002	
10/5/2017	<0.002	
3/21/2018	0.0038	
10/2/2018	<0.002	
3/27/2019	<0.002	
9/11/2019	<0.002	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/1/2021	<0.002	
8/12/2021	<0.002	
2/15/2022	<0.002	
8/25/2022	0.0017 (J)	
2/27/2023		0.0013 (J)
8/8/2023		<0.002
3/1/2024		<0.002
8/6/2024		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-10	GWC-10
5/10/2010	<0.002	
6/16/2010	<0.002	
7/28/2010	<0.002	
9/8/2010	<0.002	
4/29/2011	<0.002	
10/27/2011	<0.002	
5/4/2012	<0.002	
11/11/2012	<0.002	
5/9/2013	<0.002	
11/5/2013	<0.002	
5/21/2014	<0.002	
11/12/2014	<0.002	
5/23/2015	<0.002	
11/12/2015	<0.002	
4/13/2016	<0.002	
10/5/2016	<0.002	
4/6/2017	<0.002	
10/5/2017	<0.002	
3/21/2018	<0.002	
10/2/2018	<0.002	
3/27/2019	<0.002	
9/11/2019	<0.002	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/1/2021	<0.002	
8/17/2021	0.0053	
10/18/2021	<0.002	
2/15/2022	<0.002	
8/25/2022	<0.002	
2/21/2023		<0.002
8/9/2023		<0.002
3/1/2024		<0.002
8/6/2024		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-11	GWC-11
5/10/2010	<0.002	
6/16/2010	<0.002	
7/27/2010	<0.002	
9/8/2010	<0.002	
4/29/2011	<0.002	
10/27/2011	<0.002	
5/4/2012	<0.002	
11/10/2012	<0.002	
5/9/2013	<0.002	
11/6/2013	<0.002	
5/20/2014	<0.002	
11/12/2014	<0.002	
5/24/2015	<0.002	
11/12/2015	<0.002	
4/13/2016	<0.002	
10/5/2016	<0.002	
4/6/2017	<0.002	
10/5/2017	0.0021 (J)	
3/21/2018	<0.002	
10/2/2018	<0.002	
3/27/2019	<0.002	
9/11/2019	<0.002	
3/18/2020	<0.002	
9/10/2020	0.0007 (J)	
4/1/2021	<0.002	
8/11/2021	<0.002	
2/16/2022	<0.002	
8/25/2022	<0.002	
2/27/2023		<0.002
8/9/2023		<0.002
2/29/2024		<0.002
8/6/2024		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-13
5/9/2010	<0.002	
6/18/2010	<0.002	
7/29/2010	<0.002	
9/9/2010	<0.002	
4/26/2011	<0.002	
10/28/2011	<0.002	
5/4/2012	0.0024 (J)	
11/11/2012	<0.002	
5/8/2013	<0.002	
11/7/2013	<0.002	
5/20/2014	<0.002	
11/12/2014	<0.002	
5/24/2015	<0.002	
11/12/2015	<0.002	
4/13/2016	<0.002	
10/7/2016	<0.002	
4/6/2017	<0.002	
10/6/2017	<0.002	
3/22/2018	<0.002	
10/3/2018	<0.002	
3/26/2019	<0.002	
9/11/2019	<0.002	
3/18/2020	<0.002	
9/10/2020	<0.002	
4/6/2021	<0.002	
8/11/2021	<0.002	
2/16/2022	<0.002	
8/26/2022	<0.002	
2/27/2023		<0.002
8/9/2023		<0.002
3/1/2024		<0.002
8/6/2024		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-14	GWC-14
5/9/2010	<0.002	
6/18/2010	<0.002	
7/28/2010	<0.002	
9/9/2010	<0.002	
4/30/2011	<0.002	
10/28/2011	<0.002	
5/3/2012	0.0021 (J)	
11/10/2012	<0.002	
5/8/2013	<0.002	
11/5/2013	<0.002	
5/20/2014	<0.002	
11/12/2014	<0.002	
5/24/2015	<0.002	
11/11/2015	<0.002	
4/13/2016	<0.002	
10/4/2016	<0.002	
4/6/2017	<0.002	
10/5/2017	<0.002	
3/20/2018	<0.002	
10/2/2018	<0.002	
3/26/2019	<0.002	
9/11/2019	<0.002	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/1/2021	<0.002	
8/11/2021	<0.002	
2/16/2022	<0.002	
8/26/2022	<0.002	
2/27/2023		<0.002
8/9/2023		<0.002
3/1/2024		<0.002
8/8/2024		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-18	GWC-18
5/10/2010	<0.002	
6/16/2010	0.0025 (J)	
7/26/2010	0.0023 (J)	
9/7/2010	<0.002	
4/29/2011	<0.002	
10/28/2011	<0.002	
5/2/2012	<0.002	
11/9/2012	<0.002	
5/8/2013	<0.002	
11/6/2013	<0.002	
5/23/2014	<0.002	
11/8/2014	<0.002	
5/22/2015	<0.002	
11/10/2015	<0.002	
4/11/2016	<0.002	
10/5/2016	<0.002	
4/6/2017	<0.002	
10/5/2017	<0.002	
3/20/2018	<0.002	
10/2/2018	<0.002	
3/26/2019	<0.002	
9/11/2019	0.00084 (J)	
3/18/2020	<0.002	
9/9/2020	0.00084 (J)	
4/1/2021	<0.002	
8/11/2021	<0.002	
2/16/2022	<0.002	
8/25/2022	<0.002	
2/28/2023		0.0011 (J)
8/9/2023		<0.002
2/29/2024		<0.002
8/6/2024		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-20	GWC-20
5/11/2010	<0.002	
6/17/2010	<0.002	
7/27/2010	0.0021 (J)	
9/7/2010	<0.002	
4/29/2011	<0.002	
10/28/2011	<0.002	
5/3/2012	<0.002	
11/10/2012	<0.002	
5/9/2013	<0.002	
11/6/2013	<0.002	
5/22/2014	<0.002	
11/9/2014	<0.002	
5/22/2015	<0.002	
11/10/2015	<0.002	
4/12/2016	<0.002	
10/5/2016	<0.002	
4/6/2017	<0.002	
10/5/2017	<0.002	
3/21/2018	<0.002	
10/3/2018	<0.002	
3/26/2019	<0.002	
3/19/2020	<0.002	
9/10/2020	<0.002	
4/5/2021	<0.002	
8/11/2021	<0.002	
2/16/2022	<0.002	
8/25/2022	<0.002	
2/28/2023		<0.002
8/8/2023		<0.002
3/1/2024		<0.002
8/6/2024		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15	GWA-15
4/6/2016	0.017 (J)	
6/15/2016	<0.01	
8/10/2016	<0.01	
10/4/2016	<0.01	
11/30/2016	<0.01	
2/7/2017	<0.01	
4/4/2017	<0.01	
6/20/2017	<0.01	
10/4/2017	<0.01	
3/20/2018	<0.01	
10/2/2018	<0.01	
3/26/2019	<0.01	
9/10/2019	<0.01	
3/18/2020	0.036 (J)	
9/9/2020	<0.01	
4/1/2021	<0.01	
8/11/2021	0.036 (J)	
2/15/2022	0.054 (J)	
8/25/2022	<0.01	
2/28/2023		0.077 (J)
8/3/2023		<0.01
3/4/2024		<0.01
8/6/2024		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride (mg/L) Analysis Run 6/18/2025 4:11 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-16	GWA-16
4/6/2016	0.048 (J)	
6/15/2016	<0.01	
8/10/2016	<0.01	
10/4/2016	<0.01	
11/29/2016	<0.01	
2/7/2017	<0.01	
4/4/2017	<0.01	
6/20/2017	<0.01	
10/5/2017	<0.01	
3/20/2018	<0.01	
10/2/2018	<0.01	
3/26/2019	0.041 (J)	
9/10/2019	0.047 (J)	
3/18/2020	0.041 (J)	
9/9/2020	0.034 (J)	
4/1/2021	0.035 (J)	
8/11/2021	0.05 (J)	
2/15/2022	0.079 (J)	
8/25/2022	0.047 (J)	
2/28/2023		0.089 (J)
8/3/2023		0.074 (J)
2/28/2024		<0.01
8/6/2024		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17	GWA-17
4/6/2016	0.039 (J)	
6/15/2016	<0.01	
8/10/2016	<0.01	
10/5/2016	<0.01	
11/29/2016	<0.01	
2/7/2017	<0.01	
4/4/2017	<0.01	
6/20/2017	<0.01	
10/5/2017	<0.01	
3/20/2018	<0.01	
10/2/2018	<0.01	
3/26/2019	0.042 (J)	
9/10/2019	0.046 (J)	
3/18/2020	0.071 (J)	
9/9/2020	0.036 (J)	
4/1/2021	0.042 (J)	
8/11/2021	0.053 (J)	
2/15/2022	0.083 (J)	
8/24/2022	0.047 (J)	
2/28/2023		0.067 (J)
8/3/2023		0.068 (J)
2/28/2024		<0.01
8/6/2024		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-1	GWC-1
4/12/2016	0.087 (J)	
6/16/2016	0.04 (JD)	
8/11/2016	0.092 (J)	
10/4/2016	<0.01	
11/30/2016	0.091 (J)	
2/7/2017	<0.01	
4/5/2017	<0.01	
6/20/2017	0.082 (J)	
10/4/2017	<0.01	
3/20/2018	<0.01	
10/2/2018	0.089 (J)	
3/26/2019	0.072 (J)	
9/10/2019	0.077 (J)	
3/18/2020	0.098 (J)	
9/9/2020	0.069 (J)	
4/1/2021	0.081 (J)	
8/18/2021	0.14	
10/18/2021	0.081 (J)	
2/15/2022	0.12	
5/12/2022	0.048 (J)	
8/24/2022	0.075 (J)	
2/27/2023		0.08 (J)
8/9/2023		0.11
3/1/2024		<0.01
8/6/2024		0.079 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-2	GWC-2
4/12/2016	0.046 (J)	
6/16/2016	<0.01 (D)	
8/11/2016	<0.01	
10/4/2016	<0.01	
11/30/2016	<0.01	
2/7/2017	<0.01	
4/6/2017	<0.01	
6/20/2017	<0.01	
10/4/2017	<0.01	
3/20/2018	<0.01	
10/2/2018	<0.01	
3/26/2019	0.046 (J)	
9/10/2019	0.048 (J)	
3/18/2020	0.055 (J)	
9/9/2020	0.033 (J)	
4/1/2021	0.043 (J)	
8/12/2021	0.054 (J)	
2/15/2022	0.072 (J)	
8/26/2022	0.048 (J)	
2/27/2023		0.055 (J)
8/9/2023		0.068 (J)
3/1/2024		<0.01
8/6/2024		0.049 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-3
4/12/2016	0.057 (J)	
6/20/2016	0.04 (J)	
8/16/2016	<0.01	
10/5/2016	<0.01	
11/30/2016	<0.01	
2/8/2017	<0.01	
4/6/2017	<0.01	
6/21/2017	<0.01	
10/5/2017	<0.01	
3/21/2018	<0.01	
10/3/2018	<0.01	
3/26/2019	0.046 (J)	
9/10/2019	0.058 (J)	
3/18/2020	0.091 (J)	
9/10/2020	0.063 (J)	
4/6/2021	0.045 (J)	
8/12/2021	0.084 (J)	
2/15/2022	0.092 (J)	
8/25/2022	0.059 (J)	
2/28/2023		0.08 (J)
8/9/2023		0.076 (J)
3/4/2024		<0.01
8/7/2024		0.059 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
4/12/2016	0.121 (J)	
6/20/2016	0.04 (J)	
8/16/2016	0.13 (J)	
10/6/2016	0.1 (J)	
11/30/2016	0.13 (J)	
2/8/2017	0.093 (J)	
4/6/2017	0.1 (J)	
6/22/2017	0.11 (J)	
10/6/2017	0.096 (J)	
3/21/2018	0.094 (J)	
10/3/2018	0.1 (J)	
3/26/2019	0.087 (J)	
9/10/2019	0.097 (J)	
3/19/2020	0.038 (J)	
9/10/2020	0.1	
4/2/2021	0.097 (J)	
8/12/2021	0.11	
2/15/2022	0.13	
8/25/2022	0.077 (J)	
2/27/2023		0.075 (J)
8/8/2023		0.1
2/29/2024		<0.01
8/7/2024		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-5	GWC-5
4/19/2016	0.024 (J)	
6/22/2016	<0.01	
8/16/2016	<0.01	
10/6/2016	<0.01	
12/1/2016	<0.01	
2/9/2017	<0.01	
4/6/2017	<0.01	
6/21/2017	<0.01	
10/5/2017	<0.01	
3/22/2018	<0.01	
10/3/2018	<0.01	
3/27/2019	0.038 (J)	
9/11/2019	0.045 (J)	
3/18/2020	0.055 (J)	
9/9/2020	0.033 (J)	
4/1/2021	0.029 (J)	
8/12/2021	0.045 (J)	
2/15/2022	0.16	
5/12/2022	0.03 (J)	
8/25/2022	0.047 (J)	
2/28/2023		0.065 (J)
8/8/2023		0.066 (J)
2/29/2024		<0.01
8/6/2024		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-6	GWC-6
4/12/2016	0.061 (J)	
6/20/2016	<0.01	
8/16/2016	<0.01	
10/6/2016	<0.01	
11/30/2016	<0.01	
2/9/2017	<0.01	
4/6/2017	<0.01	
6/21/2017	<0.01	
10/6/2017	<0.01	
3/21/2018	<0.01	
10/3/2018	<0.01	
3/26/2019	0.058 (J)	
9/11/2019	0.058 (J)	
3/18/2020	0.082 (J)	
9/10/2020	0.052 (J)	
6/2/2021	0.038 (J)	
8/11/2021	0.055 (J)	
2/15/2022	0.095 (J)	
8/25/2022	0.058 (J)	
2/27/2023		0.072 (J)
8/8/2023		0.1
2/29/2024		<0.01
8/7/2024		0.065 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-7	GWC-7
4/13/2016	0.061 (J)	
6/20/2016	0.12 (J)	
8/15/2016	<0.01	
10/6/2016	<0.01	
12/1/2016	<0.01	
2/9/2017	<0.01	
4/7/2017	<0.01	
6/22/2017	<0.01	
10/6/2017	<0.01	
3/22/2018	<0.01	
10/4/2018	<0.01	
3/27/2019	0.04 (J)	
9/11/2019	0.057 (J)	
3/19/2020	<0.01	
9/10/2020	0.053 (J)	
4/1/2021	0.072 (J)	
8/11/2021	0.058 (J)	
2/15/2022	0.083 (J)	
8/25/2022	0.051 (J)	
2/27/2023		0.054 (J)
8/8/2023		0.084 (J)
2/29/2024		<0.01
8/6/2024		0.048 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-8A
4/19/2016	0.135 (J)	
10/10/2016	0.12 (J)	
12/1/2016	0.12 (J)	
2/9/2017	0.11 (J)	
4/7/2017	0.15 (J)	
6/21/2017	0.21	
8/15/2017	0.1 (J)	
9/1/2017	0.084 (J)	
10/9/2017	0.11 (J)	
3/22/2018	0.091 (J)	
10/4/2018	0.14 (J)	
3/27/2019	0.071 (J)	
9/11/2019	0.071 (J)	
3/18/2020	0.073 (J)	
9/9/2020	0.038 (J)	
6/1/2021	0.034 (J)	
8/12/2021	0.087 (J)	
2/15/2022	0.096 (J)	
8/25/2022	0.059 (J)	
2/27/2023		0.097 (J)
8/8/2023		0.053 (J)
2/29/2024		<0.01
8/6/2024		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-9	GWC-9
4/13/2016	0.083 (J)	
6/22/2016	0.03 (J)	
8/15/2016	<0.01	
10/6/2016	<0.01	
12/1/2016	<0.01	
2/8/2017	<0.01	
4/6/2017	<0.01	
6/21/2017	<0.01	
10/5/2017	0.084 (J)	
3/21/2018	<0.01	
10/2/2018	<0.01	
3/27/2019	0.066 (J)	
9/11/2019	0.067 (J)	
3/18/2020	0.096 (J)	
9/9/2020	0.067 (J)	
4/1/2021	0.072 (J)	
8/12/2021	0.085 (J)	
2/15/2022	0.096 (J)	
8/25/2022	0.064 (J)	
2/27/2023		0.07 (J)
8/8/2023		0.088 (J)
3/1/2024		<0.01
8/6/2024		0.07 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-10	GWC-10
4/13/2016	0.082 (J)	
6/21/2016	0.02 (J)	
8/15/2016	<0.01	
10/5/2016	<0.01	
12/1/2016	<0.01	
2/8/2017	<0.01	
4/6/2017	<0.01	
6/21/2017	<0.01	
10/5/2017	<0.01	
3/21/2018	<0.01	
10/2/2018	<0.01	
3/27/2019	0.077 (J)	
9/11/2019	0.067 (J)	
3/18/2020	0.088 (J)	
9/9/2020	0.055 (J)	
4/1/2021	0.086 (J)	
8/17/2021	0.083 (J)	
2/15/2022	0.099 (J)	
8/25/2022	0.065 (J)	
2/21/2023		0.061 (J)
8/9/2023		0.083 (J)
3/1/2024		<0.01
8/6/2024		0.064 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-11	GWC-11
4/13/2016	0.061 (J)	
6/21/2016	0.03 (J)	
8/15/2016	<0.01	
10/5/2016	<0.01	
12/1/2016	<0.01	
2/8/2017	<0.01	
4/6/2017	<0.01	
6/20/2017	<0.01	
10/5/2017	<0.01	
3/21/2018	<0.01	
10/2/2018	<0.01	
3/27/2019	0.048 (J)	
9/11/2019	0.054 (J)	
3/18/2020	0.064 (J)	
9/10/2020	0.052 (J)	
4/1/2021	0.042 (J)	
8/11/2021	0.051 (J)	
2/16/2022	<0.01	
8/25/2022	0.059 (J)	
2/27/2023		0.064 (J)
8/9/2023		0.071 (J)
2/29/2024		<0.01
8/6/2024		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-12	GWC-12
4/13/2016	0.01 (J)	
6/21/2016	<0.01	
8/15/2016	<0.01	
10/5/2016	<0.01	
12/1/2016	<0.01	
2/8/2017	<0.01	
4/5/2017	<0.01	
6/20/2017	<0.01	
10/5/2017	<0.01	
3/21/2018	<0.01	
10/2/2018	<0.01	
3/26/2019	0.026 (J)	
9/11/2019	0.039 (J)	
3/18/2020	0.046 (J)	
9/10/2020	<0.01	
4/1/2021	<0.01	
8/11/2021	0.029 (J)	
2/16/2022	<0.01	
8/26/2022	0.026 (J)	
2/27/2023		0.032 (J)
8/9/2023		<0.01
2/29/2024		<0.01
8/6/2024		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-13
4/13/2016	0.039 (J)	
6/21/2016	<0.01	
8/15/2016	<0.01	
10/7/2016	<0.01	
12/1/2016	<0.01	
2/9/2017	<0.01	
4/6/2017	<0.01	
6/22/2017	<0.01	
10/6/2017	<0.01	
3/22/2018	<0.01	
10/3/2018	<0.01	
3/26/2019	0.04 (J)	
9/11/2019	0.051 (J)	
3/18/2020	0.055 (J)	
9/10/2020	0.034 (J)	
4/6/2021	0.026 (J)	
8/11/2021	0.045 (J)	
2/16/2022	<0.01	
8/26/2022	0.055 (J)	
2/27/2023		0.055 (J)
8/9/2023		0.06 (J)
3/1/2024		<0.01
8/6/2024		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-14	GWC-14
4/13/2016	0.027 (J)	
6/21/2016	<0.01	
8/15/2016	<0.01	
10/4/2016	<0.01	
12/1/2016	<0.01	
2/7/2017	<0.01	
4/6/2017	<0.01	
6/20/2017	<0.01	
10/5/2017	<0.01	
3/20/2018	<0.01	
10/2/2018	<0.01	
3/26/2019	0.034 (J)	
9/11/2019	0.045 (J)	
3/18/2020	0.068 (J)	
9/9/2020	<0.01	
4/1/2021	<0.01	
8/11/2021	0.045 (J)	
2/16/2022	<0.01	
8/26/2022	0.068 (J)	
2/27/2023		0.047 (J)
8/9/2023		<0.01
3/1/2024		<0.01
8/8/2024		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-18	GWC-18
4/11/2016	0.047 (J)	
6/16/2016	<0.01 (D)	
8/11/2016	<0.01	
10/5/2016	<0.01	
11/29/2016	<0.01	
2/8/2017	<0.01	
4/6/2017	<0.01	
6/21/2017	<0.01	
10/5/2017	<0.01	
3/20/2018	<0.01	
10/2/2018	<0.01	
3/26/2019	0.046 (J)	
9/11/2019	0.055 (J)	
3/18/2020	<0.01	
9/9/2020	0.045 (J)	
4/1/2021	0.041 (J)	
8/11/2021	0.062 (J)	
2/16/2022	0.034 (J)	
8/25/2022	0.047 (J)	
2/28/2023		0.12
8/9/2023		0.066 (J)
2/29/2024		<0.01
8/6/2024		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-19	GWC-19
4/11/2016	0.048 (J)	
6/16/2016	<0.01 (D)	
8/11/2016	<0.01	
10/5/2016	<0.01	
11/29/2016	<0.01	
2/8/2017	<0.01	
4/5/2017	<0.01	
6/21/2017	<0.01	
10/5/2017	<0.01	
3/20/2018	<0.01	
10/2/2018	<0.01	
3/26/2019	0.04 (J)	
9/12/2019	0.032 (J)	
3/19/2020	<0.01	
9/9/2020	0.034 (J)	
6/1/2021	0.026 (J)	
8/11/2021	0.047 (J)	
2/16/2022	0.028 (J)	
8/25/2022	0.042 (J)	
2/28/2023		0.079 (J)
8/8/2023		0.067 (J)
2/29/2024		<0.01
8/6/2024		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-20	GWC-20
4/12/2016	0.056 (J)	
6/16/2016	<0.01 (D)	
8/11/2016	<0.01	
10/5/2016	<0.01	
11/30/2016	<0.01	
2/8/2017	<0.01	
4/6/2017	<0.01	
6/21/2017	<0.01	
10/5/2017	<0.01	
3/21/2018	<0.01	
10/3/2018	<0.01	
3/26/2019	0.045 (J)	
9/12/2019	0.044 (J)	
3/19/2020	<0.01	
9/10/2020	0.051 (J)	
6/1/2021	0.033 (J)	
8/11/2021	0.051 (J)	
2/16/2022	<0.01	
8/25/2022	0.05 (J)	
2/28/2023		0.089 (J)
8/8/2023		0.053 (J)
3/1/2024		<0.01
8/6/2024		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-16	GWA-16
5/9/2010	0.0021 (J)	
6/16/2010	0.0028 (J)	
7/27/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	0.0032 (J)	
10/28/2011	0.0025 (J)	
5/2/2012	<0.001	
11/9/2012	0.0024 (J)	
5/8/2013	0.0051	
11/6/2013	0.0033 (J)	
5/20/2014	<0.001	
11/8/2014	<0.001	
5/22/2015	0.0036 (J)	
11/9/2015	0.0039 (J)	
4/6/2016	<0.001	
6/15/2016	<0.001	
8/10/2016	<0.001	
10/4/2016	<0.001	
11/29/2016	<0.001	
2/7/2017	<0.001	
4/4/2017	<0.001	
6/20/2017	<0.001	
10/5/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	0.00016 (J)	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/1/2021	<0.001	
8/11/2021	<0.001	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/28/2023		<0.001
8/3/2023		<0.001
2/28/2024		<0.001
8/6/2024		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17	GWA-17
5/8/2010	<0.001	
6/16/2010	0.0021 (J)	
7/26/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	0.0024 (J)	
10/28/2011	0.002 (J)	
5/2/2012	<0.001	
11/9/2012	<0.001	
5/8/2013	0.0034 (J)	
11/6/2013	0.0028 (J)	
5/20/2014	<0.001	
11/8/2014	<0.001	
5/22/2015	0.0032 (J)	
11/9/2015	<0.001	
4/6/2016	<0.001	
6/15/2016	<0.001	
8/10/2016	<0.001	
10/5/2016	<0.001	
11/29/2016	<0.001	
2/7/2017	<0.001	
4/4/2017	<0.001	
6/20/2017	<0.001	
10/5/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	0.00022 (J)	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/1/2021	<0.001	
8/11/2021	<0.001	
2/15/2022	<0.001	
8/24/2022	<0.001	
2/28/2023		<0.001
8/3/2023		<0.001
2/28/2024		<0.001
8/6/2024		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-1	GWC-1
5/11/2010	<0.001	
6/17/2010	0.0026 (J)	
7/27/2010	<0.001	
9/9/2010	<0.001	
4/28/2011	0.0036 (J)	
10/29/2011	0.0038 (J)	
5/3/2012	<0.001	
11/9/2012	0.0024 (J)	
5/9/2013	0.0085	
11/5/2013	0.0042 (J)	
5/23/2014	<0.001	
11/13/2014	<0.001	
5/23/2015	0.0044 (J)	
11/11/2015	0.0042 (J)	
4/12/2016	<0.001	
6/16/2016	<0.001	
8/11/2016	<0.001	
10/4/2016	<0.001	
11/30/2016	<0.001	
2/7/2017	<0.001	
4/5/2017	<0.001	
6/20/2017	<0.001	
10/4/2017	0.00067 (J)	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	<0.001	
3/18/2020	0.00023 (J)	
9/9/2020	<0.001	
4/1/2021	<0.001	
8/18/2021	<0.001	
2/15/2022	<0.001	
8/24/2022	<0.001	
2/27/2023		<0.001
8/9/2023		<0.001
3/1/2024		0.00028 (J)
8/6/2024		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-2	GWC-2
5/11/2010	<0.001	
6/19/2010	0.003 (J)	
7/27/2010	<0.001	
9/9/2010	<0.001	
4/28/2011	0.0037 (J)	
10/28/2011	0.003 (J)	
5/3/2012	<0.001	
11/9/2012	0.003 (J)	
5/9/2013	0.0063	
11/5/2013	0.0043 (J)	
5/22/2014	<0.001	
11/13/2014	0.0021 (J)	
5/24/2015	0.0043 (J)	
11/11/2015	0.0032 (J)	
4/12/2016	<0.001	
6/16/2016	<0.001	
8/11/2016	<0.001	
10/4/2016	<0.001	
11/30/2016	<0.001	
2/7/2017	<0.001	
4/6/2017	<0.001	
6/20/2017	<0.001	
10/4/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	<0.001	
3/18/2020	0.00014 (J)	
9/9/2020	<0.001	
4/1/2021	<0.001	
8/12/2021	<0.001	
2/15/2022	<0.001	
8/26/2022	<0.001	
2/27/2023		<0.001
8/9/2023		<0.001
3/1/2024		<0.001
8/6/2024		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-3
5/11/2010	0.011 (O)	
6/17/2010	0.0027 (J)	
7/28/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	0.0038 (J)	
10/28/2011	<0.001	
5/3/2012	<0.001	
11/9/2012	0.0029 (J)	
5/10/2013	0.0061	
11/6/2013	0.0025 (J)	
5/22/2014	<0.001	
11/9/2014	<0.001	
5/22/2015	0.0034 (J)	
11/10/2015	0.0021 (J)	
4/12/2016	<0.001	
6/20/2016	<0.001	
8/12/2016	<0.001	
10/5/2016	<0.001	
11/30/2016	<0.001	
2/8/2017	<0.001	
4/6/2017	<0.001	
6/21/2017	<0.001	
10/5/2017	<0.001	
3/21/2018	<0.001	
10/3/2018	0.00037 (J)	
3/26/2019	<0.001	
9/10/2019	<0.001	
3/18/2020	<0.001	
9/10/2020	<0.001	
4/6/2021	<0.001	
8/12/2021	0.00014 (J)	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/28/2023		<0.001
8/9/2023		<0.001
3/4/2024		<0.001
8/7/2024		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
5/11/2010	<0.001	
6/17/2010	<0.001	
7/28/2010	<0.001	
9/8/2010	0.002 (J)	
4/28/2011	0.0042 (J)	
10/29/2011	0.0036 (J)	
5/3/2012	<0.001	
11/10/2012	0.0023 (J)	
5/10/2013	0.0062	
11/6/2013	0.0043 (J)	
5/22/2014	<0.001	
11/9/2014	<0.001	
5/22/2015	0.0046 (J)	
11/11/2015	0.0028 (J)	
4/12/2016	<0.001	
6/20/2016	<0.001	
8/12/2016	<0.001	
10/6/2016	<0.001	
11/30/2016	<0.001	
2/8/2017	<0.001	
4/6/2017	<0.001	
6/22/2017	<0.001	
10/6/2017	<0.001	
3/21/2018	<0.001	
10/3/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	<0.001	
3/19/2020	0.00019 (J)	
9/10/2020	<0.001	
4/2/2021	<0.001	
8/12/2021	<0.001	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/27/2023		<0.001
8/8/2023		<0.001
2/29/2024		<0.001
8/7/2024		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-7	GWC-7
5/10/2010	<0.001	
6/18/2010	0.0027 (J)	
7/28/2010	<0.001	
9/9/2010	0.002 (J)	
4/30/2011	0.0037 (J)	
10/29/2011	0.0025 (J)	
5/4/2012	<0.001	
11/10/2012	0.003 (J)	
5/9/2013	0.0064	
11/7/2013	0.0037 (J)	
5/21/2014	<0.001	
11/12/2014	<0.001	
5/24/2015	0.0053 (J)	
11/11/2015	0.0022 (J)	
4/13/2016	<0.001	
6/20/2016	<0.001	
8/15/2016	<0.001	
10/6/2016	<0.001	
12/1/2016	<0.001	
2/9/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/6/2017	<0.001	
3/22/2018	<0.001	
10/4/2018	<0.001	
3/27/2019	<0.001	
9/11/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	0.00017 (J)	
4/1/2021	<0.001	
8/11/2021	0.00014 (J)	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/27/2023		<0.001
8/8/2023		<0.001
2/29/2024		<0.001
8/6/2024		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-8A
5/10/2010	<0.001	
6/19/2010	<0.001	
7/28/2010	<0.001	
9/8/2010	0.0023 (J)	
4/30/2011	0.011 (O)	
10/27/2011	0.0055	
5/4/2012	0.0029 (J)	
11/11/2012	0.0052	
5/10/2013	0.023 (O)	
11/7/2013	0.0083	
5/21/2014	<0.001	
11/13/2014	0.0085	
5/23/2015	0.0077 (J)	
11/11/2015	0.008 (J)	
4/19/2016	<0.001	
10/10/2016	<0.001	
12/1/2016	0.00047 (J)	
2/9/2017	0.0012 (J)	
4/7/2017	<0.001	
6/21/2017	<0.001	
8/15/2017	<0.001	
9/1/2017	<0.001	
10/9/2017	<0.001	
3/22/2018	<0.001	
10/4/2018	<0.001	
3/27/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/5/2021	0.00034 (J)	
8/12/2021	<0.001	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/27/2023		<0.001
8/8/2023		<0.001
2/29/2024		0.00021 (J)
8/6/2024		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-10	GWC-10
5/10/2010	<0.001	
6/16/2010	0.002 (J)	
7/28/2010	<0.001	
9/8/2010	<0.001	
4/29/2011	0.003 (J)	
10/27/2011	0.0027 (J)	
5/4/2012	<0.001	
11/11/2012	0.0022 (J)	
5/9/2013	0.007	
11/5/2013	0.0048 (J)	
5/21/2014	<0.001	
11/12/2014	0.002 (J)	
5/23/2015	0.0035 (J)	
11/12/2015	0.0032 (J)	
4/13/2016	<0.001	
6/21/2016	<0.001	
8/15/2016	<0.001	
10/5/2016	<0.001	
12/1/2016	<0.001	
2/8/2017	<0.001	
4/6/2017	<0.001	
6/21/2017	<0.001	
10/5/2017	<0.001	
3/21/2018	<0.001	
10/2/2018	<0.001	
3/27/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/1/2021	<0.001	
8/17/2021	0.00044 (J)	
10/18/2021	<0.001	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/21/2023		<0.001
8/9/2023		<0.001
3/1/2024		<0.001
8/6/2024		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-11	GWC-11
5/10/2010	<0.001	
6/16/2010	<0.001	
7/27/2010	<0.001	
9/8/2010	<0.001	
4/29/2011	0.0032 (J)	
10/27/2011	0.0027 (J)	
5/4/2012	<0.001	
11/10/2012	0.0025 (J)	
5/9/2013	0.0051	
11/6/2013	0.0037 (J)	
5/20/2014	<0.001	
11/12/2014	<0.001	
5/24/2015	0.0037 (J)	
11/12/2015	0.0038 (J)	
4/13/2016	<0.001	
6/21/2016	<0.001	
8/15/2016	<0.001	
10/5/2016	<0.001	
12/1/2016	<0.001	
2/8/2017	<0.001	
4/6/2017	<0.001	
6/20/2017	<0.001	
10/5/2017	<0.001	
3/21/2018	<0.001	
10/2/2018	<0.001	
3/27/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	0.0017	
9/10/2020	0.00014 (J)	
4/1/2021	<0.001	
8/11/2021	<0.001	
2/16/2022	<0.001	
8/25/2022	<0.001	
2/27/2023		<0.001
8/9/2023		<0.001
2/29/2024		0.0012
8/6/2024		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-13
5/9/2010	<0.001	
6/18/2010	0.0021 (J)	
7/29/2010	<0.001	
9/9/2010	<0.001	
4/26/2011	<0.001	
10/28/2011	<0.001	
5/4/2012	<0.001	
11/11/2012	<0.001	
5/8/2013	0.0036 (J)	
11/7/2013	<0.001	
5/20/2014	<0.001	
11/12/2014	<0.001	
5/24/2015	<0.001	
11/12/2015	<0.001	
4/13/2016	<0.001	
6/21/2016	<0.001	
8/15/2016	<0.001	
10/7/2016	<0.001	
12/1/2016	<0.001	
2/9/2017	<0.001	
4/6/2017	<0.001	
6/22/2017	<0.001	
10/6/2017	0.00061 (J)	
3/22/2018	<0.001	
10/3/2018	<0.001	
3/26/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	<0.001	
9/10/2020	<0.001	
4/6/2021	<0.001	
8/11/2021	<0.001	
2/16/2022	<0.001	
8/26/2022	<0.001	
2/27/2023		<0.001
8/9/2023		<0.001
3/1/2024		<0.001
8/6/2024		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-19	GWC-19
5/11/2010	<0.001	
6/16/2010	0.0022 (J)	
7/27/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	0.0029 (J)	
10/28/2011	0.0021 (J)	
5/2/2012	<0.001	
11/9/2012	0.002 (J)	
5/9/2013	0.0056	
11/6/2013	0.0035 (J)	
5/22/2014	<0.001	
11/8/2014	<0.001	
5/22/2015	0.0047 (J)	
11/10/2015	0.0044 (J)	
4/11/2016	<0.001	
6/16/2016	<0.001	
8/11/2016	<0.001	
10/5/2016	<0.001	
11/29/2016	<0.001	
2/8/2017	<0.001	
4/5/2017	0.0009 (J)	
6/21/2017	<0.001	
10/5/2017	0.0015	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/9/2020	<0.001	
4/5/2021	0.00014 (J)	
8/11/2021	<0.001	
2/16/2022	<0.001	
8/25/2022	<0.001	
2/28/2023		<0.001
8/8/2023		<0.001
2/29/2024		<0.001
8/6/2024		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Mercury (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15	GWA-15
5/9/2010	<0.0002	
6/18/2010	<0.0002	
7/28/2010	<0.0002	
9/9/2010	<0.0002	
4/30/2011	<0.0002	
10/28/2011	<0.0002	
5/2/2012	<0.0002	
11/9/2012	<0.0002	
5/8/2013	7E-05 (J)	
11/5/2013	<0.0002	
5/20/2014	<0.0002	
11/12/2014	<0.0002	
5/22/2015	7.2E-05 (J)	
11/11/2015	<0.0002	
4/6/2016	<0.0002	
6/15/2016	<0.0002	
8/10/2016	9.3E-05 (J)	
10/4/2016	<0.0002	
11/30/2016	<0.0002	
2/7/2017	<0.0002	
4/4/2017	<0.0002	
6/20/2017	<0.0002	
10/4/2017	<0.0002	
3/20/2018	<0.0002	
10/2/2018	0.000138 (JD)	
3/26/2019	<0.0002	
9/10/2019	<0.0002	
3/18/2020	<0.0002	
9/9/2020	<0.0002	
4/1/2021	<0.0002	
8/11/2021	<0.0002	
2/15/2022	<0.0002	
8/25/2022	<0.0002	
2/28/2023		<0.0002
8/3/2023		<0.0002
3/4/2024		<0.0002
8/6/2024		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Mercury (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-16	GWA-16
5/9/2010	<0.0002	
6/16/2010	<0.0002	
7/27/2010	<0.0002	
9/7/2010	7.4E-05 (J)	
4/29/2011	<0.0002	
10/28/2011	<0.0002	
5/2/2012	<0.0002	
11/9/2012	<0.0002	
5/8/2013	8E-05 (J)	
11/6/2013	0.00014 (J)	
5/20/2014	<0.0002	
11/8/2014	<0.0002	
5/22/2015	<0.0002	
11/9/2015	<0.0002	
4/6/2016	<0.0002	
6/15/2016	<0.0002	
8/10/2016	<0.0002	
10/4/2016	<0.0002	
11/29/2016	<0.0002	
2/7/2017	<0.0002	
4/4/2017	<0.0002	
6/20/2017	<0.0002	
10/5/2017	<0.0002	
3/20/2018	<0.0002	
10/2/2018	0.00012 (J)	
3/26/2019	<0.0002	
9/10/2019	<0.0002	
3/18/2020	<0.0002	
9/9/2020	<0.0002	
4/1/2021	<0.0002	
8/11/2021	<0.0002	
2/15/2022	<0.0002	
8/25/2022	<0.0002	
2/28/2023		<0.0002
8/3/2023		<0.0002
2/28/2024		<0.0002
8/6/2024		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Mercury (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17	GWA-17
5/8/2010	<0.0002	
6/16/2010	<0.0002	
7/26/2010	<0.0002	
9/7/2010	7.8E-05 (J)	
4/29/2011	<0.0002	
10/28/2011	<0.0002	
5/2/2012	<0.0002	
11/9/2012	<0.0002	
5/8/2013	<0.0002	
11/6/2013	0.00011 (J)	
5/20/2014	<0.0002	
11/8/2014	<0.0002	
5/22/2015	7.1E-05 (J)	
11/9/2015	<0.0002	
4/6/2016	<0.0002	
6/15/2016	<0.0002	
8/10/2016	0.00011 (J)	
10/5/2016	<0.0002	
11/29/2016	<0.0002	
2/7/2017	<0.0002	
4/4/2017	<0.0002	
6/20/2017	<0.0002	
10/5/2017	<0.0002	
3/20/2018	0.00014 (J)	
10/2/2018	0.000139 (JD)	
3/26/2019	<0.0002	
9/10/2019	<0.0002	
3/18/2020	<0.0002	
9/9/2020	<0.0002	
4/1/2021	<0.0002	
8/11/2021	<0.0002	
2/15/2022	<0.0002	
8/24/2022	<0.0002	
2/28/2023		<0.0002
8/3/2023		<0.0002
2/28/2024		<0.0002
8/6/2024		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Mercury (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-1	GWC-1
5/11/2010	<0.0002	
6/17/2010	<0.0002	
7/27/2010	<0.0002	
9/9/2010	<0.0002	
4/28/2011	<0.0002	
10/29/2011	<0.0002	
5/3/2012	<0.0002	
11/9/2012	<0.0002	
5/9/2013	<0.0002	
11/5/2013	7.3E-05 (J)	
5/23/2014	<0.0002	
11/13/2014	<0.0002	
5/23/2015	<0.0002	
11/11/2015	<0.0002	
4/12/2016	<0.0002	
6/16/2016	<0.0002	
8/11/2016	0.0001 (J)	
10/4/2016	<0.0002	
11/30/2016	<0.0002	
2/7/2017	7E-05 (J)	
4/5/2017	<0.0002	
6/20/2017	<0.0002	
10/4/2017	<0.0002	
3/20/2018	0.00011 (J)	
10/2/2018	0.000136 (JD)	
3/26/2019	<0.0002	
9/10/2019	<0.0002	
3/18/2020	<0.0002	
9/9/2020	<0.0002	
4/1/2021	<0.0002	
8/18/2021	<0.0002	
2/15/2022	<0.0002	
8/24/2022	<0.0002	
2/27/2023		<0.0002
8/9/2023		<0.0002
3/1/2024		<0.0002
8/6/2024		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Mercury (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-2	GWC-2
5/11/2010	<0.0002	
6/19/2010	<0.0002	
7/27/2010	<0.0002	
9/9/2010	9.3E-05 (J)	
4/28/2011	<0.0002	
10/28/2011	<0.0002	
5/3/2012	<0.0002	
11/9/2012	<0.0002	
5/9/2013	<0.0002	
11/5/2013	0.00011 (J)	
5/22/2014	<0.0002	
11/13/2014	<0.0002	
5/24/2015	<0.0002	
11/11/2015	<0.0002	
4/12/2016	<0.0002	
6/16/2016	<0.0002	
8/11/2016	0.00012 (J)	
10/4/2016	<0.0002	
11/30/2016	<0.0002	
2/7/2017	<0.0002	
4/6/2017	<0.0002	
6/20/2017	<0.0002	
10/4/2017	<0.0002	
3/20/2018	0.00012 (J)	
10/2/2018	<0.0002	
3/26/2019	<0.0002	
9/10/2019	<0.0002	
3/18/2020	<0.0002	
9/9/2020	<0.0002	
4/1/2021	<0.0002	
8/12/2021	<0.0002	
2/15/2022	<0.0002	
8/26/2022	<0.0002	
2/27/2023		<0.0002
8/9/2023		<0.0002
3/1/2024		<0.0002
8/6/2024		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Mercury (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-3
5/11/2010	<0.0002	
6/17/2010	<0.0002	
7/28/2010	<0.0002	
9/7/2010	0.00012 (J)	
4/29/2011	<0.0002	
10/28/2011	<0.0002	
5/3/2012	<0.0002	
11/9/2012	<0.0002	
5/10/2013	0.00014 (J)	
11/6/2013	0.00014 (J)	
5/22/2014	<0.0002	
11/9/2014	<0.0002	
5/22/2015	<0.0002	
11/10/2015	<0.0002	
4/12/2016	<0.0002	
6/20/2016	<0.0002	
8/12/2016	<0.0002	
10/5/2016	<0.0002	
11/30/2016	<0.0002	
2/8/2017	<0.0002	
4/6/2017	<0.0002	
6/21/2017	<0.0002	
10/5/2017	<0.0002	
3/21/2018	<0.0002	
10/3/2018	0.000139 (JD)	
3/26/2019	<0.0002	
9/10/2019	<0.0002	
3/18/2020	<0.0002	
9/10/2020	<0.0002	
4/6/2021	<0.0002	
8/12/2021	<0.0002	
2/15/2022	<0.0002	
8/25/2022	<0.0002	
2/28/2023		<0.0002
8/9/2023		<0.0002
3/4/2024		<0.0002
8/7/2024		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Mercury (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
5/11/2010	<0.0002	
6/17/2010	<0.0002	
7/28/2010	<0.0002	
9/8/2010	<0.0002	
4/28/2011	<0.0002	
10/29/2011	<0.0002	
5/3/2012	<0.0002	
11/10/2012	<0.0002	
5/10/2013	0.00012	
11/6/2013	<0.0002	
5/22/2014	<0.0002	
11/9/2014	<0.0002	
5/22/2015	<0.0002	
11/11/2015	<0.0002	
4/12/2016	<0.0002	
6/20/2016	<0.0002	
8/12/2016	<0.0002	
10/6/2016	<0.0002	
11/30/2016	<0.0002	
2/8/2017	<0.0002	
4/6/2017	<0.0002	
6/22/2017	<0.0002	
10/6/2017	<0.0002	
3/21/2018	0.00012 (J)	
10/3/2018	0.00014 (JD)	
3/26/2019	<0.0002	
9/10/2019	<0.0002	
3/19/2020	<0.0002	
9/10/2020	<0.0002	
4/2/2021	<0.0002	
8/12/2021	<0.0002	
2/15/2022	<0.0002	
8/25/2022	<0.0002	
2/27/2023		<0.0002
8/8/2023		<0.0002
2/29/2024		<0.0002
8/7/2024		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Mercury (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-5	GWC-5
5/11/2010	<0.0002	
6/18/2010	<0.0002	
7/27/2010	<0.0002	
9/9/2010	<0.0002	
4/29/2011	<0.0002	
10/28/2011	<0.0002	
5/4/2012	<0.0002	
11/10/2012	<0.0002	
5/9/2013	0.00016 (J)	
11/6/2013	<0.0002	
5/22/2014	<0.0002	
11/9/2014	<0.0002	
5/24/2015	<0.0002	
11/11/2015	<0.0002	
4/19/2016	<0.0002	
6/22/2016	<0.0002	
8/16/2016	<0.0002	
10/6/2016	<0.0002	
12/1/2016	<0.0002	
2/9/2017	<0.0002	
4/6/2017	<0.0002	
6/21/2017	<0.0002	
10/5/2017	<0.0002	
3/22/2018	9.5E-05 (J)	
10/3/2018	0.0001405 (JD)	
3/27/2019	<0.0002	
9/11/2019	<0.0002	
3/18/2020	<0.0002	
9/9/2020	<0.0002	
4/1/2021	<0.0002	
8/12/2021	<0.0002	
2/15/2022	<0.0002	
8/25/2022	<0.0002	
2/28/2023		<0.0002
8/8/2023		<0.0002
2/29/2024		<0.0002
8/6/2024		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Mercury (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-6	GWC-6
5/11/2010	<0.0002	
6/18/2010	<0.0002	
7/27/2010	<0.0002	
9/9/2010	0.00017 (J)	
4/30/2011	<0.0002	
10/29/2011	<0.0002	
5/4/2012	<0.0002	
11/10/2012	<0.0002	
5/9/2013	0.00014 (J)	
11/7/2013	0.00011 (J)	
5/21/2014	<0.0002	
11/9/2014	<0.0002	
5/24/2015	<0.0002	
11/11/2015	<0.0002	
4/12/2016	<0.0002	
6/20/2016	<0.0002	
8/12/2016	<0.0002	
10/6/2016	<0.0002	
11/30/2016	<0.0002	
2/9/2017	<0.0002	
4/6/2017	<0.0002	
6/21/2017	<0.0002	
10/6/2017	<0.0002	
3/21/2018	0.00011 (J)	
10/3/2018	0.0001385 (JD)	
3/26/2019	<0.0002	
9/11/2019	<0.0002	
3/18/2020	<0.0002	
9/10/2020	<0.0002	
6/2/2021	<0.0002	
8/11/2021	<0.0002	
2/15/2022	<0.0002	
8/25/2022	<0.0002	
2/27/2023		<0.0002
8/8/2023		<0.0002
2/29/2024		<0.0002
8/7/2024		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Mercury (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-7	GWC-7
5/10/2010	<0.0002	
6/18/2010	<0.0002	
7/28/2010	<0.0002	
9/9/2010	<0.0002	
4/30/2011	<0.0002	
10/29/2011	7E-05 (J)	
5/4/2012	<0.0002	
11/10/2012	<0.0002	
5/9/2013	<0.0002	
11/7/2013	0.00016 (J)	
5/21/2014	<0.0002	
11/12/2014	<0.0002	
5/24/2015	<0.0002	
11/11/2015	<0.0002	
4/13/2016	<0.0002	
6/20/2016	<0.0002	
8/15/2016	<0.0002	
10/6/2016	<0.0002	
12/1/2016	<0.0002	
2/9/2017	<0.0002	
4/7/2017	<0.0002	
6/22/2017	<0.0002	
10/6/2017	<0.0002	
3/22/2018	9.9E-05 (J)	
10/4/2018	0.0001445 (JD)	
3/27/2019	<0.0002	
9/11/2019	<0.0002	
3/19/2020	0.00011 (J)	
9/10/2020	<0.0002	
4/1/2021	<0.0002	
8/11/2021	<0.0002	
2/15/2022	<0.0002	
8/25/2022	<0.0002	
2/27/2023		<0.0002
8/8/2023		<0.0002
2/29/2024		<0.0002
8/6/2024		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Mercury (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-8A
5/10/2010	<0.0002	
6/19/2010	<0.0002	
7/28/2010	<0.0002	
9/8/2010	0.00011 (J)	
4/30/2011	<0.0002	
10/27/2011	<0.0002	
5/4/2012	<0.0002	
11/11/2012	<0.0002	
5/10/2013	0.00014 (J)	
11/7/2013	0.00019 (J)	
5/21/2014	<0.0002	
11/13/2014	<0.0002	
5/23/2015	<0.0002	
11/11/2015	<0.0002	
4/19/2016	<0.0002	
10/10/2016	0.00011 (J)	
12/1/2016	<0.0002	
2/9/2017	<0.0002	
4/7/2017	<0.0002	
6/21/2017	<0.0002	
8/15/2017	<0.0002	
9/1/2017	<0.0002	
10/9/2017	8.9E-05 (J)	
3/22/2018	9.7E-05 (J)	
10/4/2018	<0.0002	
3/27/2019	<0.0002	
9/11/2019	<0.0002	
3/18/2020	<0.0002	
9/9/2020	<0.0002	
6/1/2021	<0.0002	
8/12/2021	<0.0002	
2/15/2022	<0.0002	
8/25/2022	<0.0002	
2/27/2023		<0.0002
8/8/2023		<0.0002
2/29/2024		<0.0002
8/6/2024		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Mercury (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-9	GWC-9
5/10/2010	<0.0002	
6/16/2010	<0.0002	
7/27/2010	<0.0002	
9/8/2010	<0.0002	
4/29/2011	<0.0002	
10/27/2011	<0.0002	
5/3/2012	<0.0002	
11/11/2012	<0.0002	
5/9/2013	<0.0002	
11/6/2013	8.8E-05 (J)	
5/21/2014	<0.0002	
11/12/2014	<0.0002	
5/23/2015	<0.0002	
11/12/2015	<0.0002	
4/13/2016	<0.0002	
6/22/2016	<0.0002	
8/15/2016	<0.0002	
10/6/2016	<0.0002	
12/1/2016	<0.0002	
2/8/2017	<0.0002	
4/6/2017	<0.0002	
6/21/2017	<0.0002	
10/5/2017	<0.0002	
3/21/2018	<0.0002	
10/2/2018	0.0001405 (JD)	
3/27/2019	<0.0002	
9/11/2019	<0.0002	
3/18/2020	<0.0002	
9/9/2020	<0.0002	
4/1/2021	<0.0002	
8/12/2021	<0.0002	
2/15/2022	<0.0002	
8/25/2022	<0.0002	
2/27/2023		<0.0002
8/8/2023		<0.0002
3/1/2024		<0.0002
8/6/2024		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Mercury (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-10	GWC-10
5/10/2010	<0.0002	
6/16/2010	<0.0002	
7/28/2010	<0.0002	
9/8/2010	8.8E-05 (J)	
4/29/2011	<0.0002	
10/27/2011	<0.0002	
5/4/2012	<0.0002	
11/11/2012	<0.0002	
5/9/2013	<0.0002	
11/5/2013	0.00011 (J)	
5/21/2014	<0.0002	
11/12/2014	<0.0002	
5/23/2015	<0.0002	
11/12/2015	<0.0002	
4/13/2016	<0.0002	
6/21/2016	<0.0002	
8/15/2016	<0.0002	
10/5/2016	<0.0002	
12/1/2016	<0.0002	
2/8/2017	7.6E-05 (J)	
4/6/2017	<0.0002	
6/21/2017	<0.0002	
10/5/2017	<0.0002	
3/21/2018	<0.0002	
10/2/2018	0.000141 (JD)	
3/27/2019	<0.0002	
9/11/2019	<0.0002	
3/18/2020	<0.0002	
9/9/2020	<0.0002	
4/1/2021	<0.0002	
8/17/2021	<0.0002	
2/15/2022	<0.0002	
8/25/2022	<0.0002	
2/21/2023		<0.0002
8/9/2023		<0.0002
3/1/2024		<0.0002
8/6/2024		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Mercury (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-11	GWC-11
5/10/2010	<0.0002	
6/16/2010	<0.0002	
7/27/2010	<0.0002	
9/8/2010	<0.0002	
4/29/2011	<0.0002	
10/27/2011	<0.0002	
5/4/2012	<0.0002	
11/10/2012	<0.0002	
5/9/2013	0.00019 (J)	
11/6/2013	0.00014 (J)	
5/20/2014	<0.0002	
11/12/2014	<0.0002	
5/24/2015	<0.0002	
11/12/2015	<0.0002	
4/13/2016	<0.0002	
6/21/2016	<0.0002	
8/15/2016	<0.0002	
10/5/2016	<0.0002	
12/1/2016	<0.0002	
2/8/2017	<0.0002	
4/6/2017	<0.0002	
6/20/2017	<0.0002	
10/5/2017	<0.0002	
3/21/2018	<0.0002	
10/2/2018	0.000142 (JD)	
3/27/2019	<0.0002	
9/11/2019	<0.0002	
3/18/2020	<0.0002	
9/10/2020	<0.0002	
4/1/2021	<0.0002	
8/11/2021	<0.0002	
2/16/2022	<0.0002	
8/25/2022	<0.0002	
2/27/2023		<0.0002
8/9/2023		<0.0002
2/29/2024		<0.0002
8/6/2024		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Mercury (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-12	GWC-12
5/9/2010	<0.0002	
6/18/2010	<0.0002	
7/27/2010	<0.0002	
9/8/2010	<0.0002	
4/29/2011	<0.0002	
10/28/2011	<0.0002	
5/3/2012	<0.0002	
11/10/2012	<0.0002	
5/9/2013	<0.0002	
11/6/2013	<0.0002	
5/20/2014	<0.0002	
11/12/2014	<0.0002	
5/23/2015	<0.0002	
11/12/2015	<0.0002	
4/13/2016	<0.0002	
6/21/2016	<0.0002	
8/15/2016	<0.0002	
10/5/2016	<0.0002	
12/1/2016	<0.0002	
2/8/2017	<0.0002	
4/5/2017	<0.0002	
6/20/2017	<0.0002	
10/5/2017	<0.0002	
3/21/2018	<0.0002	
10/2/2018	0.000138 (JD)	
3/26/2019	<0.0002	
9/11/2019	<0.0002	
3/18/2020	<0.0002	
9/10/2020	<0.0002	
4/1/2021	<0.0002	
8/11/2021	<0.0002	
2/16/2022	<0.0002	
8/26/2022	<0.0002	
2/27/2023		<0.0002
8/9/2023		<0.0002
2/29/2024		<0.0002
8/6/2024		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Mercury (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-13
5/9/2010	8.2E-05 (J)	
6/18/2010	<0.0002	
7/29/2010	<0.0002	
9/9/2010	<0.0002	
4/26/2011	<0.0002	
10/28/2011	<0.0002	
5/4/2012	<0.0002	
11/11/2012	<0.0002	
5/8/2013	<0.0002	
11/7/2013	0.0001 (J)	
5/20/2014	<0.0002	
11/12/2014	<0.0002	
5/24/2015	<0.0002	
11/12/2015	<0.0002	
4/13/2016	<0.0002	
6/21/2016	<0.0002	
8/15/2016	<0.0002	
10/7/2016	0.00011 (J)	
12/1/2016	<0.0002	
2/9/2017	<0.0002	
4/6/2017	<0.0002	
6/22/2017	<0.0002	
10/6/2017	<0.0002	
3/22/2018	0.00012 (J)	
10/3/2018	0.0001425 (JD)	
3/26/2019	<0.0002	
9/11/2019	<0.0002	
3/18/2020	<0.0002	
9/10/2020	<0.0002	
4/6/2021	<0.0002	
8/11/2021	<0.0002	
2/16/2022	<0.0002	
8/26/2022	<0.0002	
2/27/2023		<0.0002
8/9/2023		<0.0002
3/1/2024		<0.0002
8/6/2024		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Mercury (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-14	GWC-14
5/9/2010	9.1E-05 (J)	
6/18/2010	<0.0002	
7/28/2010	<0.0002	
9/9/2010	<0.0002	
4/30/2011	<0.0002	
10/28/2011	<0.0002	
5/3/2012	<0.0002	
11/10/2012	<0.0002	
5/8/2013	<0.0002	
11/5/2013	0.00016 (J)	
5/20/2014	<0.0002	
11/12/2014	<0.0002	
5/24/2015	<0.0002	
11/11/2015	<0.0002	
4/13/2016	<0.0002	
6/21/2016	<0.0002	
8/15/2016	<0.0002	
10/4/2016	<0.0002	
12/1/2016	<0.0002	
2/7/2017	<0.0002	
4/6/2017	<0.0002	
6/20/2017	<0.0002	
10/5/2017	<0.0002	
3/20/2018	<0.0002	
10/2/2018	0.000143 (JD)	
3/26/2019	<0.0002	
9/11/2019	<0.0002	
3/18/2020	<0.0002	
9/9/2020	<0.0002	
4/1/2021	<0.0002	
8/11/2021	<0.0002	
2/16/2022	<0.0002	
8/26/2022	<0.0002	
2/27/2023		<0.0002
8/9/2023		<0.0002
3/1/2024		<0.0002
8/8/2024		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Mercury (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-18	GWC-18
5/10/2010	<0.0002	
6/16/2010	<0.0002	
7/26/2010	<0.0002	
9/7/2010	<0.0002	
4/29/2011	<0.0002	
10/28/2011	<0.0002	
5/2/2012	<0.0002	
11/9/2012	<0.0002	
5/8/2013	<0.0002	
11/6/2013	<0.0002	
5/23/2014	<0.0002	
11/8/2014	<0.0002	
5/22/2015	<0.0002	
11/10/2015	<0.0002	
4/11/2016	<0.0002	
6/16/2016	<0.0002	
8/11/2016	9.8E-05 (J)	
10/5/2016	<0.0002	
11/29/2016	<0.0002	
2/8/2017	8.9E-05 (J)	
4/6/2017	<0.0002	
6/21/2017	<0.0002	
10/5/2017	<0.0002	
3/20/2018	<0.0002	
10/2/2018	0.0001385 (JD)	
3/26/2019	<0.0002	
9/11/2019	<0.0002	
3/18/2020	<0.0002	
9/9/2020	<0.0002	
4/1/2021	<0.0002	
8/11/2021	<0.0002	
2/16/2022	<0.0002	
8/25/2022	<0.0002	
2/28/2023		<0.0002
8/9/2023		<0.0002
2/29/2024		<0.0002
8/6/2024		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Mercury (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-19	GWC-19
5/11/2010	<0.0002	
6/16/2010	<0.0002	
7/27/2010	<0.0002	
9/7/2010	0.00011 (J)	
4/29/2011	<0.0002	
10/28/2011	<0.0002	
5/2/2012	<0.0002	
11/9/2012	<0.0002	
5/9/2013	<0.0002	
11/6/2013	<0.0002	
5/22/2014	<0.0002	
11/8/2014	<0.0002	
5/22/2015	<0.0002	
11/10/2015	<0.0002	
4/11/2016	<0.0002	
6/16/2016	<0.0002	
8/11/2016	9.5E-05 (J)	
10/5/2016	<0.0002	
11/29/2016	<0.0002	
2/8/2017	7.6E-05 (J)	
4/5/2017	<0.0002	
6/21/2017	<0.0002	
10/5/2017	<0.0002	
3/20/2018	0.0002	
10/2/2018	0.0001405 (JD)	
3/26/2019	<0.0002	
9/12/2019	<0.0002	
3/19/2020	<0.0002	
9/9/2020	<0.0002	
6/1/2021	<0.0002	
8/11/2021	<0.0002	
2/16/2022	<0.0002	
8/25/2022	<0.0002	
2/28/2023		<0.0002
8/8/2023		<0.0002
2/29/2024		<0.0002
8/6/2024		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Mercury (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-20	GWC-20
5/11/2010	8.5E-05 (J)	
6/17/2010	<0.0002	
7/27/2010	<0.0002	
9/7/2010	0.0001 (J)	
4/29/2011	<0.0002	
10/28/2011	<0.0002	
5/3/2012	<0.0002	
11/10/2012	<0.0002	
5/9/2013	<0.0002	
11/6/2013	<0.0002	
5/22/2014	<0.0002	
11/9/2014	<0.0002	
5/22/2015	<0.0002	
11/10/2015	<0.0002	
4/12/2016	<0.0002	
6/16/2016	<0.0002	
8/11/2016	0.00012 (J)	
10/5/2016	<0.0002	
11/30/2016	<0.0002	
2/8/2017	7.5E-05 (J)	
4/6/2017	<0.0002	
6/21/2017	<0.0002	
10/5/2017	<0.0002	
3/21/2018	<0.0002	
10/3/2018	0.0001415 (JD)	
3/26/2019	<0.0002	
9/12/2019	<0.0002	
3/19/2020	<0.0002	
9/10/2020	<0.0002	
6/1/2021	<0.0002	
8/11/2021	<0.0002	
2/16/2022	0.00015 (J)	
8/25/2022	<0.0002	
2/28/2023		<0.0002
8/8/2023		<0.0002
3/1/2024		<0.0002
8/6/2024		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15	GWA-15
5/9/2010	<0.001	
6/18/2010	<0.001	
7/28/2010	<0.001	
9/9/2010	<0.001	
4/30/2011	<0.001	
10/28/2011	<0.001	
5/2/2012	<0.001	
11/9/2012	<0.001	
5/8/2013	<0.001	
11/5/2013	<0.001	
5/20/2014	<0.001	
11/12/2014	<0.001	
5/22/2015	<0.001	
11/11/2015	<0.001	
4/6/2016	0.00202 (J)	
10/4/2016	<0.001	
4/4/2017	<0.001	
10/4/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	0.00081 (J)	
3/18/2020	0.00043 (J)	
9/9/2020	0.00069 (J)	
4/1/2021	0.00049 (J)	
8/11/2021	0.00051 (J)	
2/15/2022	0.00065 (J)	
8/25/2022	0.001	
2/28/2023		0.00057 (J)
8/3/2023		0.00099 (J)
3/4/2024		<0.001
8/6/2024		0.00085 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-16	GWA-16
5/9/2010	<0.001	
6/16/2010	<0.001	
7/27/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	<0.001	
10/28/2011	<0.001	
5/2/2012	<0.001	
11/9/2012	<0.001	
5/8/2013	<0.001	
11/6/2013	<0.001	
5/20/2014	<0.001	
11/8/2014	<0.001	
5/22/2015	<0.001	
11/9/2015	<0.001	
4/6/2016	<0.001	
10/4/2016	<0.001	
4/4/2017	<0.001	
10/5/2017	<0.001	
3/20/2018	0.04 (O)	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	0.00037 (J)	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/1/2021	<0.001	
8/11/2021	<0.001	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/28/2023		<0.001
8/3/2023		<0.001
2/28/2024		<0.001
8/6/2024		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17	GWA-17
5/8/2010	<0.001	
6/16/2010	<0.001	
7/26/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	<0.001	
10/28/2011	<0.001	
5/2/2012	<0.001	
11/9/2012	<0.001	
5/8/2013	<0.001	
11/6/2013	<0.001	
5/20/2014	<0.001	
11/8/2014	<0.001	
5/22/2015	<0.001	
11/9/2015	<0.001	
4/6/2016	<0.001	
10/5/2016	<0.001	
4/4/2017	<0.001	
10/5/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	0.0012	
3/18/2020	<0.001	
9/9/2020	0.00048 (J)	
4/1/2021	0.0004 (J)	
8/11/2021	<0.001	
2/15/2022	<0.001	
8/24/2022	0.00082 (J)	
2/28/2023		<0.001
8/3/2023		<0.001
2/28/2024		<0.001
8/6/2024		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-1	GWC-1
5/11/2010	<0.0025	
6/17/2010	<0.0025	
7/27/2010	<0.0025	
9/9/2010	<0.0025	
4/28/2011	0.0086 (O)	
10/29/2011	<0.0025	
5/3/2012	<0.0025	
11/9/2012	<0.0025	
5/9/2013	<0.0025	
11/5/2013	<0.0025	
5/23/2014	<0.0025	
11/13/2014	<0.0025	
5/23/2015	<0.0025	
11/11/2015	<0.0025	
4/12/2016	<0.0025	
10/4/2016	<0.0025	
4/5/2017	<0.0025	
10/4/2017	<0.0025	
3/20/2018	<0.0025	
10/2/2018	<0.0025	
3/26/2019	<0.0025	
9/10/2019	0.00065 (J)	
3/18/2020	0.00056 (J)	
9/9/2020	0.00047 (J)	
4/1/2021	0.00073 (J)	
8/18/2021	0.0017	
2/15/2022	0.00052 (J)	
8/24/2022	0.00086 (J)	
2/27/2023		0.0013
8/9/2023		0.0071
10/4/2023		0.00085 (J)
3/1/2024		0.00096 (J)
8/6/2024		0.00059 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-2	GWC-2
5/11/2010	0.0033 (JO)	
6/19/2010	<0.0025	
7/27/2010	<0.0025	
9/9/2010	<0.0025	
4/28/2011	<0.0025	
10/28/2011	<0.0025	
5/3/2012	<0.0025	
11/9/2012	<0.0025	
5/9/2013	<0.0025	
11/5/2013	<0.0025	
5/22/2014	<0.0025	
11/13/2014	<0.0025	
5/24/2015	<0.0025	
11/11/2015	<0.0025	
4/12/2016	0.00206 (J)	
10/4/2016	0.0023 (J)	
4/6/2017	<0.0025	
10/4/2017	0.0021 (J)	
3/20/2018	<0.0025	
10/2/2018	<0.0025	
3/26/2019	<0.0025	
9/10/2019	0.0022	
3/18/2020	0.0016	
9/9/2020	0.0016	
4/1/2021	0.0022	
8/12/2021	0.0028	
2/15/2022	0.0018	
8/26/2022	0.002	
2/27/2023		0.0038
8/9/2023		0.0017
3/1/2024		0.0018
8/6/2024		0.0029
11/7/2024		0.002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-3
5/11/2010	<0.0025	
6/17/2010	<0.0025	
7/28/2010	0.019 (O)	
9/7/2010	0.0093 (O)	
4/29/2011	<0.0025	
10/28/2011	<0.0025	
5/3/2012	<0.0025	
11/9/2012	0.0035 (J)	
5/10/2013	0.0081 (O)	
11/6/2013	<0.0025	
5/22/2014	<0.0025	
11/9/2014	<0.0025	
5/22/2015	<0.0025	
11/10/2015	<0.0025	
4/12/2016	<0.0025	
10/5/2016	<0.0025	
4/6/2017	<0.0025	
10/5/2017	<0.0025	
3/21/2018	0.0022 (J)	
10/3/2018	0.0018 (J)	
3/26/2019	<0.0025	
9/10/2019	0.0016	
3/18/2020	0.00091 (J)	
9/10/2020	0.0014	
4/6/2021	0.0018	
8/12/2021	0.0029	
2/15/2022	0.0013	
8/25/2022	0.0024	
2/28/2023		0.0011
8/9/2023		0.00078 (J)
3/4/2024		0.0014
8/7/2024		0.0016

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
5/11/2010	<0.0025	
6/17/2010	<0.0025	
7/28/2010	<0.0025	
9/8/2010	<0.0025	
4/28/2011	<0.0025	
10/29/2011	<0.0025	
5/3/2012	<0.0025	
11/10/2012	<0.0025	
5/10/2013	<0.0025	
11/6/2013	<0.0025	
5/22/2014	<0.0025	
11/9/2014	<0.0025	
5/22/2015	<0.0025	
11/11/2015	<0.0025	
4/12/2016	<0.0025	
10/6/2016	0.0021 (J)	
4/6/2017	<0.0025	
10/6/2017	<0.0025	
3/21/2018	<0.0025	
10/3/2018	<0.0025	
3/26/2019	0.0036	
9/10/2019	0.00079 (J)	
3/19/2020	0.00073 (J)	
9/10/2020	0.0013	
4/2/2021	0.0012	
8/12/2021	0.00076 (J)	
2/15/2022	0.00076 (J)	
8/25/2022	0.0015	
2/27/2023		0.0012
8/8/2023		0.001
2/29/2024		0.0015
8/7/2024		0.0013

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-5	GWC-5
5/11/2010	<0.001	
6/18/2010	<0.001	
7/27/2010	<0.001	
9/9/2010	<0.001	
4/29/2011	<0.001	
10/28/2011	<0.001	
5/4/2012	<0.001	
11/10/2012	<0.001	
5/9/2013	<0.001	
11/6/2013	<0.001	
5/22/2014	<0.001	
11/9/2014	<0.001	
5/24/2015	0.006 (O)	
11/11/2015	<0.001	
4/19/2016	0.00268 (J)	
10/6/2016	<0.001	
4/6/2017	0.0018 (J)	
10/5/2017	<0.001	
3/22/2018	0.0019 (J)	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/11/2019	0.0007 (J)	
3/18/2020	0.00068 (J)	
9/9/2020	0.00039 (J)	
4/1/2021	0.00042 (J)	
8/12/2021	0.00061 (J)	
2/15/2022	0.001	
8/25/2022	0.00071 (J)	
2/28/2023		<0.001
8/8/2023		<0.001
2/29/2024		0.00049 (J)
8/6/2024		0.00046 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-6	GWC-6
5/11/2010	0.0034 (J)	
6/18/2010	0.0046 (J)	
7/27/2010	<0.0025	
9/9/2010	<0.0025	
4/30/2011	<0.0025	
10/29/2011	<0.0025	
5/4/2012	<0.0025	
11/10/2012	0.0053	
5/9/2013	<0.0025	
11/7/2013	<0.0025	
5/21/2014	<0.0025	
11/9/2014	<0.0025	
5/24/2015	0.0047 (J)	
11/11/2015	<0.0025	
4/12/2016	<0.0025	
10/6/2016	<0.0025	
4/6/2017	<0.0025	
10/6/2017	<0.0025	
3/21/2018	<0.0025	
10/3/2018	<0.0025	
3/26/2019	<0.0025	
9/11/2019	0.00099 (J)	
3/18/2020	0.00062 (J)	
9/10/2020	0.0009 (J)	
4/5/2021	0.00088 (J)	
8/11/2021	0.00074 (J)	
2/15/2022	0.00089 (J)	
8/25/2022	0.0013	
2/27/2023		0.0008 (J)
8/8/2023		0.00075 (J)
2/29/2024		0.00098 (J)
8/7/2024		0.00083 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-7	GWC-7
5/10/2010	<0.001	
6/18/2010	<0.001	
7/28/2010	<0.001	
9/9/2010	<0.001	
4/30/2011	<0.001	
10/29/2011	<0.001	
5/4/2012	<0.001	
11/10/2012	<0.001	
5/9/2013	<0.001	
11/7/2013	<0.001	
5/21/2014	<0.001	
11/12/2014	<0.001	
5/24/2015	0.0044 (J)	
11/11/2015	<0.001	
4/13/2016	<0.001	
10/6/2016	<0.001	
4/7/2017	<0.001	
10/6/2017	<0.001	
3/22/2018	<0.001	
10/4/2018	<0.001	
3/27/2019	<0.001	
9/11/2019	0.00046 (J)	
3/19/2020	<0.001	
9/10/2020	0.0007 (J)	
4/1/2021	0.00036 (J)	
8/11/2021	<0.001	
2/15/2022	<0.001	
8/25/2022	0.0015	
2/27/2023	0.01 (o)	
5/2/2023		<0.001
8/8/2023		<0.001
2/29/2024		<0.001
8/6/2024		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-8A
5/10/2010	<0.0025	
6/19/2010	<0.0025	
7/28/2010	<0.0025	
9/8/2010	<0.0025	
4/30/2011	0.008	
10/27/2011	0.0044 (J)	
5/4/2012	0.0032 (J)	
11/11/2012	0.0069	
5/10/2013	0.0093	
11/7/2013	0.0033 (J)	
5/21/2014	<0.0025	
11/13/2014	0.0049 (J)	
5/23/2015	0.003 (J)	
11/11/2015	<0.0025	
4/19/2016	0.00247 (J)	
10/10/2016	<0.0025	
4/7/2017	0.0022 (J)	
10/9/2017	<0.0025	
3/22/2018	<0.0025	
10/4/2018	<0.0025	
3/27/2019	<0.0025	
9/11/2019	0.0013	
3/18/2020	0.0044	
9/9/2020	0.0036	
4/5/2021	0.0058	
8/12/2021	0.0035	
2/15/2022	0.0055	
8/25/2022	0.0053	
2/27/2023		0.007
5/2/2023		0.0062
8/8/2023		0.0087
10/4/2023		0.0052
2/29/2024		0.0055
8/6/2024		0.0046

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-9	GWC-9
5/10/2010	<0.001	
6/16/2010	<0.001	
7/27/2010	<0.001	
9/8/2010	<0.001	
4/29/2011	<0.001	
10/27/2011	<0.001	
5/3/2012	<0.001	
11/11/2012	<0.001	
5/9/2013	<0.001	
11/6/2013	<0.001	
5/21/2014	<0.001	
11/12/2014	<0.001	
5/23/2015	<0.001	
11/12/2015	<0.001	
4/13/2016	<0.001	
10/6/2016	<0.001	
4/6/2017	<0.001	
10/5/2017	<0.001	
3/21/2018	<0.001	
10/2/2018	<0.001	
3/27/2019	<0.001	
9/11/2019	0.00063 (J)	
3/18/2020	<0.001	
9/9/2020	0.00046 (J)	
4/1/2021	0.00058 (J)	
8/12/2021	0.00045 (J)	
2/15/2022	<0.001	
8/25/2022	0.0042 (o)	
12/28/2022	0.00068 (J)	
2/27/2023		0.00091 (J)
8/8/2023		0.00066 (J)
3/1/2024		0.00086 (J)
8/6/2024		0.00042 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-10	GWC-10
5/10/2010	<0.0025	
6/16/2010	<0.0025	
7/28/2010	<0.0025	
9/8/2010	<0.0025	
4/29/2011	<0.0025	
10/27/2011	<0.0025	
5/4/2012	<0.0025	
11/11/2012	<0.0025	
5/9/2013	<0.0025	
11/5/2013	<0.0025	
5/21/2014	<0.0025	
11/12/2014	<0.0025	
5/23/2015	<0.0025	
11/12/2015	<0.0025	
4/13/2016	0.00271 (J)	
10/5/2016	<0.0025	
4/6/2017	<0.0025	
10/5/2017	<0.0025	
3/21/2018	<0.0025	
10/2/2018	0.0018 (J)	
3/27/2019	<0.0025	
9/11/2019	0.0016	
3/18/2020	0.0016	
9/9/2020	0.0021	
4/1/2021	0.0012	
8/17/2021	0.0094 (o)	
10/18/2021	0.002	
2/15/2022	0.0022	
8/25/2022	0.003	
12/28/2022	0.0017	
2/21/2023		0.0031
8/9/2023		0.0026
3/1/2024		0.0048
5/20/2024		0.0016
8/6/2024		0.0025

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-11	GWC-11
5/10/2010	<0.0025	
6/16/2010	<0.0025	
7/27/2010	<0.0025	
9/8/2010	<0.0025	
4/29/2011	<0.0025	
10/27/2011	<0.0025	
5/4/2012	<0.0025	
11/10/2012	<0.0025	
5/9/2013	<0.0025	
11/6/2013	<0.0025	
5/20/2014	<0.0025	
11/12/2014	<0.0025	
5/24/2015	<0.0025	
11/12/2015	<0.0025	
4/13/2016	<0.0025	
10/5/2016	<0.0025	
4/6/2017	<0.0025	
10/5/2017	<0.0025	
3/21/2018	<0.0025	
10/2/2018	<0.0025	
3/27/2019	<0.0025	
9/11/2019	0.00066 (J)	
3/18/2020	0.0005 (J)	
9/10/2020	0.0012	
4/1/2021	0.00065 (J)	
8/11/2021	0.0006 (J)	
2/16/2022	0.0007 (J)	
8/25/2022	0.00081 (J)	
2/27/2023		0.00085 (J)
8/9/2023		0.00068 (J)
2/29/2024		0.00099 (J)
8/6/2024		0.00086 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-12	GWC-12
5/9/2010	<0.0025	
6/18/2010	<0.0025	
7/27/2010	<0.0025	
9/8/2010	<0.0025	
4/29/2011	<0.0025	
10/28/2011	<0.0025	
5/3/2012	<0.0025	
11/10/2012	<0.0025	
5/9/2013	<0.0025	
11/6/2013	<0.0025	
5/20/2014	<0.0025	
11/12/2014	<0.0025	
5/23/2015	<0.0025	
11/12/2015	<0.0025	
4/13/2016	<0.0025	
10/5/2016	<0.0025	
4/5/2017	<0.0025	
10/5/2017	<0.0025	
3/21/2018	<0.0025	
10/2/2018	<0.0025	
3/26/2019	<0.0025	
9/11/2019	0.00084 (J)	
3/18/2020	0.0006 (J)	
9/10/2020	0.00088 (J)	
4/1/2021	0.00065 (J)	
8/11/2021	0.0008 (J)	
2/16/2022	0.00076 (J)	
8/26/2022	0.00096 (J)	
2/27/2023		0.0011
8/9/2023		0.00094 (J)
2/29/2024		0.00092 (J)
8/6/2024		0.0009 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-13
5/9/2010	<0.001	
6/18/2010	<0.001	
7/29/2010	<0.001	
9/9/2010	<0.001	
4/26/2011	<0.001	
10/28/2011	<0.001	
5/4/2012	<0.001	
11/11/2012	<0.001	
5/8/2013	<0.001	
11/7/2013	<0.001	
5/20/2014	<0.001	
11/12/2014	<0.001	
5/24/2015	<0.001	
11/12/2015	<0.001	
4/13/2016	<0.001	
10/7/2016	<0.001	
4/6/2017	<0.001	
10/6/2017	<0.001	
3/22/2018	<0.001	
10/3/2018	<0.001	
3/26/2019	<0.001	
9/11/2019	0.00039 (J)	
3/18/2020	0.00061 (J)	
9/10/2020	0.00044 (J)	
4/6/2021	0.00053 (J)	
8/11/2021	<0.001	
2/16/2022	<0.001	
8/26/2022	<0.001	
2/27/2023		<0.001
8/9/2023		0.00043 (J)
3/1/2024		0.00059 (J)
8/6/2024		0.00046 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-18	GWC-18
5/10/2010	<0.001	
6/16/2010	<0.001	
7/26/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	<0.001	
10/28/2011	<0.001	
5/2/2012	<0.001	
11/9/2012	<0.001	
5/8/2013	<0.001	
11/6/2013	<0.001	
5/23/2014	<0.001	
11/8/2014	<0.001	
5/22/2015	0.0045 (JO)	
11/10/2015	<0.001	
4/11/2016	<0.001	
10/5/2016	<0.001	
4/6/2017	<0.001	
10/5/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/11/2019	0.00048 (J)	
3/18/2020	0.00034 (J)	
9/9/2020	0.00064 (J)	
4/1/2021	<0.001	
8/11/2021	<0.001	
2/16/2022	<0.001	
8/25/2022	<0.001	
2/28/2023		<0.001
8/9/2023		<0.001
2/29/2024		<0.001
8/6/2024		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-19	GWC-19
5/11/2010	<0.001	
6/16/2010	<0.001	
7/27/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	<0.001	
10/28/2011	<0.001	
5/2/2012	<0.001	
11/9/2012	<0.001	
5/9/2013	<0.001	
11/6/2013	<0.001	
5/22/2014	<0.001	
11/8/2014	<0.001	
5/22/2015	0.01 (O)	
11/10/2015	<0.001	
4/11/2016	<0.001	
10/5/2016	<0.001	
4/5/2017	<0.001	
10/5/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/12/2019	0.0015	
3/19/2020	0.00047 (J)	
9/9/2020	0.00039 (J)	
4/5/2021	0.00047 (J)	
8/11/2021	<0.001	
2/16/2022	<0.001	
8/25/2022	0.0017	
2/28/2023		0.0016
8/8/2023		0.00051 (J)
2/29/2024		0.00067 (J)
8/6/2024		0.00053 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-20	GWC-20
5/11/2010	<0.001	
6/17/2010	<0.001	
7/27/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	<0.001	
10/28/2011	0.003 (J)	
5/3/2012	<0.001	
11/10/2012	<0.001	
5/9/2013	<0.001	
11/6/2013	<0.001	
5/22/2014	<0.001	
11/9/2014	<0.001	
5/22/2015	0.0063 (O)	
11/10/2015	<0.001	
4/12/2016	<0.001	
10/5/2016	<0.001	
4/6/2017	0.002 (J)	
10/5/2017	<0.001	
3/21/2018	<0.001	
10/3/2018	<0.001	
3/26/2019	<0.001	
9/12/2019	0.00097 (J)	
3/19/2020	0.00098 (J)	
9/10/2020	0.00098 (J)	
4/5/2021	0.00048 (J)	
8/11/2021	0.00056 (J)	
2/16/2022	0.00055 (J)	
8/25/2022	0.00074 (J)	
2/28/2023		<0.001
8/8/2023		0.00067 (J)
3/1/2024		0.00059 (J)
8/6/2024		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: pH, Field (SU) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15	GWA-15
5/9/2010	4.81	
6/18/2010	5.6	
7/28/2010	5.92	
9/9/2010	4.89	
4/30/2011	5.27	
10/28/2011	5.45	
5/2/2012	5.8	
11/9/2012	5.3	
5/8/2013	5.76	
11/5/2013	5.08	
5/20/2014	5.26 (D)	
11/12/2014	5.7	
5/22/2015	5.52	
11/11/2015	5.63	
4/6/2016	5.5	
6/15/2016	5.52	
8/10/2016	5.5	
10/4/2016	5.56	
11/30/2016	5.46	
2/7/2017	5.28	
4/1/2017	5.48	
4/4/2017	5.48	
6/20/2017	5.44	
10/4/2017	5.44	
3/20/2018	5.48	
10/2/2018	5.49	
3/26/2019	5.41	
9/10/2019	5.41	
3/18/2020	5.42	
9/9/2020	5.71	
4/1/2021	5.31	
8/11/2021	5.5	
2/15/2022	5.4	
8/25/2022	5.4	
2/28/2023		5.4
8/3/2023		5.48
3/4/2024		5.24
8/6/2024		5.48

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: pH, Field (SU) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-16	GWA-16
5/9/2010	5.94	
6/16/2010	6.4	
7/27/2010	6.53	
9/7/2010	6.06	
4/29/2011	6.18	
10/28/2011	6.63	
5/2/2012	6.25	
11/9/2012	6.31	
5/8/2013	6.34	
11/6/2013	6.6	
5/20/2014	6.16 (D)	
11/8/2014	6.52	
5/22/2015	6.3	
11/9/2015	5.63	
11/11/2015	6.36	
4/6/2016	6.46	
6/15/2016	6.39	
8/10/2016	6.39	
10/4/2016	6.4	
11/29/2016	6.36	
2/7/2017	6.45	
4/4/2017	6.37	
6/20/2017	6.4	
10/5/2017	6.42	
3/20/2018	6.36	
10/2/2018	6.38	
3/26/2019	6.42	
3/18/2020	6.29	
9/9/2020	6.33	
4/1/2021	6.44	
8/11/2021	6.35	
2/15/2022	6.46	
8/25/2022	6.42	
2/28/2023		6.45
8/3/2023		6.24
2/28/2024		6.49
8/6/2024		6.35

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: pH, Field (SU) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17	GWA-17
5/8/2010	5.2	
6/16/2010	5.93	
7/26/2010	6.03	
9/7/2010	6.23	
4/29/2011	5.68	
10/28/2011	5.89	
5/2/2012	5.74	
11/9/2012	5.75	
5/8/2013	5.53	
11/6/2013	5.92	
5/20/2014	5.635 (D)	
11/8/2014	6.04	
5/22/2015	5.87	
11/9/2015	5.97	
4/6/2016	5.96	
6/15/2016	5.96	
8/10/2016	5.94	
10/5/2016	5.86	
11/29/2016	5.82	
2/7/2017	6.15	
4/4/2017	6	
6/20/2017	6.34	
10/5/2017	5.93	
3/20/2018	5.97	
10/2/2018	6.03	
3/26/2019	6.12	
9/10/2019	6.31	
3/18/2020	6.03	
9/9/2020	6.05	
4/1/2021	6.14	
8/11/2021	6.14	
2/15/2022	6.2	
8/24/2022	6.22	
2/28/2023		6.19
8/3/2023		6.22
2/28/2024		6.41
8/6/2024		6.21

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: pH, Field (SU) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-1	GWC-1
5/11/2010	6.09	
6/17/2010	6.19	
7/27/2010	6.41	
9/9/2010	6.19	
4/28/2011	6.46	
10/29/2011	6.49	
5/3/2012	6.66	
11/9/2012	6.45	
5/9/2013	6.58	
11/5/2013	6.42	
5/23/2014	6.345 (D)	
11/13/2014	6.67	
5/23/2015	6.53	
11/11/2015	6.71	
4/12/2016	6.53	
6/16/2016	6.49	
8/11/2016	6.5	
10/4/2016	6.5	
11/30/2016	6.48	
2/7/2017	6.38	
4/5/2017	6.36	
6/20/2017	6.45	
10/4/2017	6.5	
3/20/2018	6.63	
10/2/2018	6.57	
3/26/2019	6.54	
9/10/2019	6.51	
3/18/2020	6.53	
9/9/2020	6.57	
4/1/2021	6.52	
8/18/2021	6.59	
10/18/2021	6.36	
2/15/2022	6.83	
5/12/2022	6.55	
8/24/2022	6.42	
2/27/2023		6.56
8/9/2023		6.57
10/4/2023		6.56
3/1/2024		6.71
8/6/2024		6.61

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: pH, Field (SU) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-2	GWC-2
5/11/2010	5.89	
6/19/2010	6.14	
7/27/2010	6.42	
9/9/2010	5.79	
4/28/2011	6.74	
10/28/2011	6.62	
5/3/2012	6.53	
11/9/2012	6.42	
5/9/2013	6.97	
11/5/2013	6.66	
5/22/2014	6.515 (D)	
11/13/2014	6.94	
5/24/2015	7	
11/11/2015	6.55	
4/12/2016	6.52	
6/16/2016	6.38	
8/11/2016	6.38	
10/4/2016	6.39	
11/30/2016	6.38	
2/7/2017	6.43	
4/6/2017	6.23	
6/20/2017	6.36	
10/4/2017	6.35	
3/20/2018	6.52	
10/2/2018	6.51	
3/26/2019	6.44	
9/10/2019	6.39	
3/18/2020	6.41	
9/9/2020	6.44	
4/1/2021	7.32 (O)	
8/12/2021	6.41	
2/15/2022	6.61	
8/26/2022	6.37	
2/27/2023		6.41
8/9/2023		6.6
3/1/2024		6.5
8/6/2024		6.7
11/7/2024		6.45

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: pH, Field (SU) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-3
5/11/2010	5.45	
6/17/2010	6.08	
7/28/2010	6.18	
9/7/2010	5.37	
4/29/2011	5.82	
10/28/2011	5.93	
5/3/2012	5.91	
11/9/2012	5.93	
5/10/2013	6.16	
11/6/2013	6.03	
5/22/2014	5.825 (D)	
11/9/2014	6.1	
5/22/2015	5.92	
11/10/2015	6.02	
11/16/2015	6.02	
4/12/2016	5.97	
6/20/2016	5.93	
8/12/2016	5.86	
8/16/2016	5.86	
10/5/2016	5.1 (O)	
11/30/2016	5.88	
2/8/2017	5.89	
4/6/2017	5.84	
6/21/2017	5.91	
10/5/2017	5.93	
3/21/2018	5.96	
10/3/2018	5.97	
3/26/2019	6.02	
9/10/2019	5.99	
3/18/2020	5.9	
9/10/2020	6.24	
4/6/2021	6.01	
8/12/2021	6.12	
2/15/2022	5.87	
8/25/2022	5.99	
2/28/2023		6
5/2/2023		6.27
8/9/2023		6.07
10/4/2023		6.03
3/4/2024		6.11
5/20/2024		5.9
8/7/2024		5.84
11/7/2024		6

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: pH, Field (SU) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
5/11/2010	5.79	
6/17/2010	6.45	
7/28/2010	6.53	
9/8/2010	5.69	
4/28/2011	6.17	
10/29/2011	6.36	
5/3/2012	6.26	
11/10/2012	6.27	
5/10/2013	6.43	
11/6/2013	6.37	
5/22/2014	6.19 (D)	
11/9/2014	6.45	
5/22/2015	6.26	
11/11/2015	6.3	
4/12/2016	6.44	
6/20/2016	6.33	
8/12/2016	6.29	
8/16/2016	6.3	
10/6/2016	6.21	
11/30/2016	6.26	
2/8/2017	6.35	
4/6/2017	6.29	
6/22/2017	6.31	
10/6/2017	5.9	
3/21/2018	6.23	
10/3/2018	6.25	
3/26/2019	6.34	
9/10/2019	6.31	
3/19/2020	6.32	
9/10/2020	6.46	
4/2/2021	6.35	
8/12/2021	6.3	
2/15/2022	6.37	
5/12/2022	6.19	
8/25/2022	6.19	
12/28/2022	6.2	
2/27/2023		6.17
5/2/2023		6.13
8/8/2023		6.3
2/29/2024		6.31
5/20/2024		6.08
8/7/2024		6.12
11/6/2024		6.15

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: pH, Field (SU) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-5	GWC-5
5/11/2010	5.43	
6/18/2010	6.12	
7/27/2010	6.28	
9/9/2010	5.68	
4/29/2011	5.89	
10/28/2011	6.19	
5/4/2012	6.17	
11/10/2012	6.08	
5/9/2013	5.99	
11/6/2013	5.78	
5/22/2014	5.86 (D)	
11/9/2014	6.14	
5/24/2015	5.7	
11/11/2015	5.78	
4/19/2016	5.55	
6/22/2016	5.6	
8/16/2016	5.7	
10/6/2016	5.64	
12/1/2016	5.62	
2/9/2017	5.64	
4/6/2017	5.66	
6/21/2017	5.68	
10/5/2017	5.64	
3/22/2018	5.9	
10/3/2018	5.74	
3/27/2019	5.78	
9/11/2019	5.82	
3/18/2020	5.81	
9/9/2020	6.08	
4/1/2021	6.01	
8/12/2021	5.87	
2/15/2022	6.16	
5/12/2022	5.99	
8/25/2022	5.96	
2/28/2023		6
8/8/2023		6.16
2/29/2024		6.25
8/6/2024		6

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: pH, Field (SU) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-6	GWC-6
5/11/2010	5.52	
6/18/2010	6.35	
7/27/2010	6.48	
9/9/2010	5.5	
4/30/2011	6.09	
10/29/2011	6.41	
5/4/2012	6.2	
11/10/2012	6.17	
5/9/2013	6.13	
11/7/2013	6.06	
5/21/2014	6.045 (D)	
11/9/2014	6.36	
5/24/2015	6.17	
11/11/2015	6.19	
4/12/2016	6.22	
6/20/2016	6.2	
8/12/2016	6.17	
10/6/2016	6.14	
11/30/2016	6.14	
2/9/2017	6.18	
4/6/2017	6.17	
6/21/2017	6.17	
10/6/2017	6.19	
3/21/2018	6.21	
10/3/2018	6.22	
3/26/2019	6.25	
9/11/2019	6.23	
3/18/2020	6.19	
9/10/2020	6.43	
4/5/2021	6.36	
6/2/2021	6.09	
8/11/2021	6.14	
2/15/2022	6.1	
8/25/2022	6.13	
2/27/2023		6.16
8/8/2023		6.37
2/29/2024		6.37
5/20/2024		6.16
8/7/2024		6.19
11/6/2024		6.4

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: pH, Field (SU) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-7	GWC-7
5/10/2010	5.95	
6/18/2010	6.52	
7/28/2010	6.58	
9/9/2010	5.81	
4/30/2011	6.25	
10/29/2011	6.52	
5/4/2012	6.34	
11/10/2012	6.31	
5/9/2013	6.2	
11/7/2013	6.21	
5/21/2014	6.18 (D)	
5/24/2015	6.32	
11/11/2015	6.35	
4/13/2016	6.42	
6/20/2016	6.4	
8/15/2016	6.31	
10/6/2016	6.27	
12/1/2016	6.28	
2/9/2017	6.32	
4/7/2017	6.28	
6/22/2017	6.29	
10/6/2017	5.96	
3/22/2018	6.34	
10/4/2018	6.36	
3/27/2019	6.38	
9/11/2019	6.35	
3/19/2020	6.41	
9/10/2020	6.32	
4/1/2021	6.4	
8/11/2021	6.26	
2/15/2022	6.22	
8/25/2022	6.31	
2/27/2023		6.35
5/2/2023		6.38
8/8/2023		6.48
2/29/2024		6.57
5/7/2024		6.3
8/6/2024		6.25
11/6/2024		6.51

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: pH, Field (SU) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-8A
5/10/2010	6.93	
6/19/2010	7.08	
7/28/2010	7.05	
9/8/2010	5.93	
4/30/2011	7.11	
10/27/2011	7.08	
5/4/2012	6.39	
11/11/2012	6.24	
5/10/2013	6.46	
11/7/2013	6.59	
5/21/2014	6.685 (D)	
11/13/2014	6.55	
5/23/2015	6.36	
11/11/2015	6.36	
4/19/2016	6.4	
6/23/2016	6.35	
8/23/2016	6.29	
10/10/2016	6.3 (D)	
12/1/2016	6.37 (D)	
2/9/2017	6.39 (D)	
2/27/2017	6.24	
4/7/2017	6.93	
6/21/2017	7.11	
8/15/2017	6.95	
9/1/2017	6.86	
10/9/2017	6.75	
3/22/2018	7.05	
10/4/2018	7.26	
3/27/2019	6.69	
9/11/2019	6.72	
3/18/2020	6.42	
9/9/2020	6.3	
4/5/2021	6.35	
6/1/2021	6.28	
8/12/2021	6.37	
2/15/2022	6.34	
8/25/2022	6.29	
2/27/2023		6.27
5/2/2023		6.23
8/8/2023		6.38
10/4/2023		6.45
2/29/2024		6.52
8/6/2024		6.35

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: pH, Field (SU) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-9	GWC-9
5/10/2010	5.99	
6/16/2010	5.97	
7/27/2010	6.69	
9/8/2010	6.15	
4/29/2011	6.31	
10/27/2011	6.72	
5/3/2012	6.74	
11/11/2012	6.59	
5/9/2013	6.67	
11/6/2013	6.38	
5/21/2014	6.355 (D)	
11/12/2014	6.81	
5/23/2015	6.42	
11/12/2015	6.7	
4/13/2016	6.59	
6/22/2016	6.49	
8/15/2016	6.61	
10/6/2016	6.55	
12/1/2016	6.59	
2/8/2017	6.63	
4/6/2017	6.58	
6/21/2017	6.56	
10/5/2017	6.58	
3/21/2018	6.76	
10/2/2018	6.65	
3/27/2019	6.7	
9/11/2019	6.63	
3/18/2020	6.61	
9/9/2020	6.8	
4/1/2021	6.28	
8/12/2021	6.66	
2/15/2022	6.61	
8/25/2022	6.48	
12/28/2022	6.62	
2/27/2023		6.57
8/8/2023		6.63
3/1/2024		6.82
8/6/2024		6.47
11/6/2024		6.58

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: pH, Field (SU) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-10	GWC-10
5/10/2010	5.97	
6/16/2010	5.82	
7/28/2010	6.47	
9/8/2010	6.08	
4/29/2011	6.3	
10/27/2011	6.47	
5/4/2012	6.5	
11/11/2012	6.21	
5/9/2013	6.51	
11/5/2013	6.07	
5/21/2014	6.125 (D)	
11/12/2014	6.49	
5/23/2015	6.3	
11/12/2015	6.45	
4/13/2016	6.42	
6/21/2016	6.36	
8/15/2016	6.3	
10/5/2016	6.25	
12/1/2016	6.32	
2/8/2017	6.04	
4/6/2017	6.35	
6/21/2017	6.2	
10/5/2017	6.21	
3/21/2018	6.56	
10/2/2018	6.35	
3/27/2019	6.53	
9/11/2019	6.32	
3/18/2020	6.34	
9/9/2020	6.4	
4/1/2021	6.35	
8/17/2021	6.45	
10/18/2021	6.25	
2/15/2022	6.48	
5/12/2022	6.31	
8/25/2022	6.2	
12/28/2022	6.36	
2/21/2023		6.33
5/2/2023		6.3
8/9/2023		6.3
3/1/2024		6.47
5/20/2024		6.28
8/6/2024		6.22

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: pH, Field (SU) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-11	GWC-11
5/10/2010	5.58	
6/16/2010	5.78	
7/27/2010	6.38	
9/8/2010	5.64	
4/29/2011	6.14	
10/27/2011	6.19	
5/4/2012	6.28	
11/10/2012	6	
5/9/2013	6.28	
11/6/2013	5.69	
5/20/2014	6.09 (D)	
11/12/2014	6.33	
5/24/2015	6.04	
11/12/2015	6.31	
4/13/2016	6.17	
6/21/2016	6.19	
8/15/2016	6.15	
10/5/2016	6.1	
12/1/2016	6.15	
2/8/2017	5.9	
4/6/2017	6.13	
6/20/2017	6.12	
10/5/2017	6.11	
3/21/2018	6.21	
10/2/2018	6.21	
3/27/2019	6.22	
9/11/2019	6.17	
3/18/2020	6.17	
9/10/2020	6.16	
4/1/2021	6.11	
8/11/2021	6.21	
2/16/2022	6.16	
8/25/2022	6.01	
2/27/2023		6.19
8/9/2023		6.24
2/29/2024		6.26
8/6/2024		6.11

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: pH, Field (SU) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-12	GWC-12
5/9/2010	4.25	
6/18/2010	5.37	
7/27/2010	5.45	
9/8/2010	5.58	
4/29/2011	4.86	
10/28/2011	4.68	
5/3/2012	5.26	
11/10/2012	4.98	
5/9/2013	5.25	
11/6/2013	4.22	
5/20/2014	4.83 (D)	
11/12/2014	5.3	
5/23/2015	5.04	
11/12/2015	5.31	
4/13/2016	5.22	
6/21/2016	5.2	
8/15/2016	5.12	
10/5/2016	5.07	
10/7/2016	5.07	
12/1/2016	5.08	
2/8/2017	4.76	
4/5/2017	5.1	
6/20/2017	5.13	
10/5/2017	5.1	
3/21/2018	5.33	
10/2/2018	5.16	
3/26/2019	5.25	
9/11/2019	5.1	
3/18/2020	5.19	
9/10/2020	5.1	
4/1/2021	5.18	
8/11/2021	5.2	
2/16/2022	5.11	
8/26/2022	5.07	
2/27/2023		5.2
8/9/2023		5.1
2/29/2024		5.24
8/6/2024		5.26

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: pH, Field (SU) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-13
5/9/2010	4.93	
6/18/2010	5.91	
7/29/2010	6.01	
9/9/2010	5.1	
4/26/2011	5.6	
10/28/2011	5.87	
5/4/2012	5.82	
11/11/2012	5.83	
5/8/2013	6.21	
11/7/2013	5.78	
5/20/2014	5.665 (D)	
11/12/2014	6.02	
5/24/2015	5.81	
11/12/2015	5.93	
4/13/2016	5.88	
6/21/2016	5.9	
8/15/2016	5.86	
10/4/2016	5.85	
10/7/2016	5.85	
12/1/2016	5.85	
2/9/2017	5.92	
4/6/2017	5.85	
6/22/2017	5.9	
10/6/2017	5.88	
3/22/2018	5.88	
10/3/2018	5.95	
3/26/2019	5.89	
9/11/2019	5.89	
3/18/2020	5.81	
9/10/2020	5.83	
4/6/2021	5.95	
8/11/2021	5.92	
2/16/2022	5.79	
8/26/2022	5.91	
2/27/2023		5.94
8/9/2023		5.95
3/1/2024		5.9
8/6/2024		5.95

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: pH, Field (SU) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-14	GWC-14
5/9/2010	4.87	
6/18/2010	5.75	
7/28/2010	5.9	
9/9/2010	5.05	
4/30/2011	5.38	
10/28/2011	5.59	
5/3/2012	5.77	
11/10/2012	5.63	
5/8/2013	6.11	
11/5/2013	5.23	
5/20/2014	5.37 (D)	
11/12/2014	5.77	
5/24/2015	5.53	
11/11/2015	5.68	
4/13/2016	5.58	
6/21/2016	5.59	
8/15/2016	5.56	
10/4/2016	5.66	
12/1/2016	5.54	
2/7/2017	5.42	
4/6/2017	5.55	
6/20/2017	5.57	
10/5/2017	5.55	
3/20/2018	5.73	
10/2/2018	5.68	
3/26/2019	5.63	
9/11/2019	5.59	
3/18/2020	5.61	
9/9/2020	5.88	
4/1/2021	5.53	
8/11/2021	5.61	
2/16/2022	5.6	
8/26/2022	5.51	
2/27/2023		5.62
8/9/2023		5.58
3/1/2024		5.55
5/7/2024		5.55
8/8/2024		5.56

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: pH, Field (SU) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-18	GWC-18
5/10/2010	5.76	
6/16/2010	6.38	
7/26/2010	6.52	
9/7/2010	5.74	
4/29/2011	6.19	
10/28/2011	6.39	
5/2/2012	6.22	
11/9/2012	6.3	
5/8/2013	6.07	
11/6/2013	6.45	
5/23/2014	6.09 (D)	
11/8/2014	6.42	
5/22/2015	6.26	
11/10/2015	6.29	
4/11/2016	6.3	
6/16/2016	6.34	
8/11/2016	6.28	
10/5/2016	6.27	
11/29/2016	6.39	
2/8/2017	6.35	
4/6/2017	6.26	
6/21/2017	6.24	
10/5/2017	6.31	
3/20/2018	6.34	
10/2/2018	6.38	
3/26/2019	6.38	
9/11/2019	6.37	
3/18/2020	6.32	
9/9/2020	6.3	
4/1/2021	6.37	
8/11/2021	6.43	
2/16/2022	6.54	
5/12/2022	6.39	
8/25/2022	6.45	
2/28/2023		6.36
8/9/2023		6.41
2/29/2024		6.51
8/6/2024		6.3

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: pH, Field (SU) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-19	GWC-19
5/11/2010	5.93	
6/16/2010	6.58	
7/27/2010	6.69	
9/7/2010	5.87	
4/29/2011	6.37	
10/28/2011	6.52	
5/2/2012	6.24	
11/9/2012	6.31	
5/9/2013	6.01	
11/6/2013	6.6	
5/22/2014	6.295 (D)	
11/8/2014	6.51	
5/22/2015	6.35	
11/10/2015	6.41	
4/11/2016	6.36	
6/16/2016	6.35	
8/11/2016	6.37	
10/5/2016	5.78 (O)	
11/29/2016	6.44	
2/8/2017	6.4	
4/5/2017	6.35	
6/21/2017	6.36	
10/5/2017	6.41	
3/20/2018	6.37	
10/2/2018	6.41	
3/26/2019	6.35	
9/12/2019	6.39	
3/19/2020	6.27	
9/9/2020	6.27	
4/5/2021	6.37	
6/1/2021	6.18	
8/11/2021	6.35	
10/7/2021	6.79	
2/16/2022	6.47	
8/25/2022	6.36	
12/28/2022	6.29	
2/28/2023		6.29
8/8/2023		6.32
2/29/2024		6.33
8/6/2024		6.26

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: pH, Field (SU) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-20	GWC-20
5/11/2010	6.05	
6/17/2010	6.77	
7/27/2010	6.82	
9/7/2010	5.94	
4/29/2011	6.33	
10/28/2011	6.73	
5/3/2012	6.51	
11/10/2012	6.48	
5/9/2013	6.42	
11/6/2013	6.73	
5/22/2014	6.345 (D)	
11/9/2014	6.66	
5/22/2015	6.49	
11/10/2015	6.53	
4/12/2016	6.53	
6/16/2016	6.51	
8/11/2016	6.49	
10/5/2016	6.46	
11/30/2016	6.5	
2/8/2017	6.59	
4/6/2017	6.47	
6/21/2017	6.53	
10/5/2017	6.51	
3/21/2018	6.5	
10/3/2018	6.48	
3/26/2019	6.52	
9/12/2019	6.57	
3/19/2020	6.47	
9/10/2020	6.49	
4/5/2021	6.64	
6/1/2021	6.39	
8/11/2021	6.58	
2/16/2022	6.71	
5/12/2022	6.52	
8/25/2022	6.62	
12/28/2022	6.56	
2/28/2023		6.53
8/8/2023		6.59
3/1/2024		6.73
5/7/2024		6.5
8/6/2024		6.41

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Selenium (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15	GWA-15
5/9/2010	<0.005	
6/18/2010	<0.005	
7/28/2010	<0.005	
9/9/2010	<0.005	
4/30/2011	<0.005	
10/28/2011	<0.005	
5/2/2012	<0.005	
11/9/2012	<0.005	
5/8/2013	<0.005	
11/5/2013	<0.005	
5/20/2014	<0.005	
11/12/2014	<0.005	
5/22/2015	<0.005	
11/11/2015	<0.005	
4/6/2016	<0.005	
6/15/2016	<0.005	
8/10/2016	<0.005	
10/4/2016	<0.005	
11/30/2016	<0.005	
2/7/2017	<0.005	
4/4/2017	0.00067 (J)	
6/20/2017	<0.005	
10/4/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	<0.005	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/11/2021	<0.005	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/28/2023		<0.005
8/3/2023		<0.005
3/4/2024		<0.005
8/6/2024		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Selenium (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-16	GWA-16
5/9/2010	<0.005	
6/16/2010	<0.005	
7/27/2010	<0.005	
9/7/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/2/2012	<0.005	
11/9/2012	<0.005	
5/8/2013	<0.005	
11/6/2013	<0.005	
5/20/2014	<0.005	
11/8/2014	<0.005	
5/22/2015	<0.005	
11/9/2015	0.0043 (J)	
4/6/2016	<0.005	
6/15/2016	<0.005	
8/10/2016	<0.005	
10/4/2016	<0.005	
11/29/2016	0.00024 (J)	
2/7/2017	<0.005	
4/4/2017	0.0017	
6/20/2017	<0.005	
10/5/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	<0.005	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/11/2021	<0.005	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/28/2023		<0.005
8/3/2023		<0.005
2/28/2024		<0.005
8/6/2024		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Selenium (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17	GWA-17
5/8/2010	<0.005	
6/16/2010	<0.005	
7/26/2010	<0.005	
9/7/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/2/2012	<0.005	
11/9/2012	<0.005	
5/8/2013	0.0044 (J)	
11/6/2013	<0.005	
5/20/2014	<0.005	
11/8/2014	<0.005	
5/22/2015	<0.005	
11/9/2015	<0.005	
4/6/2016	<0.005	
6/15/2016	<0.005	
8/10/2016	<0.005	
10/5/2016	<0.005	
11/29/2016	<0.005	
2/7/2017	<0.005	
4/4/2017	<0.005	
6/20/2017	<0.005	
10/5/2017	0.00027 (J)	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	<0.005	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/11/2021	<0.005	
2/15/2022	<0.005	
8/24/2022	<0.005	
2/28/2023		<0.005
8/3/2023		<0.005
2/28/2024		<0.005
8/6/2024		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Selenium (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-1	GWC-1
5/11/2010	<0.005	
6/17/2010	<0.005	
7/27/2010	<0.005	
9/9/2010	<0.005	
4/28/2011	<0.005	
10/29/2011	<0.005	
5/3/2012	<0.005	
11/9/2012	<0.005	
5/9/2013	<0.005	
11/5/2013	<0.005	
5/23/2014	<0.005	
11/13/2014	<0.005	
5/23/2015	0.0053 (J)	
11/11/2015	<0.005	
4/12/2016	<0.005	
6/16/2016	<0.005	
8/11/2016	<0.005	
10/4/2016	0.00037 (J)	
11/30/2016	<0.005	
2/7/2017	<0.005	
4/5/2017	<0.005	
6/20/2017	<0.005	
10/4/2017	<0.005	
3/20/2018	0.00037 (J)	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	<0.005	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/18/2021	<0.005	
2/15/2022	<0.005	
8/24/2022	<0.005	
2/27/2023		<0.005
8/9/2023		<0.005
3/1/2024		<0.005
8/6/2024		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Selenium (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-2	GWC-2
5/11/2010	<0.005	
6/19/2010	<0.005	
7/27/2010	<0.005	
9/9/2010	<0.005	
4/28/2011	<0.005	
10/28/2011	<0.005	
5/3/2012	<0.005	
11/9/2012	<0.005	
5/9/2013	<0.005	
11/5/2013	<0.005	
5/22/2014	<0.005	
11/13/2014	<0.005	
5/24/2015	0.0044 (J)	
11/11/2015	0.0045 (J)	
4/12/2016	<0.005	
6/16/2016	<0.005	
8/11/2016	<0.005	
10/4/2016	<0.005	
11/30/2016	<0.005	
2/7/2017	<0.005	
4/6/2017	0.0023	
6/20/2017	0.00024 (J)	
10/4/2017	<0.005	
3/20/2018	0.00059 (J)	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	<0.005	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/12/2021	<0.005	
2/15/2022	<0.005	
8/26/2022	<0.005	
2/27/2023		0.00075 (J)
8/9/2023		<0.005
3/1/2024		<0.005
8/6/2024		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Selenium (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-3
5/11/2010	<0.005	
6/17/2010	<0.005	
7/28/2010	<0.005	
9/7/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/3/2012	<0.005	
11/9/2012	<0.005	
5/10/2013	<0.005	
11/6/2013	<0.005	
5/22/2014	<0.005	
11/9/2014	<0.005	
5/22/2015	<0.005	
11/10/2015	<0.005	
4/12/2016	<0.005	
6/20/2016	<0.005	
8/12/2016	0.00036 (J)	
10/5/2016	<0.005	
11/30/2016	<0.005	
2/8/2017	<0.005	
4/6/2017	<0.005	
6/21/2017	<0.005	
10/5/2017	<0.005	
3/21/2018	<0.005	
10/3/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	<0.005	
3/18/2020	<0.005	
9/10/2020	<0.005	
4/6/2021	<0.005	
8/12/2021	<0.005	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/28/2023		<0.005
8/9/2023		<0.005
3/4/2024		<0.005
8/7/2024		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Selenium (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
5/11/2010	<0.005	
6/17/2010	<0.005	
7/28/2010	<0.005	
9/8/2010	<0.005	
4/28/2011	<0.005	
10/29/2011	<0.005	
5/3/2012	<0.005	
11/10/2012	<0.005	
5/10/2013	<0.005	
11/6/2013	<0.005	
5/22/2014	<0.005	
11/9/2014	<0.005	
5/22/2015	<0.005	
11/11/2015	<0.005	
4/12/2016	<0.005	
6/20/2016	<0.005	
8/12/2016	<0.005	
10/6/2016	<0.005	
11/30/2016	<0.005	
2/8/2017	<0.005	
4/6/2017	<0.005	
6/22/2017	<0.005	
10/6/2017	<0.005	
3/21/2018	0.00029 (J)	
10/3/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	<0.005	
3/19/2020	<0.005	
9/10/2020	<0.005	
4/2/2021	<0.005	
8/12/2021	<0.005	
2/15/2022	0.0013 (J)	
8/25/2022	0.0012 (J)	
2/27/2023		0.0039 (J)
8/8/2023		0.0041 (J)
2/29/2024		0.0042 (J)
8/7/2024		0.0045 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Selenium (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-5	GWC-5
5/11/2010	<0.01	
6/18/2010	<0.01	
7/27/2010	<0.01	
9/9/2010	<0.01	
4/29/2011	<0.01	
10/28/2011	<0.01	
5/4/2012	<0.01	
11/10/2012	<0.01	
5/9/2013	<0.01	
11/6/2013	<0.01	
5/22/2014	<0.01	
11/9/2014	<0.01	
5/24/2015	0.013 (J)	
11/11/2015	0.037	
4/19/2016	0.0587	
6/22/2016	0.0435	
8/16/2016	0.029	
10/6/2016	0.027	
12/1/2016	0.029	
2/9/2017	0.031	
4/6/2017	0.043	
6/21/2017	0.052	
10/5/2017	0.038	
3/22/2018	0.038	
10/3/2018	0.021	
3/27/2019	0.023	
9/11/2019	0.0079	
3/18/2020	0.014	
9/9/2020	0.0054	
4/1/2021	0.0065	
8/12/2021	0.0088	
2/15/2022	0.0058	
8/25/2022	0.0043 (J)	
2/28/2023		0.0033 (J)
8/8/2023		0.003 (J)
2/29/2024		0.0018 (J)
8/6/2024		0.0029 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Selenium (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-6	GWC-6
5/11/2010	<0.005	
6/18/2010	<0.005	
7/27/2010	<0.005	
9/9/2010	<0.005	
4/30/2011	<0.005	
10/29/2011	<0.005	
5/4/2012	<0.005	
11/10/2012	<0.005	
5/9/2013	<0.005	
11/7/2013	<0.005	
5/21/2014	<0.005	
11/9/2014	<0.005	
5/24/2015	<0.005	
11/11/2015	0.007 (J)	
4/12/2016	<0.005	
6/20/2016	0.00032 (J)	
8/12/2016	0.00035 (J)	
10/6/2016	0.00029 (J)	
11/30/2016	0.00026 (J)	
2/9/2017	<0.005	
4/6/2017	<0.005	
6/21/2017	0.00031 (J)	
10/6/2017	<0.005	
3/21/2018	0.00038 (J)	
10/3/2018	0.00056 (J)	
3/26/2019	<0.005	
9/11/2019	<0.005	
3/18/2020	<0.005	
9/10/2020	<0.005	
4/5/2021	<0.005	
8/11/2021	<0.005	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/27/2023		<0.005
8/8/2023		<0.005
2/29/2024		<0.005
8/7/2024		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Selenium (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-7	GWC-7
5/10/2010	<0.005	
6/18/2010	<0.005	
7/28/2010	<0.005	
9/9/2010	<0.005	
4/30/2011	<0.005	
10/29/2011	<0.005	
5/4/2012	<0.005	
11/10/2012	<0.005	
5/9/2013	<0.005	
11/7/2013	<0.005	
5/21/2014	<0.005	
11/12/2014	<0.005	
5/24/2015	0.0053 (J)	
11/11/2015	0.0049 (J)	
4/13/2016	<0.005	
6/20/2016	<0.005	
8/15/2016	<0.005	
10/6/2016	<0.005	
12/1/2016	<0.005	
2/9/2017	<0.005	
4/7/2017	<0.005	
6/22/2017	<0.005	
10/6/2017	<0.005	
3/22/2018	<0.005	
10/4/2018	<0.005	
3/27/2019	<0.005	
9/11/2019	<0.005	
3/19/2020	<0.005	
9/10/2020	<0.005	
4/1/2021	<0.005	
8/11/2021	<0.005	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/27/2023		<0.005
8/8/2023		<0.005
2/29/2024		<0.005
8/6/2024		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Selenium (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-8A
5/10/2010	<0.005	
6/19/2010	<0.005	
7/28/2010	<0.005	
9/8/2010	<0.005	
4/30/2011	<0.005	
10/27/2011	<0.005	
5/4/2012	<0.005	
11/11/2012	<0.005	
5/10/2013	<0.005	
11/7/2013	<0.005	
5/21/2014	<0.005	
11/13/2014	<0.005	
5/23/2015	0.0045 (J)	
11/11/2015	0.0043 (J)	
4/19/2016	<0.005	
10/10/2016	<0.005	
12/1/2016	<0.005	
2/9/2017	<0.005	
4/7/2017	<0.005	
6/21/2017	<0.005	
8/15/2017	<0.005	
9/1/2017	0.00044 (J)	
10/9/2017	<0.005	
3/22/2018	0.00032 (J)	
10/4/2018	<0.005	
3/27/2019	<0.005	
9/11/2019	<0.005	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/5/2021	<0.005	
8/12/2021	<0.005	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/27/2023		<0.005
8/8/2023		<0.005
2/29/2024		<0.005
8/6/2024		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Selenium (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-9	GWC-9
5/10/2010	<0.005	
6/16/2010	<0.005	
7/27/2010	<0.005	
9/8/2010	<0.005	
4/29/2011	<0.005	
10/27/2011	<0.005	
5/3/2012	<0.005	
11/11/2012	<0.005	
5/9/2013	<0.005	
11/6/2013	<0.005	
5/21/2014	<0.005	
11/12/2014	<0.005	
5/23/2015	<0.005	
11/12/2015	0.0065 (J)	
4/13/2016	<0.005	
6/22/2016	<0.005	
8/15/2016	<0.005	
10/6/2016	<0.005	
12/1/2016	<0.005	
2/8/2017	<0.005	
4/6/2017	<0.005	
6/21/2017	<0.005	
10/5/2017	<0.005	
3/21/2018	0.0004 (J)	
10/2/2018	<0.005	
3/27/2019	<0.005	
9/11/2019	<0.005	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/12/2021	<0.005	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/27/2023		<0.005
8/8/2023		<0.005
3/1/2024		<0.005
8/6/2024		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Selenium (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-10	GWC-10
5/10/2010	<0.005	
6/16/2010	<0.005	
7/28/2010	<0.005	
9/8/2010	<0.005	
4/29/2011	<0.005	
10/27/2011	<0.005	
5/4/2012	<0.005	
11/11/2012	<0.005	
5/9/2013	<0.005	
11/5/2013	<0.005	
5/21/2014	<0.005	
11/12/2014	<0.005	
5/23/2015	0.0043 (J)	
11/12/2015	0.0046 (J)	
4/13/2016	<0.005	
6/21/2016	<0.005	
8/15/2016	<0.005	
10/5/2016	<0.005	
12/1/2016	<0.005	
2/8/2017	<0.005	
4/6/2017	<0.005	
6/21/2017	<0.005	
10/5/2017	<0.005	
3/21/2018	<0.005	
10/2/2018	<0.005	
3/27/2019	<0.005	
9/11/2019	<0.005	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/17/2021	<0.005	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/21/2023		<0.005
8/9/2023		<0.005
3/1/2024		<0.005
8/6/2024		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Selenium (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-11	GWC-11
5/10/2010	<0.005	
6/16/2010	<0.005	
7/27/2010	<0.005	
9/8/2010	<0.005	
4/29/2011	<0.005	
10/27/2011	<0.005	
5/4/2012	<0.005	
11/10/2012	<0.005	
5/9/2013	<0.005	
11/6/2013	<0.005	
5/20/2014	<0.005	
11/12/2014	<0.005	
5/24/2015	0.005 (J)	
11/12/2015	0.0042 (J)	
4/13/2016	<0.005	
6/21/2016	<0.005	
8/15/2016	<0.005	
10/5/2016	<0.005	
12/1/2016	<0.005	
2/8/2017	<0.005	
4/6/2017	0.00031 (J)	
6/20/2017	<0.005	
10/5/2017	<0.005	
3/21/2018	<0.005	
10/2/2018	<0.005	
3/27/2019	<0.005	
9/11/2019	<0.005	
3/18/2020	<0.005	
9/10/2020	<0.005	
4/1/2021	<0.005	
8/11/2021	<0.005	
2/16/2022	<0.005	
8/25/2022	<0.005	
2/27/2023		<0.005
8/9/2023		<0.005
2/29/2024		<0.005
8/6/2024		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Selenium (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-12	GWC-12
5/9/2010	<0.005	
6/18/2010	<0.005	
7/27/2010	<0.005	
9/8/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	0.004 (J)	
5/3/2012	<0.005	
11/10/2012	<0.005	
5/9/2013	<0.005	
11/6/2013	<0.005	
5/20/2014	<0.005	
11/12/2014	<0.005	
5/23/2015	<0.005	
11/12/2015	<0.005	
4/13/2016	<0.005	
6/21/2016	<0.005	
8/15/2016	<0.005	
10/5/2016	<0.005	
12/1/2016	<0.005	
2/8/2017	<0.005	
4/5/2017	<0.005	
6/20/2017	<0.005	
10/5/2017	<0.005	
3/21/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/11/2019	<0.005	
3/18/2020	<0.005	
9/10/2020	<0.005	
4/1/2021	<0.005	
8/11/2021	<0.005	
2/16/2022	<0.005	
8/26/2022	<0.005	
2/27/2023		<0.005
8/9/2023		<0.005
2/29/2024		<0.005
8/6/2024		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Selenium (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-14	GWC-14
5/9/2010	<0.005	
6/18/2010	<0.005	
7/28/2010	<0.005	
9/9/2010	<0.005	
4/30/2011	<0.005	
10/28/2011	<0.005	
5/3/2012	<0.005	
11/10/2012	<0.005	
5/8/2013	<0.005	
11/5/2013	<0.005	
5/20/2014	<0.005	
11/12/2014	<0.005	
5/24/2015	<0.005	
11/11/2015	0.0052 (J)	
4/13/2016	<0.005	
6/21/2016	<0.005	
8/15/2016	<0.005	
10/4/2016	<0.005	
12/1/2016	0.00025 (J)	
2/7/2017	<0.005	
4/6/2017	<0.005	
6/20/2017	<0.005	
10/5/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/11/2019	<0.005	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/11/2021	<0.005	
2/16/2022	<0.005	
8/26/2022	<0.005	
2/27/2023		<0.005
8/9/2023		<0.005
3/1/2024		<0.005
8/8/2024		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Selenium (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-18	GWC-18
5/10/2010	<0.005	
6/16/2010	<0.005	
7/26/2010	<0.005	
9/7/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/2/2012	<0.005	
11/9/2012	<0.005	
5/8/2013	<0.005	
11/6/2013	<0.005	
5/23/2014	<0.005	
11/8/2014	<0.005	
5/22/2015	<0.005	
11/10/2015	0.0041 (J)	
4/11/2016	<0.005	
6/16/2016	<0.005	
8/11/2016	<0.005	
10/5/2016	<0.005	
11/29/2016	<0.005	
2/8/2017	<0.005	
4/6/2017	<0.005	
6/21/2017	<0.005	
10/5/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/11/2019	<0.005	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/11/2021	<0.005	
2/16/2022	<0.005	
8/25/2022	<0.005	
2/28/2023		<0.005
8/9/2023		<0.005
2/29/2024		<0.005
8/6/2024		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Selenium (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-19	GWC-19
5/11/2010	<0.005	
6/16/2010	<0.005	
7/27/2010	<0.005	
9/7/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/2/2012	<0.005	
11/9/2012	<0.005	
5/9/2013	<0.005	
11/6/2013	<0.005	
5/22/2014	<0.005	
11/8/2014	<0.005	
5/22/2015	<0.005	
11/10/2015	0.0044 (J)	
4/11/2016	<0.005	
6/16/2016	<0.005	
8/11/2016	<0.005	
10/5/2016	<0.005	
11/29/2016	<0.005	
2/8/2017	<0.005	
4/5/2017	<0.005	
6/21/2017	<0.005	
10/5/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/12/2019	<0.005	
3/19/2020	<0.005	
9/9/2020	<0.005	
4/5/2021	<0.005	
8/11/2021	<0.005	
2/16/2022	<0.005	
8/25/2022	<0.005	
2/28/2023		<0.005
8/8/2023		<0.005
2/29/2024		<0.005
8/6/2024		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15	GWA-15
4/6/2016	0.799 (J)	
6/15/2016	0.32 (J)	
8/10/2016	<1	
10/4/2016	<1	
11/30/2016	<1	
2/7/2017	0.8 (J)	
4/4/2017	<1	
6/20/2017	<1	
10/4/2017	<1	
3/20/2018	1.2	
10/2/2018	<1	
3/26/2019	2.1	
9/10/2019	0.65 (J)	
3/18/2020	3.1	
9/9/2020	1.6	
4/1/2021	2.7	
8/11/2021	1.3	
2/15/2022	2.6	
8/25/2022	1.9	
2/28/2023		3.5
8/3/2023		1.7
3/4/2024		2.8
8/6/2024		1.3

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-16	GWA-16
4/6/2016	<1	
6/15/2016	0.22 (J)	
8/10/2016	<1	
10/4/2016	<1	
11/29/2016	<1	
2/7/2017	<1	
4/4/2017	<1	
6/20/2017	<1	
10/5/2017	<1	
3/20/2018	<1	
10/2/2018	<1	
3/26/2019	<1	
9/10/2019	<1	
3/18/2020	0.67 (J)	
9/9/2020	<1	
4/1/2021	<1	
8/11/2021	<1	
2/15/2022	<1	
8/25/2022	<1	
2/28/2023		1.4
8/3/2023		0.4 (J)
2/28/2024		<1
8/6/2024		<1

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17	GWA-17
4/6/2016	<1	
6/15/2016	0.18 (J)	
8/10/2016	<1	
10/5/2016	<1	
11/29/2016	<1	
2/7/2017	<1	
4/4/2017	<1	
6/20/2017	<1	
10/5/2017	<1	
3/20/2018	<1	
10/2/2018	<1	
3/26/2019	0.58 (J)	
9/10/2019	0.44 (J)	
3/18/2020	0.51 (J)	
9/9/2020	<1	
4/1/2021	<1	
8/11/2021	<1	
2/15/2022	<1	
8/24/2022	<1	
2/28/2023		1.3
8/3/2023		<1
2/28/2024		<1
8/6/2024		<1

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-1	GWC-1
4/12/2016	0.617 (J)	
6/16/2016	0.72 (J)	
8/11/2016	<1	
10/4/2016	<1	
11/30/2016	<1	
2/7/2017	0.92 (J)	
4/5/2017	1	
6/20/2017	0.76 (J)	
10/4/2017	<1	
3/20/2018	0.95 (J)	
10/2/2018	<1	
3/26/2019	0.53 (J)	
9/10/2019	0.69 (J)	
3/18/2020	0.84 (J)	
9/9/2020	0.77 (J)	
4/1/2021	<1	
8/18/2021	0.79 (J)	
2/15/2022	1.5	
8/24/2022	<1	
2/27/2023		1.6
8/9/2023		0.46 (J)
3/1/2024		0.79 (J)
8/6/2024		<1

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-2	GWC-2
4/12/2016	0.56 (J)	
6/16/2016	0.69 (J)	
8/11/2016	<1	
10/4/2016	<1	
11/30/2016	<1	
2/7/2017	<1	
4/6/2017	<1	
6/20/2017	<1	
10/4/2017	<1	
3/20/2018	<1	
10/2/2018	<1	
3/26/2019	0.99 (J)	
9/10/2019	0.63 (J)	
3/18/2020	0.59 (J)	
9/9/2020	0.59 (J)	
4/1/2021	1.1	
8/12/2021	<1	
2/15/2022	0.79 (J)	
8/26/2022	1.1	
2/27/2023		1.6
8/9/2023		0.51 (J)
3/1/2024		1.2
8/6/2024		0.43 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-3
4/12/2016	0.419 (J)	
6/20/2016	0.6 (J)	
8/16/2016	<1	
10/5/2016	<1	
11/30/2016	1.1	
2/8/2017	<1	
4/6/2017	<1	
6/21/2017	<1	
10/5/2017	<1	
3/21/2018	<1	
10/3/2018	<1	
3/26/2019	0.47 (J)	
9/10/2019	0.7 (J)	
3/18/2020	0.6 (J)	
9/10/2020	<1	
4/6/2021	<1	
8/12/2021	<1	
2/15/2022	0.91 (J)	
8/25/2022	0.99 (J)	
2/28/2023		4.7
5/2/2023		4.2
8/9/2023		3.6
10/4/2023		3.1
3/4/2024		10
5/20/2024		0.64 (J)
8/7/2024		15
11/7/2024		18

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
4/12/2016	3.56	
6/20/2016	2.4	
8/16/2016	1.7	
10/6/2016	1.2	
11/30/2016	1.2	
2/8/2017	4.6	
4/6/2017	4.1	
6/22/2017	3.4	
10/6/2017	3	
3/21/2018	4.9	
10/3/2018	2.9	
3/26/2019	3.2	
9/10/2019	1.7	
3/19/2020	4.6	
9/10/2020	1.6	
4/2/2021		4.6
8/12/2021		3.5
2/15/2022		20
5/12/2022		33
8/25/2022		19
12/28/2022		32
2/27/2023		56
8/8/2023		53
2/29/2024		84
8/7/2024		73

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-5	GWC-5
4/19/2016	575 (O)	
6/22/2016	470	
8/16/2016	360	
10/6/2016	300	
12/1/2016	340	
2/9/2017	350	
4/6/2017	380	
6/21/2017	490	
10/5/2017	380	
3/22/2018	400	
10/3/2018	270	
3/27/2019	260	
9/11/2019	130	
3/18/2020	170	
9/9/2020	110	
4/1/2021	100	
8/12/2021	140	
2/15/2022	100	
8/25/2022	100	
2/28/2023		87
8/8/2023		79
2/29/2024		75
8/6/2024		73

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-6	GWC-6
4/12/2016	7.55	
6/20/2016	14	
8/16/2016	12	
10/6/2016	13	
11/30/2016	14	
2/9/2017	9.5	
4/6/2017	9.7	
6/21/2017	13	
10/6/2017	7.3	
3/21/2018	9.5	
10/3/2018	10	
3/26/2019	6.3	
9/11/2019	12	
3/18/2020	5.6	
9/10/2020	9.4	
6/2/2021	13	
8/11/2021	11	
2/15/2022	13	
8/25/2022	12	
2/27/2023		13
8/8/2023		6.5
2/29/2024		25
5/20/2024		18
8/7/2024		13

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-7	GWC-7
4/13/2016	<1	
6/20/2016	0.36 (J)	
8/15/2016	<1	
10/6/2016	<1	
12/1/2016	<1	
2/9/2017	<1	
4/7/2017	<1	
6/22/2017	<1	
10/6/2017	<1	
3/22/2018	<1	
10/4/2018	<1	
3/27/2019	0.51 (J)	
9/11/2019	0.52 (J)	
3/19/2020	0.54 (J)	
9/10/2020	<1	
4/1/2021	<1	
8/11/2021	<1	
2/15/2022	<1	
8/25/2022	<1	
2/27/2023		1.4
8/8/2023		<1
2/29/2024		1.5
8/6/2024		1.4

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-8A
4/19/2016	32.7	
10/10/2016	33	
12/1/2016	31	
2/9/2017	34	
4/7/2017	37	
6/21/2017	35	
8/15/2017	42	
9/1/2017	40	
10/9/2017	40	
3/22/2018	39	
10/4/2018	30	
3/27/2019	18	
9/11/2019	32	
3/18/2020	16	
9/9/2020	11	
6/1/2021	17	
8/12/2021	27	
2/15/2022	11	
8/25/2022	22	
2/27/2023		12
8/8/2023		7.8
2/29/2024		18
8/6/2024		21

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-9	GWC-9
4/13/2016	8.66	
6/22/2016	6.3	
8/15/2016	8	
10/6/2016	10	
12/1/2016	15	
2/8/2017	13	
4/6/2017	14	
6/21/2017	11	
10/5/2017	10	
3/21/2018	12	
10/2/2018	8.2	
3/27/2019	6.8	
9/11/2019	9.6	
3/18/2020	6.9	
9/9/2020	8.4	
4/1/2021	9.7	
8/12/2021	9.7	
2/15/2022	7.2	
8/25/2022	19	
2/27/2023		13
8/8/2023		13
3/1/2024		17
8/6/2024		22
11/6/2024		30

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-10	GWC-10
4/13/2016	0.51 (J)	
6/21/2016	0.58 (J)	
8/15/2016	<1	
10/5/2016	<1	
12/1/2016	<1	
2/8/2017	1	
4/6/2017	0.81 (J)	
6/21/2017	1.1	
10/5/2017	1.1	
3/21/2018	1.1	
10/2/2018	1.2	
3/27/2019		1.6
9/11/2019		1.8
3/18/2020		2.4
9/9/2020		2.6
4/1/2021		2.7
8/17/2021		1.2
2/15/2022		3.5
5/12/2022		2.7
8/25/2022		3.7
2/21/2023		4.7
5/2/2023		4.3
8/9/2023		2.3
3/1/2024		4.7
5/20/2024		3.9
8/6/2024		4.4

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-11	GWC-11
4/13/2016	<1	
6/21/2016	0.16 (J)	
8/15/2016	<1	
10/5/2016	<1	
12/1/2016	<1	
2/8/2017	<1	
4/6/2017	<1	
6/20/2017	<1	
10/5/2017	<1	
3/21/2018	<1	
10/2/2018	<1	
3/27/2019	<1	
9/11/2019	0.63 (J)	
3/18/2020	<1	
9/10/2020	<1	
4/1/2021	<1	
8/11/2021	<1	
2/16/2022	<1	
8/25/2022	<1	
2/27/2023		0.88 (J)
8/9/2023		<1
2/29/2024		<1
8/6/2024		<1

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-12	GWC-12
4/13/2016	<1	
6/21/2016	0.2 (J)	
8/15/2016	<1	
10/5/2016	<1	
12/1/2016	<1	
2/8/2017	<1	
4/5/2017	<1	
6/20/2017	<1	
10/5/2017	<1	
3/21/2018	<1	
10/2/2018	<1	
3/26/2019	0.49 (J)	
9/11/2019	0.5 (J)	
3/18/2020	1.3	
9/10/2020	<1	
4/1/2021	<1	
8/11/2021	<1	
2/16/2022	<1	
8/26/2022	0.77 (J)	
2/27/2023		1.2
8/9/2023		<1
2/29/2024		<1
8/6/2024		<1

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-13
4/13/2016	0.646 (J)	
6/21/2016	0.57 (J)	
8/15/2016	<1	
10/7/2016	<1	
12/1/2016	<1	
2/9/2017	<1	
4/6/2017	<1	
6/22/2017	<1	
10/6/2017	<1	
3/22/2018	<1	
10/3/2018	<1	
3/26/2019	1.3	
9/11/2019	0.81 (J)	
3/18/2020	25 (O)	
9/10/2020	1.3	
4/6/2021	0.9 (J)	
8/11/2021	0.89 (J)	
2/16/2022	<1	
8/26/2022	1.3	
2/27/2023		1.6
8/9/2023		1.3
3/1/2024		1.2
8/6/2024		<1

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-14	GWC-14
4/13/2016	<1	
6/21/2016	0.16 (J)	
8/15/2016	<1	
10/4/2016	<1	
12/1/2016	<1	
2/7/2017	<1	
4/6/2017	<1	
6/20/2017	<1	
10/5/2017	<1	
3/20/2018	<1	
10/2/2018	<1	
3/26/2019	0.64 (J)	
9/11/2019	0.5 (J)	
3/18/2020	<1	
9/9/2020	<1	
4/1/2021	<1	
8/11/2021	<1	
2/16/2022	<1	
8/26/2022	0.79 (J)	
2/27/2023		1.2
8/9/2023		<1
3/1/2024		<1
8/8/2024		<1

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-18	GWC-18
4/11/2016	<1	
6/16/2016	0.19 (J)	
8/11/2016	<1	
10/5/2016	<1	
11/29/2016	<1	
2/8/2017	<1	
4/6/2017	<1	
6/21/2017	<1	
10/5/2017	<1	
3/20/2018	<1	
10/2/2018	<1	
3/26/2019	0.39 (J)	
9/11/2019	0.61 (J)	
3/18/2020	0.62 (J)	
9/9/2020	<1	
4/1/2021	<1	
8/11/2021	<1	
2/16/2022	<1	
8/25/2022	<1	
2/28/2023		1.2
8/9/2023		<1
2/29/2024		1.8
8/6/2024		<1

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-19	GWC-19
4/11/2016	<1	
6/16/2016	0.23 (J)	
8/11/2016	<1	
10/5/2016	<1	
11/29/2016	<1	
2/8/2017	<1	
4/5/2017	<1	
6/21/2017	<1	
10/5/2017	<1	
3/20/2018	<1	
10/2/2018	<1	
3/26/2019	<1	
9/12/2019	<1	
3/19/2020	0.64 (J)	
9/9/2020	1.2	
6/1/2021	1.9	
8/11/2021	<1	
2/16/2022	<1	
8/25/2022	<1	
2/28/2023		1.2
8/8/2023		<1
2/29/2024		<1
8/6/2024		<1

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-20	GWC-20
4/12/2016	<1	
6/16/2016	0.32 (J)	
8/11/2016	<1	
10/5/2016	<1	
11/30/2016	<1	
2/8/2017	<1	
4/6/2017	<1	
6/21/2017	<1	
10/5/2017	<1	
3/21/2018	<1	
10/3/2018	<1	
3/26/2019	0.45 (J)	
9/12/2019	<1	
3/19/2020	0.71 (J)	
9/10/2020	<1	
6/1/2021	1.4	
8/11/2021	<1	
2/16/2022	<1	
8/25/2022	<1	
2/28/2023		1.3
8/8/2023		<1
3/1/2024		0.68 (J)
8/6/2024		<1

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: TDS (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15	GWA-15
4/6/2016	38	
6/15/2016	<10	
8/10/2016	56	
10/4/2016	48	
11/30/2016	46	
2/7/2017	18	
4/4/2017	32	
6/20/2017	38	
10/4/2017	42	
3/20/2018	20	
10/2/2018	48	
3/26/2019	45	
9/10/2019	42	
3/18/2020	43	
9/9/2020	<10	
4/1/2021	55	
8/11/2021	55	
2/15/2022	42	
8/25/2022	86	
2/28/2023		50
8/3/2023		53
3/4/2024		41
8/6/2024		53

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: TDS (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-16	GWA-16
4/6/2016	84	
6/15/2016	139	
8/10/2016	80	
10/4/2016	62	
11/29/2016	110	
2/7/2017	70	
4/4/2017	120	
6/20/2017	76	
10/5/2017	110	
3/20/2018	110	
10/2/2018	110	
3/26/2019	100	
9/10/2019	75	
3/18/2020	93	
9/9/2020	66	
4/1/2021	100	
8/11/2021	100	
2/15/2022	99	
8/25/2022	130	
2/28/2023		110
8/3/2023		110
2/28/2024		100
8/6/2024		110

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: TDS (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17	GWA-17
4/6/2016	61	
6/15/2016	113	
8/10/2016	74	
10/5/2016	44	
11/29/2016	58	
2/7/2017	4 (J)	
4/4/2017	78	
6/20/2017	50	
10/5/2017	64	
3/20/2018	90	
10/2/2018	90	
3/26/2019	82	
9/10/2019	51	
3/18/2020	75	
9/9/2020	64	
4/1/2021	68	
8/11/2021	94	
2/15/2022	79	
8/24/2022	110	
2/28/2023		94
8/3/2023		85
2/28/2024		85
8/6/2024		86

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: TDS (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-1	GWC-1
4/12/2016	147	
6/16/2016	150	
8/11/2016	110	
10/4/2016	140	
11/30/2016	130	
2/7/2017	130	
4/5/2017	130	
6/20/2017	120	
10/4/2017	130	
3/20/2018	110	
10/2/2018	140	
3/26/2019	150	
9/10/2019	130	
3/18/2020	130	
9/9/2020	120	
4/1/2021	120	
8/18/2021	150	
2/15/2022	120	
8/24/2022	160	
2/27/2023		160
8/9/2023		140
3/1/2024		150
8/6/2024		140

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: TDS (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-2	GWC-2
4/12/2016	93	
6/16/2016	130	
8/11/2016	92	
10/4/2016	120	
11/30/2016	130	
2/7/2017	36	
4/6/2017	150	
6/20/2017	92	
10/4/2017	120	
3/20/2018	120	
10/2/2018	140	
3/26/2019	130	
9/10/2019	140	
3/18/2020	140	
9/9/2020	110	
4/1/2021	120	
8/12/2021	130	
2/15/2022	120	
8/26/2022	180	
2/27/2023		140
8/9/2023		120
3/1/2024		140
8/6/2024		130

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: TDS (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-3
4/12/2016	92	
6/20/2016	78	
8/16/2016	76	
10/5/2016	64	
11/30/2016	82	
2/8/2017	92	
4/6/2017	88	
6/21/2017	88	
10/5/2017	86	
3/21/2018	98	
10/3/2018	60	
3/26/2019	86	
9/10/2019	66	
3/18/2020	72	
9/10/2020	59	
4/6/2021	81	
8/12/2021	89	
2/15/2022	53	
8/25/2022	110	
2/28/2023		72
8/9/2023		88
3/4/2024		99
8/7/2024		100

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: TDS (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
4/12/2016	80	
6/20/2016	111	
8/16/2016	100	
10/6/2016	110	
11/30/2016	110	
2/8/2017	120	
4/6/2017	130	
6/22/2017	110	
10/6/2017	120	
3/21/2018	160	
10/3/2018	120	
3/26/2019	130	
9/10/2019	93	
3/19/2020	130	
9/10/2020	130	
4/2/2021	150	
8/12/2021	130	
2/15/2022	140	
8/25/2022	170	
2/27/2023		240
5/2/2023		290
8/8/2023		220
2/29/2024		260
8/7/2024		250

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: TDS (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-5	GWC-5
4/19/2016	1290	
6/22/2016	1060	
8/16/2016	880	
10/6/2016	820	
12/1/2016	900	
2/9/2017	940	
4/6/2017	1100	
6/21/2017	1200	
10/5/2017	950	
3/22/2018	1000	
10/3/2018	620	
3/27/2019	580	
9/11/2019	310	
3/18/2020	430	
9/9/2020	270	
4/1/2021	260	
8/12/2021	370	
2/15/2022	290	
8/25/2022	290	
2/28/2023		240
8/8/2023		230
2/29/2024		190
8/6/2024		210

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: TDS (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-6	GWC-6
4/12/2016	138	
6/20/2016	154	
8/16/2016	140	
10/6/2016	150	
11/30/2016	160	
2/9/2017	160	
4/6/2017	140	
6/21/2017	150	
10/6/2017	160	
3/21/2018	170	
10/3/2018	120	
3/26/2019	130	
9/11/2019	120	
3/18/2020	140	
9/10/2020	140	
6/2/2021	140	
8/11/2021	160	
2/15/2022	140	
8/25/2022	170	
2/27/2023		150
8/8/2023		110
2/29/2024		160
8/7/2024		150

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: TDS (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-7	GWC-7
4/13/2016	130	
6/20/2016	116	
8/15/2016	92	
10/6/2016	110	
12/1/2016	140	
2/9/2017	120	
4/7/2017	120	
6/22/2017	100	
10/6/2017	140	
3/22/2018	130	
10/4/2018	110	
3/27/2019	120	
9/11/2019	100	
3/19/2020	98	
9/10/2020	120	
4/1/2021	110	
8/11/2021	130	
2/15/2022	140	
8/25/2022	150	
2/27/2023		140
8/8/2023		130
2/29/2024		130
8/6/2024		130

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: TDS (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-8A
4/19/2016	179	
10/10/2016	110 (O)	
12/1/2016	170	
2/9/2017	180	
4/7/2017	200	
6/21/2017	190	
8/15/2017	190	
9/1/2017	160	
10/9/2017	230	
3/22/2018	220	
10/17/2018	170	
3/27/2019	300	
9/11/2019	210	
3/18/2020	300	
9/9/2020	360	
6/1/2021	340	
8/12/2021	240	
2/15/2022	330	
8/25/2022	270	
2/27/2023		340
8/8/2023	910 (o)	
10/4/2023		240
2/29/2024		270
8/6/2024		230

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: TDS (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-9	GWC-9
4/13/2016	135	
6/22/2016	199	
8/15/2016	120	
10/6/2016	140	
12/1/2016	160	
2/8/2017	130	
4/6/2017	140	
6/21/2017	150	
10/5/2017	170	
3/21/2018	160	
10/2/2018	34	
3/27/2019	140	
9/11/2019	130	
3/18/2020	130	
9/9/2020	150	
4/1/2021	120	
8/12/2021	150	
2/15/2022	140	
8/25/2022	180	
2/27/2023		170
8/8/2023		150
3/1/2024		160
8/6/2024		170

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: TDS (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-10	GWC-10
4/13/2016	103	
6/21/2016	214 (O)	
8/15/2016	130	
10/5/2016	84	
12/1/2016	130	
2/8/2017	130	
4/6/2017	130	
6/21/2017	120	
10/5/2017	140	
3/21/2018	120	
10/2/2018	150	
3/27/2019	140	
9/11/2019	110	
3/18/2020	140	
9/9/2020	160	
4/1/2021	140	
8/17/2021	160	
2/15/2022	150	
8/25/2022	170	
2/21/2023		150
8/9/2023		140
3/1/2024		150
8/6/2024		140

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: TDS (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-11	GWC-11
4/13/2016	99	
6/21/2016	293 (O)	
8/15/2016	90	
10/5/2016	70	
12/1/2016	120	
2/8/2017	86	
4/6/2017	130	
6/20/2017	86	
10/5/2017	94	
3/21/2018	100	
10/2/2018	120	
3/27/2019	100	
9/11/2019	94	
3/18/2020	100	
9/10/2020	95	
4/1/2021	90	
8/11/2021	120	
2/16/2022	79	
8/25/2022	130	
2/27/2023		120
8/9/2023		98
2/29/2024		110
8/6/2024		100

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: TDS (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-12	GWC-12
4/13/2016	<5	
6/21/2016	110	
8/15/2016	<5	
10/5/2016	<5	
12/1/2016	16	
2/8/2017	12	
4/5/2017	18	
6/20/2017	<5	
10/5/2017	28	
3/21/2018	28	
10/2/2018	38	
3/26/2019	29	
9/11/2019	14	
3/18/2020	26	
9/10/2020	13	
4/1/2021	17	
8/11/2021	18	
2/16/2022	16	
8/26/2022	29	
2/27/2023		39
8/9/2023		27
2/29/2024		32
8/6/2024		28

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: TDS (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-13
4/13/2016	60	
6/21/2016	195 (O)	
8/15/2016	42	
10/7/2016	24	
12/1/2016	68	
2/9/2017	56	
4/6/2017	68	
6/22/2017	56	
10/6/2017	90	
3/22/2018	76	
10/3/2018	22	
3/26/2019	59	
9/11/2019	33	
3/18/2020	100	
9/10/2020	60	
4/6/2021	55	
8/11/2021	75	
2/16/2022	55	
8/26/2022	84	
2/27/2023		87
8/9/2023		74
3/1/2024		74
8/6/2024		78

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: TDS (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-14	GWC-14
4/13/2016	56	
6/21/2016	68	
8/15/2016	46	
10/4/2016	60	
12/1/2016	70	
2/7/2017	40	
4/6/2017	74	
6/20/2017	34	
10/5/2017	98	
3/20/2018	42	
10/2/2018	40	
3/26/2019	60	
9/11/2019	26	
3/18/2020	57	
9/9/2020	54	
4/1/2021	43	
8/11/2021	71	
2/16/2022	46	
8/26/2022	91	
2/27/2023		70
8/9/2023		64
3/1/2024		63
8/8/2024		65

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: TDS (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-18	GWC-18
4/11/2016	89	
6/16/2016	88	
8/11/2016	52	
10/5/2016	76	
11/29/2016	72	
2/8/2017	74	
4/6/2017	84	
6/21/2017	88	
10/5/2017	110	
3/20/2018	92	
10/2/2018	100	
3/26/2019	94	
9/11/2019	77	
3/18/2020	92	
9/9/2020	77	
4/1/2021	62	
8/11/2021	98	
2/16/2022	70	
8/25/2022	130	
2/28/2023		100
8/9/2023		95
2/29/2024		96
8/6/2024		95

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: TDS (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-19	GWC-19
4/11/2016	99	
6/16/2016	102	
8/11/2016	38	
10/5/2016	26	
11/29/2016	82	
2/8/2017	78	
4/5/2017	100	
6/21/2017	100	
10/5/2017	100	
3/20/2018	100	
10/2/2018	130	
3/26/2019	100	
9/12/2019	70	
3/19/2020	110	
9/9/2020	120	
6/1/2021	130	
8/11/2021	120	
2/16/2022	110	
8/25/2022	150	
2/28/2023		130
8/8/2023		130
2/29/2024		130
8/6/2024		130

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: TDS (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-20	GWC-20
4/12/2016	104	
6/16/2016	111	
8/11/2016	70	
10/5/2016	92	
11/30/2016	92	
2/8/2017	98	
4/6/2017	92	
6/21/2017	100	
10/5/2017	130	
3/21/2018	100	
10/3/2018	130	
3/26/2019	110	
9/12/2019	84	
3/19/2020	120	
9/10/2020	110	
6/1/2021	120	
8/11/2021	110	
2/16/2022	110	
8/25/2022	140	
2/28/2023		120
8/8/2023		130
3/1/2024		130
8/6/2024		120

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Thallium (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15	GWA-15
5/9/2010	<0.001	
6/18/2010	<0.001	
7/28/2010	<0.001	
9/9/2010	<0.001	
4/30/2011	<0.001	
10/28/2011	<0.001	
5/2/2012	<0.001	
11/9/2012	<0.001	
5/8/2013	<0.001	
11/5/2013	<0.001	
5/20/2014	<0.001	
11/12/2014	<0.001	
5/22/2015	<0.001	
11/11/2015	<0.001	
4/6/2016	<0.001	
6/15/2016	<0.001	
8/10/2016	<0.001	
10/4/2016	<0.001	
11/30/2016	<0.001	
2/7/2017	<0.001	
4/4/2017	<0.001	
6/20/2017	<0.001	
10/4/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	<0.001	
3/18/2020	<0.001	
9/9/2020	0.00025 (J)	
4/1/2021	<0.001	
8/11/2021	<0.001	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/28/2023		<0.001
8/3/2023		<0.001
3/4/2024		<0.001
8/6/2024		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Thallium (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-16	GWA-16
5/9/2010	<0.001	
6/16/2010	<0.001	
7/27/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	<0.001	
10/28/2011	<0.001	
5/2/2012	<0.001	
11/9/2012	<0.001	
5/8/2013	0.0003 (J)	
11/6/2013	<0.001	
5/20/2014	<0.001	
11/8/2014	<0.001	
5/22/2015	<0.001	
11/9/2015	<0.001	
4/6/2016	<0.001	
6/15/2016	<0.001	
8/10/2016	<0.001	
10/4/2016	<0.001	
11/29/2016	<0.001	
2/7/2017	<0.001	
4/4/2017	<0.001	
6/20/2017	<0.001	
10/5/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	0.00021 (J)	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/1/2021	<0.001	
8/11/2021	<0.001	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/28/2023		<0.001
8/3/2023		<0.001
2/28/2024		<0.001
8/6/2024		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Thallium (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17	GWA-17
5/8/2010	<0.001	
6/16/2010	<0.001	
7/26/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	<0.001	
10/28/2011	<0.001	
5/2/2012	<0.001	
11/9/2012	<0.001	
5/8/2013	<0.001	
11/6/2013	<0.001	
5/20/2014	<0.001	
11/8/2014	<0.001	
5/22/2015	<0.001	
11/9/2015	<0.001	
4/6/2016	<0.001	
6/15/2016	<0.001	
8/10/2016	<0.001	
10/5/2016	<0.001	
11/29/2016	<0.001	
2/7/2017	<0.001	
4/4/2017	<0.001	
6/20/2017	<0.001	
10/5/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	0.00023 (J)	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/1/2021	<0.001	
8/11/2021	<0.001	
2/15/2022	<0.001	
8/24/2022	<0.001	
2/28/2023		<0.001
8/3/2023		<0.001
2/28/2024		<0.001
8/6/2024		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Thallium (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-1	GWC-1
5/11/2010	<0.001	
6/17/2010	<0.001	
7/27/2010	<0.001	
9/9/2010	<0.001	
4/28/2011	<0.001	
10/29/2011	<0.001	
5/3/2012	<0.001	
11/9/2012	<0.001	
5/9/2013	<0.001	
11/5/2013	<0.001	
5/23/2014	<0.001	
11/13/2014	<0.001	
5/23/2015	<0.001	
11/11/2015	<0.001	
4/12/2016	<0.001	
6/16/2016	<0.001	
8/11/2016	<0.001	
10/4/2016	<0.001	
11/30/2016	<0.001	
2/7/2017	<0.001	
4/5/2017	<0.001	
6/20/2017	<0.001	
10/4/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	<0.001	
3/18/2020	0.00049 (J)	
9/9/2020	<0.001	
4/1/2021	0.00027 (J)	
8/18/2021	<0.001	
2/15/2022	<0.001	
8/24/2022	<0.001	
2/27/2023		<0.001
8/9/2023		<0.001
3/1/2024		<0.001
8/6/2024		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Thallium (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-2	GWC-2
5/11/2010	<0.001	
6/19/2010	<0.001	
7/27/2010	<0.001	
9/9/2010	<0.001	
4/28/2011	<0.001	
10/28/2011	<0.001	
5/3/2012	<0.001	
11/9/2012	<0.001	
5/9/2013	<0.001	
11/5/2013	<0.001	
5/22/2014	<0.001	
11/13/2014	<0.001	
5/24/2015	<0.001	
11/11/2015	<0.001	
4/12/2016	<0.001	
6/16/2016	<0.001	
8/11/2016	<0.001	
10/4/2016	<0.001	
11/30/2016	<0.001	
2/7/2017	<0.001	
4/6/2017	<0.001	
6/20/2017	<0.001	
10/4/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	<0.001	
3/18/2020	0.00025 (J)	
9/9/2020	<0.001	
4/1/2021	<0.001	
8/12/2021	<0.001	
2/15/2022	<0.001	
8/26/2022	<0.001	
2/27/2023		<0.001
8/9/2023		<0.001
3/1/2024		<0.001
8/6/2024		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Thallium (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
5/11/2010	<0.001	
6/17/2010	<0.001	
7/28/2010	<0.001	
9/8/2010	<0.001	
4/28/2011	<0.001	
10/29/2011	<0.001	
5/3/2012	<0.001	
11/10/2012	<0.001	
5/10/2013	<0.001	
11/6/2013	<0.001	
5/22/2014	<0.001	
11/9/2014	<0.001	
5/22/2015	<0.001	
11/11/2015	<0.001	
4/12/2016	<0.001	
6/20/2016	<0.001	
8/12/2016	<0.001	
10/6/2016	<0.001	
11/30/2016	<0.001	
2/8/2017	<0.001	
4/6/2017	<0.001	
6/22/2017	<0.001	
10/6/2017	<0.001	
3/21/2018	<0.001	
10/3/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	<0.001	
3/19/2020	0.00036 (J)	
9/10/2020	<0.001	
4/2/2021	<0.001	
8/12/2021	<0.001	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/27/2023		<0.001
8/8/2023		<0.001
2/29/2024		<0.001
8/7/2024		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Thallium (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-5	GWC-5
5/11/2010	<0.001	
6/18/2010	<0.001	
7/27/2010	<0.001	
9/9/2010	<0.001	
4/29/2011	<0.001	
10/28/2011	<0.001	
5/4/2012	<0.001	
11/10/2012	<0.001	
5/9/2013	<0.001	
11/6/2013	<0.001	
5/22/2014	<0.001	
11/9/2014	<0.001	
5/24/2015	<0.001	
11/11/2015	<0.001	
4/19/2016	<0.001	
6/22/2016	<0.001	
8/16/2016	<0.001	
10/6/2016	<0.001	
12/1/2016	<0.001	
2/9/2017	<0.001	
4/6/2017	<0.001	
6/21/2017	<0.001	
10/5/2017	<0.001	
3/22/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/1/2021	<0.001	
8/12/2021	0.00037 (J)	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/28/2023		<0.001
8/8/2023		<0.001
2/29/2024		<0.001
8/6/2024		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Thallium (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-6	GWC-6
5/11/2010	<0.001	
6/18/2010	<0.001	
7/27/2010	<0.001	
9/9/2010	<0.001	
4/30/2011	<0.001	
10/29/2011	<0.001	
5/4/2012	<0.001	
11/10/2012	<0.001	
5/9/2013	<0.001	
11/7/2013	<0.001	
5/21/2014	<0.001	
11/9/2014	<0.001	
5/24/2015	<0.001	
11/11/2015	<0.001	
4/12/2016	<0.001	
6/20/2016	<0.001	
8/12/2016	<0.001	
10/6/2016	<0.001	
11/30/2016	<0.001	
2/9/2017	<0.001	
4/6/2017	<0.001	
6/21/2017	<0.001	
10/6/2017	<0.001	
3/21/2018	<0.001	
10/3/2018	<0.001	
3/26/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	<0.001	
9/10/2020	<0.001	
4/5/2021	0.0003 (J)	
8/11/2021	0.0002 (J)	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/27/2023		<0.001
8/8/2023		<0.001
2/29/2024		<0.001
8/7/2024		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Thallium (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-7	GWC-7
5/10/2010	<0.001	
6/18/2010	<0.001	
7/28/2010	<0.001	
9/9/2010	<0.001	
4/30/2011	<0.001	
10/29/2011	0.00027 (J)	
5/4/2012	<0.001	
11/10/2012	<0.001	
5/9/2013	<0.001	
11/7/2013	0.00026 (J)	
5/21/2014	<0.001	
11/12/2014	<0.001	
5/24/2015	<0.001	
11/11/2015	<0.001	
4/13/2016	<0.001	
6/20/2016	<0.001	
8/15/2016	<0.001	
10/6/2016	<0.001	
12/1/2016	<0.001	
2/9/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/6/2017	<0.001	
3/22/2018	<0.001	
10/4/2018	<0.001	
3/27/2019	<0.001	
9/11/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	0.00019 (J)	
4/1/2021	<0.001	
8/11/2021	0.00043 (J)	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/27/2023		<0.001
8/8/2023		<0.001
2/29/2024		<0.001
8/6/2024		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Thallium (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-8A
5/10/2010	<0.001	
6/19/2010	<0.001	
7/28/2010	<0.001	
9/8/2010	<0.001	
4/30/2011	<0.001	
10/27/2011	<0.001	
5/4/2012	<0.001	
11/11/2012	<0.001	
5/10/2013	<0.001	
11/7/2013	<0.001	
5/21/2014	<0.001	
11/13/2014	<0.001	
5/23/2015	<0.001	
11/11/2015	<0.001	
4/19/2016	<0.001	
10/10/2016	<0.001	
12/1/2016	<0.001	
2/9/2017	<0.001	
4/7/2017	<0.001	
6/21/2017	<0.001	
8/15/2017	<0.001	
9/1/2017	<0.001	
10/9/2017	<0.001	
3/22/2018	<0.001	
10/4/2018	<0.001	
3/27/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/5/2021	0.00081 (J)	
8/12/2021	0.00043 (J)	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/27/2023		<0.001
8/8/2023		<0.001
2/29/2024		<0.001
8/6/2024		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Thallium (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-9	GWC-9
5/10/2010	<0.001	
6/16/2010	<0.001	
7/27/2010	<0.001	
9/8/2010	<0.001	
4/29/2011	<0.001	
10/27/2011	<0.001	
5/3/2012	<0.001	
11/11/2012	<0.001	
5/9/2013	<0.001	
11/6/2013	<0.001	
5/21/2014	<0.001	
11/12/2014	<0.001	
5/23/2015	<0.001	
11/12/2015	<0.001	
4/13/2016	<0.001	
6/22/2016	<0.001	
8/15/2016	<0.001	
10/6/2016	<0.001	
12/1/2016	<0.001	
2/8/2017	<0.001	
4/6/2017	<0.001	
6/21/2017	<0.001	
10/5/2017	<0.001	
3/21/2018	<0.001	
10/2/2018	<0.001	
3/27/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/1/2021	<0.001	
8/12/2021	0.00016 (J)	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/27/2023		<0.001
8/8/2023		<0.001
3/1/2024		<0.001
8/6/2024		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Thallium (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-19	GWC-19
5/11/2010	<0.001	
6/16/2010	<0.001	
7/27/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	<0.001	
10/28/2011	<0.001	
5/2/2012	<0.001	
11/9/2012	<0.001	
5/9/2013	<0.001	
11/6/2013	<0.001	
5/22/2014	<0.001	
11/8/2014	<0.001	
5/22/2015	<0.001	
11/10/2015	<0.001	
4/11/2016	<0.001	
6/16/2016	<0.001	
8/11/2016	<0.001	
10/5/2016	<0.001	
11/29/2016	<0.001	
2/8/2017	<0.001	
4/5/2017	<0.001	
6/21/2017	<0.001	
10/5/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/9/2020	<0.001	
4/5/2021	0.00032 (J)	
8/11/2021	<0.001	
2/16/2022	<0.001	
8/25/2022	<0.001	
2/28/2023		<0.001
8/8/2023		<0.001
2/29/2024		<0.001
8/6/2024		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15	GWA-15
5/9/2010	<0.002	
6/18/2010	<0.002	
7/28/2010	<0.002	
9/9/2010	<0.002	
4/30/2011	<0.002	
10/28/2011	<0.002	
5/2/2012	<0.002	
11/9/2012	<0.002	
5/8/2013	<0.002	
11/5/2013	<0.002	
5/20/2014	<0.002	
11/12/2014	0.0035 (J)	
5/22/2015	<0.002	
11/11/2015	<0.002	
4/6/2016	<0.002	
10/4/2016	0.0031	
4/4/2017	<0.002	
10/4/2017	0.0021 (J)	
3/20/2018	<0.002	
10/2/2018	<0.002	
3/26/2019	<0.002	
9/10/2019	0.0022	
3/18/2020	0.0011	
9/9/2020	<0.002	
4/1/2021	<0.002	
8/11/2021	<0.002	
2/15/2022	<0.002	
8/25/2022	<0.002	
2/28/2023		0.0011
8/3/2023		<0.002
3/4/2024		0.00066 (J)
8/6/2024		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-16	GWA-16
5/9/2010	0.0049 (J)	
6/16/2010	0.0054 (J)	
7/27/2010	0.0055 (J)	
9/7/2010	0.005 (J)	
4/29/2011	0.005 (J)	
10/28/2011	0.0081 (J)	
5/2/2012	0.0059 (J)	
11/9/2012	0.0062 (J)	
5/8/2013	0.0079 (J)	
11/6/2013	0.0068 (J)	
5/20/2014	0.0074 (J)	
11/8/2014	0.0097 (J)	
5/22/2015	0.0085 (J)	
11/9/2015	<0.01	
4/6/2016	0.00726 (J)	
10/4/2016	0.013	
4/4/2017	0.0046	
10/5/2017	0.0071	
3/20/2018	0.0067	
10/2/2018	0.0069	
3/26/2019	0.007	
9/10/2019	0.01	
3/18/2020	0.0078	
9/9/2020	0.0072	
4/1/2021	0.0078	
8/11/2021	0.0082	
2/15/2022	0.0077	
8/25/2022	0.0079	
2/28/2023		0.0087
8/3/2023		0.0086
2/28/2024		0.0087
8/6/2024		0.0082

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17	GWA-17
5/8/2010	0.0024 (J)	
6/16/2010	0.002 (J)	
7/26/2010	<0.01	
9/7/2010	0.0026 (J)	
4/29/2011	0.0036 (J)	
10/28/2011	<0.01	
5/2/2012	0.003 (J)	
11/9/2012	0.0081 (J)	
5/8/2013	<0.01	
11/6/2013	0.0032 (J)	
5/20/2014	0.0036 (J)	
11/8/2014	0.0065 (J)	
5/22/2015	<0.01	
11/9/2015	0.0047 (J)	
4/6/2016	0.00424 (J)	
10/5/2016	0.0049	
4/4/2017	0.0048	
10/5/2017	0.0024 (J)	
3/20/2018	0.0041	
10/2/2018	0.004	
3/26/2019	0.0051	
9/10/2019	0.0091	
3/18/2020	0.0051	
9/9/2020	0.0053	
4/1/2021	0.005	
8/11/2021	0.0055	
2/15/2022	0.0052	
8/24/2022	0.0051	
2/28/2023		0.0057
8/3/2023		0.0041
2/28/2024		0.0056
8/6/2024		0.0055

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-1	GWC-1
5/11/2010	0.012	
6/17/2010	0.0082 (J)	
7/27/2010	0.0096 (J)	
9/9/2010	0.0098 (J)	
4/28/2011	0.0085 (J)	
10/29/2011	0.011	
5/3/2012	0.013	
11/9/2012	0.013	
5/9/2013	0.012	
11/5/2013	0.015	
5/23/2014	0.015	
11/13/2014	0.02	
5/23/2015	0.018	
11/11/2015	0.018	
4/12/2016	0.0173	
10/4/2016	0.021	
4/5/2017	0.017	
10/4/2017	0.02	
3/20/2018	0.016	
10/2/2018	0.017	
3/26/2019	0.017	
9/10/2019	0.02	
3/18/2020	0.02	
9/9/2020	0.018	
4/1/2021	0.019	
8/18/2021	0.018	
2/15/2022	0.018	
8/24/2022	0.017	
2/27/2023		0.019
8/9/2023		0.019
3/1/2024		0.018
8/6/2024		0.019

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-2	GWC-2
5/11/2010	0.0078 (J)	
6/19/2010	<0.01	
7/27/2010	0.0096 (J)	
9/9/2010	0.0095 (J)	
4/28/2011	0.01	
10/28/2011	0.014	
5/3/2012	0.013	
11/9/2012	0.012	
5/9/2013	0.012	
11/5/2013	0.014	
5/22/2014	0.013	
11/13/2014	0.016	
5/24/2015	0.014	
11/11/2015	0.014	
4/12/2016	0.0155	
10/4/2016	0.017	
4/6/2017	0.015	
10/4/2017	0.015	
3/20/2018	0.014	
10/2/2018	0.015	
3/26/2019	0.016	
9/10/2019	0.018	
3/18/2020	0.016	
9/9/2020	0.014	
4/1/2021	0.014	
8/12/2021	0.016	
2/15/2022	0.016	
8/26/2022	0.015	
2/27/2023		0.016
8/9/2023		0.016
3/1/2024		0.015
8/6/2024		0.016

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-3
5/11/2010	0.0046 (J)	
6/17/2010	0.0046 (J)	
7/28/2010	0.019 (O)	
9/7/2010	0.0072 (J)	
4/29/2011	0.0052 (J)	
10/28/2011	0.0059 (J)	
5/3/2012	0.0049 (J)	
11/9/2012	0.007 (J)	
5/10/2013	0.0094 (J)	
11/6/2013	0.0059 (J)	
5/22/2014	0.0057 (J)	
11/9/2014	0.0069 (J)	
5/22/2015	0.006 (J)	
11/10/2015	0.011	
4/12/2016	0.00503 (J)	
10/5/2016	0.0072	
4/6/2017	0.0056	
10/5/2017	0.0061	
3/21/2018	0.0097	
10/3/2018	0.0053	
3/26/2019	0.0076	
9/10/2019	0.0078	
3/18/2020	0.0051	
9/10/2020	0.0061	
4/6/2021	0.0075	
8/12/2021	0.0087	
2/15/2022	0.0064	
8/25/2022	0.0072	
2/28/2023		0.0066
8/9/2023		0.0057
3/4/2024		0.0051
8/7/2024		0.0054

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
5/11/2010	0.0068 (J)	
6/17/2010	0.0079 (J)	
7/28/2010	0.0077 (J)	
9/8/2010	0.0077 (J)	
4/28/2011	0.0099 (J)	
10/29/2011	0.006 (J)	
5/3/2012	0.0084 (J)	
11/10/2012	0.0061 (J)	
5/10/2013	0.009 (J)	
11/6/2013	0.0089 (J)	
5/22/2014	0.0084 (J)	
11/9/2014	0.0076 (J)	
5/22/2015	0.011	
11/11/2015	0.0034 (J)	
4/12/2016	0.00654 (J)	
10/6/2016	0.0086	
4/6/2017	0.0073	
10/6/2017	0.0087	
3/21/2018	0.0058	
10/3/2018	0.006	
3/26/2019	0.011	
9/10/2019	0.0086	
3/19/2020	0.0065	
9/10/2020	0.0068	
4/2/2021	0.0081	
8/12/2021	0.007	
2/15/2022	0.0059	
8/25/2022	0.0059	
2/27/2023		0.0056
8/8/2023		0.0056
2/29/2024		0.0049
8/7/2024		0.0038

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-5	GWC-5
5/11/2010	0.0038 (J)	
6/18/2010	0.0044 (J)	
7/27/2010	0.0054 (J)	
9/9/2010	0.0053 (J)	
4/29/2011	0.0039 (J)	
10/28/2011	<0.0025	
5/4/2012	<0.0025	
11/10/2012	0.0035 (J)	
5/9/2013	0.004 (J)	
11/6/2013	0.0034 (J)	
5/22/2014	0.0047 (J)	
11/9/2014	0.0067 (J)	
5/24/2015	0.0033 (J)	
11/11/2015	<0.0025	
4/19/2016	<0.0025	
10/6/2016	<0.0025	
4/6/2017	0.0018 (J)	
10/5/2017	<0.0025	
3/22/2018	0.0018 (J)	
10/3/2018	0.0018 (J)	
3/27/2019	0.002 (J)	
9/11/2019	0.0047	
3/18/2020	0.002	
9/9/2020	0.002	
4/1/2021	0.0027	
8/12/2021	0.0021	
2/15/2022	0.0026	
8/25/2022	0.0026	
2/28/2023		0.003
8/8/2023		0.0018 (J)
2/29/2024		0.0029
8/6/2024		0.0023

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-6	GWC-6
5/11/2010	0.0055 (J)	
6/18/2010	0.0071 (J)	
7/27/2010	0.0085 (J)	
9/9/2010	0.0088 (J)	
4/30/2011	0.0094 (J)	
10/29/2011	0.009 (J)	
5/4/2012	0.0084 (J)	
11/10/2012	0.0089 (J)	
5/9/2013	0.0071 (J)	
11/7/2013	0.0094 (J)	
5/21/2014	0.0082 (J)	
11/9/2014	0.013	
5/24/2015	0.009 (J)	
11/11/2015	0.0052 (J)	
4/12/2016	0.00896 (J)	
10/6/2016	0.009	
4/6/2017	0.0089	
10/6/2017	0.011	
3/21/2018	0.0077	
10/3/2018	0.0081	
3/26/2019	0.012	
9/11/2019	0.012	
3/18/2020	0.0099	
9/10/2020	0.0094	
4/5/2021	0.0091	
8/11/2021	0.0099	
2/15/2022	0.0094	
8/25/2022	0.011	
2/27/2023		0.0097
8/8/2023		0.0094
2/29/2024		0.0093
8/7/2024		0.0091

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-7	GWC-7
5/10/2010	0.011	
6/18/2010	0.017	
7/28/2010	0.012	
9/9/2010	0.013	
4/30/2011	0.012	
10/29/2011	0.013	
5/4/2012	0.012	
11/10/2012	0.012	
5/9/2013	0.013	
11/7/2013	0.014	
5/21/2014	0.013	
11/12/2014	0.015	
5/24/2015	0.015	
11/11/2015	0.0055 (J)	
4/13/2016	0.0127	
10/6/2016	0.012	
4/7/2017	0.013	
10/6/2017	0.015	
3/22/2018	0.012	
10/4/2018	0.012	
3/27/2019	0.013	
9/11/2019	0.015	
3/19/2020	0.014	
9/10/2020	0.014	
4/1/2021	0.014	
8/11/2021	0.013	
2/15/2022	0.013	
8/25/2022	0.014	
2/27/2023		0.014
8/8/2023		0.012
2/29/2024		0.013
8/6/2024		0.013

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-8A
5/10/2010	0.013	
6/19/2010	0.0075 (J)	
7/28/2010	0.01	
9/8/2010	0.038	
4/30/2011	0.053 (O)	
10/27/2011	0.016	
5/4/2012	0.018	
11/11/2012	0.025	
5/10/2013	0.09 (O)	
11/7/2013	0.02	
5/21/2014	0.016	
11/13/2014	0.065 (O)	
5/23/2015	0.032	
11/11/2015	0.033	
4/19/2016	0.0233	
10/10/2016	0.019	
4/7/2017	0.0044	
10/9/2017	0.0047	
3/22/2018	0.0043	
10/4/2018	<0.002	
3/27/2019	0.003	
9/11/2019	0.0042	
3/18/2020	0.0031	
9/9/2020	<0.002	
4/5/2021	0.0023	
8/12/2021	<0.002	
2/15/2022	0.00079 (J)	
8/25/2022	0.0023	
2/27/2023		0.0019
8/8/2023		<0.002
2/29/2024		<0.002
8/6/2024		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-9	GWC-9
5/10/2010	0.0097 (J)	
6/16/2010	0.01	
7/27/2010	0.012	
9/8/2010	0.013	
4/29/2011	0.0097 (J)	
10/27/2011	0.015	
5/3/2012	0.017	
11/11/2012	0.017	
5/9/2013	0.014	
11/6/2013	0.019	
5/21/2014	0.016	
11/12/2014	0.022	
5/23/2015	0.016	
11/12/2015	0.015	
4/13/2016	0.0144	
10/6/2016	0.02	
4/6/2017	0.016	
10/5/2017	0.024	
3/21/2018	0.018	
10/2/2018	0.021	
3/27/2019	0.019	
9/11/2019	0.025	
3/18/2020	0.012	
9/9/2020	0.022	
4/1/2021	0.0095	
8/12/2021	0.02	
2/15/2022	0.017	
8/25/2022	0.025	
2/27/2023		0.018
8/8/2023		0.019
3/1/2024		0.016
8/6/2024		0.02

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-10	GWC-10
5/10/2010	0.011	
6/16/2010	0.01	
7/28/2010	0.011	
9/8/2010	0.011	
4/29/2011	0.01	
10/27/2011	0.014	
5/4/2012	0.0096 (J)	
11/11/2012	0.011	
5/9/2013	0.011	
11/5/2013	0.013	
5/21/2014	0.012	
11/12/2014	0.016	
5/23/2015	0.011	
11/12/2015	0.0053 (J)	
4/13/2016	0.0124	
10/5/2016	0.013	
4/6/2017	0.013	
10/5/2017	0.015	
3/21/2018	0.012	
10/2/2018	0.012	
3/27/2019	0.012	
9/11/2019	0.017	
3/18/2020	0.013	
9/9/2020	0.012	
4/1/2021	0.013	
8/17/2021	0.026	
10/18/2021	0.013	
2/15/2022	0.012	
8/25/2022	0.011	
2/21/2023		0.012
8/9/2023		0.013
3/1/2024		0.013
8/6/2024		0.01

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-11	GWC-11
5/10/2010	0.009 (J)	
6/16/2010	0.0089 (J)	
7/27/2010	0.0089 (J)	
9/8/2010	0.009 (J)	
4/29/2011	0.0082 (J)	
10/27/2011	0.009 (J)	
5/4/2012	0.0091 (J)	
11/10/2012	0.0096 (J)	
5/9/2013	0.01	
11/6/2013	0.01	
5/20/2014	0.011	
11/12/2014	0.012	
5/24/2015	0.012	
11/12/2015	<0.01	
4/13/2016	0.00976 (J)	
10/5/2016	0.013	
4/6/2017	0.011	
10/5/2017	0.013	
3/21/2018	0.0098	
10/2/2018	0.01	
3/27/2019	0.012	
9/11/2019	0.015	
3/18/2020	0.011	
9/10/2020	0.01	
4/1/2021	0.011	
8/11/2021	0.011	
2/16/2022	0.0099	
8/25/2022	0.0099	
2/27/2023		0.012
8/9/2023		0.0099
2/29/2024		0.011
8/6/2024		0.0089

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-12	GWC-12
5/9/2010	<0.002	
6/18/2010	<0.002	
7/27/2010	<0.002	
9/8/2010	<0.002	
4/29/2011	<0.002	
10/28/2011	<0.002	
5/3/2012	<0.002	
11/10/2012	<0.002	
5/9/2013	<0.002	
11/6/2013	<0.002	
5/20/2014	<0.002	
11/12/2014	0.0032 (J)	
5/23/2015	<0.002	
11/12/2015	<0.002	
4/13/2016	<0.002	
10/5/2016	<0.002	
4/5/2017	<0.002	
10/5/2017	0.0022 (J)	
3/21/2018	<0.002	
10/2/2018	<0.002	
3/26/2019	0.0029	
9/11/2019	0.0052	
3/18/2020	<0.002	
9/10/2020	<0.002	
4/1/2021	<0.002	
8/11/2021	<0.002	
2/16/2022	<0.002	
8/26/2022	<0.002	
2/27/2023		0.0014
8/9/2023		<0.002
2/29/2024		<0.002
8/6/2024		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-13
5/9/2010	<0.002	
6/18/2010	<0.002	
7/29/2010	<0.002	
9/9/2010	<0.002	
4/26/2011	<0.002	
10/28/2011	<0.002	
5/4/2012	<0.002	
11/11/2012	<0.002	
5/8/2013	0.0039 (J)	
11/7/2013	<0.002	
5/20/2014	<0.002	
11/12/2014	0.004 (J)	
5/24/2015	<0.002	
11/12/2015	<0.002	
4/13/2016	<0.002	
10/7/2016	<0.002	
4/6/2017	<0.002	
10/6/2017	0.0032	
3/22/2018	<0.002	
10/3/2018	<0.002	
3/26/2019	0.0041	
9/11/2019	0.0062	
3/18/2020	0.001	
9/10/2020	0.0011	
4/6/2021	0.0028	
8/11/2021	0.0013	
2/16/2022	0.0011	
8/26/2022	0.0016	
2/27/2023		0.0021
8/9/2023		0.0016 (J)
3/1/2024		0.0011 (J)
8/6/2024		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-14	GWC-14
5/9/2010	<0.002	
6/18/2010	<0.002	
7/28/2010	<0.002	
9/9/2010	<0.002	
4/30/2011	<0.002	
10/28/2011	<0.002	
5/3/2012	<0.002	
11/10/2012	<0.002	
5/8/2013	<0.002	
11/5/2013	<0.002	
5/20/2014	<0.002	
11/12/2014	<0.002	
5/24/2015	<0.002	
11/11/2015	<0.002	
4/13/2016	<0.002	
10/4/2016	0.0026	
4/6/2017	<0.002	
10/5/2017	0.0024 (J)	
3/20/2018	<0.002	
10/2/2018	<0.002	
3/26/2019	0.0034	
9/11/2019	0.0062	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/1/2021	0.0013	
8/11/2021	0.0012	
2/16/2022	0.00091 (J)	
8/26/2022	0.0017	
2/27/2023		0.002
8/9/2023		0.00079 (J)
3/1/2024		<0.002
8/8/2024		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-18	GWC-18
5/10/2010	0.0052 (J)	
6/16/2010	0.0059 (J)	
7/26/2010	0.0052 (J)	
9/7/2010	0.0056 (J)	
4/29/2011	0.005 (J)	
10/28/2011	0.0048 (J)	
5/2/2012	0.0057 (J)	
11/9/2012	0.0057 (J)	
5/8/2013	0.0069 (J)	
11/6/2013	0.0052 (J)	
5/23/2014	0.0081 (J)	
11/8/2014	0.01	
5/22/2015	0.0052 (J)	
11/10/2015	<0.01	
4/11/2016	0.00604 (J)	
10/5/2016	0.0075	
4/6/2017	0.0065	
10/5/2017	0.0052	
3/20/2018	0.0064	
10/2/2018	0.0064	
3/26/2019	0.0094	
9/11/2019	0.011	
3/18/2020	0.0075	
9/9/2020	0.007	
4/1/2021	0.0081	
8/11/2021	0.008	
2/16/2022	0.0066	
8/25/2022	0.007	
2/28/2023		0.0072
8/9/2023		0.0061
2/29/2024		0.0069
8/6/2024		0.0066

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-19	GWC-19
5/11/2010	0.0064 (J)	
6/16/2010	0.0061 (J)	
7/27/2010	0.006 (J)	
9/7/2010	0.0066 (J)	
4/29/2011	0.0066 (J)	
10/28/2011	0.0057 (J)	
5/2/2012	0.006 (J)	
11/9/2012	0.0073 (J)	
5/9/2013	0.0069 (J)	
11/6/2013	0.0077 (J)	
5/22/2014	0.0075 (J)	
11/8/2014	0.0081 (J)	
5/22/2015	0.01	
11/10/2015	0.0033 (J)	
4/11/2016	0.00756 (J)	
10/5/2016	0.0084	
4/5/2017	0.0086	
10/5/2017	0.0062	
3/20/2018	0.0072	
10/2/2018	0.0073	
3/26/2019	0.0094	
9/12/2019	0.0083	
3/19/2020	0.008	
9/9/2020	0.0071	
4/5/2021	0.0068	
8/11/2021	0.0076	
2/16/2022	0.0068	
8/25/2022	0.0068	
2/28/2023		0.0078
8/8/2023		0.007
2/29/2024		0.0078
8/6/2024		0.0075

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-20	GWC-20
5/11/2010	0.014	
6/17/2010	0.014	
7/27/2010	0.016	
9/7/2010	0.017	
4/29/2011	0.015	
10/28/2011	0.016	
5/3/2012	0.016	
11/10/2012	0.018	
5/9/2013	0.019	
11/6/2013	0.019	
5/22/2014	0.018	
11/9/2014	0.02	
5/22/2015	0.016	
11/10/2015	0.01	
4/12/2016	0.019	
10/5/2016	0.016	
4/6/2017	0.02	
10/5/2017	0.02	
3/21/2018	0.021	
10/3/2018	0.017	
3/26/2019	0.018	
9/12/2019	0.02	
3/19/2020	0.019	
9/10/2020	0.018	
4/5/2021	0.017	
8/11/2021	0.019	
2/16/2022	0.018	
8/25/2022	0.018	
2/28/2023		0.019
8/8/2023		0.018
3/1/2024		0.019
8/6/2024		0.017

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15	GWA-15
5/9/2010	<0.005	
6/18/2010	<0.005	
7/28/2010	<0.005	
9/9/2010	<0.005	
4/30/2011	<0.005	
10/28/2011	<0.005	
5/2/2012	<0.005	
11/9/2012	<0.005	
5/8/2013	<0.005	
11/5/2013	<0.005	
5/20/2014	<0.005	
11/12/2014	<0.005	
5/22/2015	<0.005	
11/11/2015	<0.005	
4/6/2016	<0.005	
10/4/2016	<0.005	
4/4/2017	<0.005	
10/4/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	0.006	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/11/2021	<0.005	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/28/2023		<0.005
8/3/2023		<0.005
3/4/2024		<0.005
8/6/2024		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-16	GWA-16
5/9/2010	<0.005	
6/16/2010	<0.005	
7/27/2010	<0.005	
9/7/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/2/2012	<0.005	
11/9/2012	<0.005	
5/8/2013	<0.005	
11/6/2013	<0.005	
5/20/2014	<0.005	
11/8/2014	<0.005	
5/22/2015	<0.005	
11/9/2015	<0.005	
4/6/2016	<0.005	
10/4/2016	<0.005	
4/4/2017	<0.005	
10/5/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	0.0047 (J)	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/11/2021	<0.005	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/28/2023		<0.005
8/3/2023		0.0035 (J)
2/28/2024		<0.005
8/6/2024		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17	GWA-17
5/8/2010	<0.005	
6/16/2010	<0.005	
7/26/2010	<0.005	
9/7/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/2/2012	<0.005	
11/9/2012	<0.005	
5/8/2013	<0.005	
11/6/2013	<0.005	
5/20/2014	<0.005	
11/8/2014	<0.005	
5/22/2015	<0.005	
11/9/2015	<0.005	
4/6/2016	0.00274 (J)	
10/5/2016	0.0073 (J)	
4/4/2017	<0.005	
10/5/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	0.0084	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/11/2021	<0.005	
2/15/2022	<0.005	
8/24/2022	<0.005	
2/28/2023		<0.005
8/3/2023		<0.005
2/28/2024		<0.005
8/6/2024		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-1	GWC-1
5/11/2010	<0.005	
6/17/2010	<0.005	
7/27/2010	<0.005	
9/9/2010	<0.005	
4/28/2011	<0.005	
10/29/2011	<0.005	
5/3/2012	<0.005	
11/9/2012	<0.005	
5/9/2013	<0.005	
11/5/2013	<0.005	
5/23/2014	<0.005	
11/13/2014	<0.005	
5/23/2015	<0.005	
11/11/2015	<0.005	
4/12/2016	<0.005	
10/4/2016	<0.005	
4/5/2017	<0.005	
10/4/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	0.0038 (J)	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/18/2021	<0.005	
2/15/2022	<0.005	
8/24/2022	0.0039 (J)	
2/27/2023		<0.005
8/9/2023		<0.005
3/1/2024		0.004 (J)
8/6/2024		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-2	GWC-2
5/11/2010	<0.005	
6/19/2010	<0.005	
7/27/2010	<0.005	
9/9/2010	<0.005	
4/28/2011	<0.005	
10/28/2011	<0.005	
5/3/2012	<0.005	
11/9/2012	<0.005	
5/9/2013	<0.005	
11/5/2013	<0.005	
5/22/2014	<0.005	
11/13/2014	<0.005	
5/24/2015	<0.005	
11/11/2015	<0.005	
4/12/2016	<0.005	
10/4/2016	<0.005	
4/6/2017	<0.005	
10/4/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	0.004 (J)	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	0.01	
8/12/2021	<0.005	
2/15/2022	<0.005	
8/26/2022	<0.005	
2/27/2023		<0.005
8/9/2023		0.0046 (J)
3/1/2024		<0.005
8/6/2024		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-3
5/11/2010	0.018 (JO)	
6/17/2010	<0.005	
7/28/2010	0.016 (JO)	
9/7/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/3/2012	<0.005	
11/9/2012	<0.005	
5/10/2013	<0.005	
11/6/2013	<0.005	
5/22/2014	<0.005	
11/9/2014	<0.005	
5/22/2015	<0.005	
11/10/2015	<0.005	
4/12/2016	<0.005	
10/5/2016	0.01 (JO)	
4/6/2017	<0.005	
10/5/2017	<0.005	
3/21/2018	<0.005	
10/3/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	0.0069	
3/18/2020	<0.005	
9/10/2020	<0.005	
4/6/2021	<0.005	
8/12/2021	0.0035 (J)	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/28/2023		<0.005
8/9/2023		<0.005
3/4/2024		<0.005
8/7/2024		0.0028 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
5/11/2010	<0.005	
6/17/2010	<0.005	
7/28/2010	<0.005	
9/8/2010	<0.005	
4/28/2011	<0.005	
10/29/2011	<0.005	
5/3/2012	<0.005	
11/10/2012	<0.005	
5/10/2013	<0.005	
11/6/2013	<0.005	
5/22/2014	<0.005	
11/9/2014	<0.005	
5/22/2015	<0.005	
11/11/2015	<0.005	
4/12/2016	0.00203 (J)	
10/6/2016	<0.005	
4/6/2017	<0.005	
10/6/2017	<0.005	
3/21/2018	<0.005	
10/3/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	0.006	
3/19/2020	<0.005	
9/10/2020	<0.005	
4/2/2021	<0.005	
8/12/2021	<0.005	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/27/2023		<0.005
8/8/2023		<0.005
2/29/2024		<0.005
8/7/2024		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-5	GWC-5
5/11/2010	<0.005	
6/18/2010	<0.005	
7/27/2010	<0.005	
9/9/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/4/2012	<0.005	
11/10/2012	<0.005	
5/9/2013	<0.005	
11/6/2013	<0.005	
5/22/2014	<0.005	
11/9/2014	<0.005	
5/24/2015	<0.005	
11/11/2015	0.0089 (J)	
4/19/2016	0.0133 (O)	
10/6/2016	<0.005	
4/6/2017	0.0087 (J)	
10/5/2017	0.0078 (J)	
3/22/2018	0.0086 (J)	
10/3/2018	<0.005	
3/27/2019	<0.005	
9/11/2019	0.0074	
3/18/2020	0.0045 (J)	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/12/2021	0.0034 (J)	
2/15/2022	0.0034 (J)	
8/25/2022	<0.005	
2/28/2023		<0.005
8/8/2023		<0.005
2/29/2024		<0.005
8/6/2024		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-6	GWC-6
5/11/2010	<0.005	
6/18/2010	<0.005	
7/27/2010	<0.005	
9/9/2010	<0.005	
4/30/2011	<0.005	
10/29/2011	<0.005	
5/4/2012	<0.005	
11/10/2012	<0.005	
5/9/2013	<0.005	
11/7/2013	<0.005	
5/21/2014	<0.005	
11/9/2014	<0.005	
5/24/2015	<0.005	
11/11/2015	<0.005	
4/12/2016	<0.005	
10/6/2016	<0.005	
4/6/2017	<0.005	
10/6/2017	<0.005	
3/21/2018	<0.005	
10/3/2018	<0.005	
3/26/2019	<0.005	
9/11/2019	0.0062	
3/18/2020	<0.005	
9/10/2020	<0.005	
4/5/2021	<0.005	
8/11/2021	<0.005	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/27/2023		<0.005
8/8/2023		<0.005
2/29/2024		<0.005
8/7/2024		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-7	GWC-7
5/10/2010	<0.005	
6/18/2010	<0.005	
7/28/2010	<0.005	
9/9/2010	<0.005	
4/30/2011	<0.005	
10/29/2011	<0.005	
5/4/2012	<0.005	
11/10/2012	<0.005	
5/9/2013	<0.005	
11/7/2013	<0.005	
5/21/2014	<0.005	
11/12/2014	<0.005	
5/24/2015	<0.005	
11/11/2015	<0.005	
4/13/2016	<0.005	
10/6/2016	<0.005	
4/7/2017	<0.005	
10/6/2017	<0.005	
3/22/2018	<0.005	
10/4/2018	<0.005	
3/27/2019	<0.005	
9/11/2019	0.0074	
3/19/2020	<0.005	
9/10/2020	<0.005	
4/1/2021	<0.005	
8/11/2021	<0.005	
2/15/2022	0.0037 (J)	
8/25/2022	<0.005	
2/27/2023		<0.005
8/8/2023		<0.005
2/29/2024		<0.005
8/6/2024		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-8A
5/10/2010	<0.005	
6/19/2010	0.0081 (J)	
7/28/2010	0.017 (J)	
9/8/2010	0.085	
4/30/2011	0.13 (O)	
10/27/2011	0.03	
5/4/2012	0.029	
11/11/2012	0.046	
5/10/2013	0.23 (O)	
11/7/2013	0.028	
5/21/2014	0.015 (J)	
11/13/2014	0.13 (O)	
5/23/2015	0.059	
11/11/2015	0.079	
4/19/2016	0.0218	
10/10/2016	0.013 (J)	
4/7/2017	<0.005	
10/9/2017	<0.005	
3/22/2018	<0.005	
10/4/2018	<0.005	
3/27/2019	<0.005	
9/11/2019	0.0052	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/5/2021	<0.005	
8/12/2021	<0.005	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/27/2023		0.016
8/8/2023		<0.005
2/29/2024		<0.005
8/6/2024		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-9	GWC-9
5/10/2010	<0.005	
6/16/2010	<0.005	
7/27/2010	<0.005	
9/8/2010	<0.005	
4/29/2011	<0.005	
10/27/2011	<0.005	
5/3/2012	<0.005	
11/11/2012	<0.005	
5/9/2013	<0.005	
11/6/2013	<0.005	
5/21/2014	<0.005	
11/12/2014	<0.005	
5/23/2015	<0.005	
11/12/2015	<0.005	
4/13/2016	<0.005	
10/6/2016	<0.005	
4/6/2017	<0.005	
10/5/2017	<0.005	
3/21/2018	<0.005	
10/2/2018	<0.005	
3/27/2019	<0.005	
9/11/2019	0.0037 (J)	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/12/2021	<0.005	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/27/2023		<0.005
8/8/2023		<0.005
3/1/2024		<0.005
8/6/2024		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-10	GWC-10
5/10/2010	<0.005	
6/16/2010	<0.005	
7/28/2010	<0.005	
9/8/2010	<0.005	
4/29/2011	<0.005	
10/27/2011	<0.005	
5/4/2012	<0.005	
11/11/2012	<0.005	
5/9/2013	<0.005	
11/5/2013	<0.005	
5/21/2014	<0.005	
11/12/2014	<0.005	
5/23/2015	<0.005	
11/12/2015	<0.005	
4/13/2016	<0.005	
10/5/2016	<0.005	
4/6/2017	<0.005	
10/5/2017	<0.005	
3/21/2018	<0.005	
10/2/2018	<0.005	
3/27/2019	<0.005	
9/11/2019	0.004 (J)	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/17/2021	0.013	
10/18/2021	<0.005	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/21/2023		<0.005
8/9/2023		<0.005
3/1/2024		<0.005
8/6/2024		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-11	GWC-11
5/10/2010	<0.005	
6/16/2010	<0.005	
7/27/2010	<0.005	
9/8/2010	<0.005	
4/29/2011	<0.005	
10/27/2011	<0.005	
5/4/2012	<0.005	
11/10/2012	<0.005	
5/9/2013	<0.005	
11/6/2013	<0.005	
5/20/2014	<0.005	
11/12/2014	<0.005	
5/24/2015	<0.005	
11/12/2015	<0.005	
4/13/2016	0.00241 (J)	
10/5/2016	<0.005	
4/6/2017	<0.005	
10/5/2017	<0.005	
3/21/2018	0.007 (J)	
10/2/2018	0.022 (O)	
3/27/2019	<0.005	
9/11/2019	0.0072	
3/18/2020	<0.005	
9/10/2020	0.018	
4/1/2021	0.0034 (J)	
8/11/2021	<0.005	
2/16/2022	0.0034 (J)	
8/25/2022	<0.005	
2/27/2023		<0.005
8/9/2023		<0.005
2/29/2024		0.0036 (J)
8/6/2024		0.0033 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-12	GWC-12
5/9/2010	<0.005	
6/18/2010	<0.005	
7/27/2010	<0.005	
9/8/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/3/2012	<0.005	
11/10/2012	<0.005	
5/9/2013	<0.005	
11/6/2013	<0.005	
5/20/2014	<0.005	
11/12/2014	<0.005	
5/23/2015	<0.005	
11/12/2015	<0.005	
4/13/2016	0.00409 (J)	
10/5/2016	<0.005	
4/5/2017	<0.005	
10/5/2017	<0.005	
3/21/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/11/2019	0.0065	
3/18/2020	0.005	
9/10/2020	0.0037 (J)	
4/1/2021	<0.005	
8/11/2021	<0.005	
2/16/2022	0.0032 (J)	
8/26/2022	<0.005	
2/27/2023		<0.005
8/9/2023		<0.005
2/29/2024		<0.005
8/6/2024		0.0028 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-13
5/9/2010	<0.005	
6/18/2010	<0.005	
7/29/2010	<0.005	
9/9/2010	<0.005	
4/26/2011	<0.005	
10/28/2011	<0.005	
5/4/2012	<0.005	
11/11/2012	<0.005	
5/8/2013	<0.005	
11/7/2013	<0.005	
5/20/2014	<0.005	
11/12/2014	<0.005	
5/24/2015	<0.005	
11/12/2015	<0.005	
4/13/2016	0.00289 (J)	
10/7/2016	<0.005	
4/6/2017	<0.005	
10/6/2017	0.0071 (J)	
3/22/2018	<0.005	
10/3/2018	<0.005	
3/26/2019	<0.005	
9/11/2019	0.0085	
3/18/2020	0.0052	
9/10/2020	0.0038 (J)	
4/6/2021	0.004 (J)	
8/11/2021	<0.005	
2/16/2022	0.004 (J)	
8/26/2022	<0.005	
2/27/2023		<0.005
8/9/2023		0.0031 (J)
3/1/2024		<0.005
8/6/2024		0.003 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-14	GWC-14
5/9/2010	<0.005	
6/18/2010	<0.005	
7/28/2010	<0.005	
9/9/2010	<0.005	
4/30/2011	<0.005	
10/28/2011	<0.005	
5/3/2012	<0.005	
11/10/2012	<0.005	
5/8/2013	<0.005	
11/5/2013	<0.005	
5/20/2014	<0.005	
11/12/2014	<0.005	
5/24/2015	<0.005	
11/11/2015	<0.005	
4/13/2016	<0.005	
10/4/2016	<0.005	
4/6/2017	<0.005	
10/5/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/11/2019	0.0038 (J)	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/11/2021	<0.005	
2/16/2022	<0.005	
8/26/2022	<0.005	
2/27/2023		<0.005
8/9/2023		<0.005
3/1/2024		0.024
5/7/2024		<0.005
8/8/2024		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-18	GWC-18
5/10/2010	<0.005	
6/16/2010	<0.005	
7/26/2010	<0.005	
9/7/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/2/2012	<0.005	
11/9/2012	<0.005	
5/8/2013	<0.005	
11/6/2013	<0.005	
5/23/2014	<0.005	
11/8/2014	<0.005	
5/22/2015	<0.005	
11/10/2015	<0.005	
4/11/2016	<0.005	
10/5/2016	<0.005	
4/6/2017	<0.005	
10/5/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/11/2019	0.0077	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/11/2021	<0.005	
2/16/2022	<0.005	
8/25/2022	<0.005	
2/28/2023		<0.005
8/9/2023		<0.005
2/29/2024		0.0032 (J)
8/6/2024		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-19	GWC-19
5/11/2010	<0.005	
6/16/2010	<0.005	
7/27/2010	<0.005	
9/7/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/2/2012	<0.005	
11/9/2012	<0.005	
5/9/2013	<0.005	
11/6/2013	<0.005	
5/22/2014	<0.005	
11/8/2014	<0.005	
5/22/2015	<0.005	
11/10/2015	<0.005	
4/11/2016	<0.005	
10/5/2016	0.0085 (JO)	
4/5/2017	<0.005	
10/5/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/12/2019	0.0059	
3/19/2020	<0.005	
9/9/2020	<0.005	
4/5/2021	<0.005	
8/11/2021	<0.005	
2/16/2022	<0.005	
8/25/2022	<0.005	
2/28/2023		<0.005
8/8/2023		<0.005
2/29/2024		<0.005
8/6/2024		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 6/18/2025 4:12 PM View: Appendix I & III Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-20	GWC-20
5/11/2010	<0.005	
6/17/2010	<0.005	
7/27/2010	<0.005	
9/7/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/3/2012	<0.005	
11/10/2012	<0.005	
5/9/2013	<0.005	
11/6/2013	<0.005	
5/22/2014	<0.005	
11/9/2014	<0.005	
5/22/2015	<0.005	
11/10/2015	<0.005	
4/12/2016	<0.005	
10/5/2016	<0.005	
4/6/2017	<0.005	
10/5/2017	<0.005	
3/21/2018	<0.005	
10/3/2018	<0.005	
3/26/2019	<0.005	
9/12/2019	0.0065	
3/19/2020	<0.005	
9/10/2020	<0.005	
4/5/2021	<0.005	
8/11/2021	<0.005	
2/16/2022	<0.005	
8/25/2022	0.0063	
2/28/2023		<0.005
8/8/2023		<0.005
3/1/2024		<0.005
8/6/2024		<0.005

ND substitution: RL or RL/2 if <15% NDs.

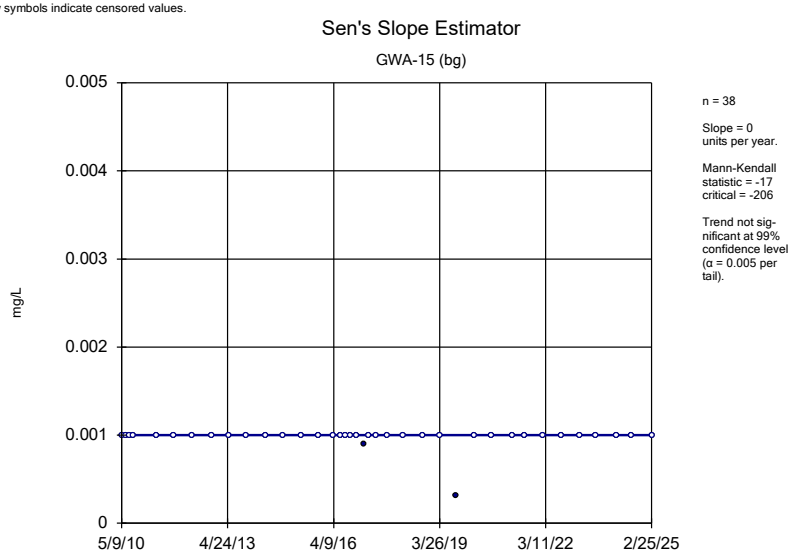
FIGURE E.

Upgradient Wells Trend Tests - All Results (No Significant)

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 4/16/2025, 11:56 AM

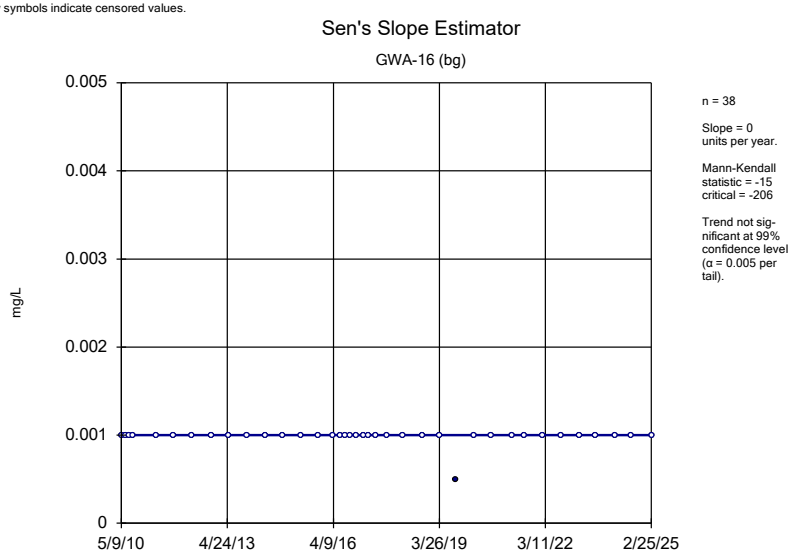
Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
Arsenic (mg/L)	GWA-15 (bg)	0	-17	-206	No	38	94.74	n/a	0.01	NP
Arsenic (mg/L)	GWA-16 (bg)	0	-15	-206	No	38	97.37	n/a	0.01	NP
Arsenic (mg/L)	GWA-17 (bg)	0	-15	-206	No	38	97.37	n/a	0.01	NP
Silver (mg/L)	GWA-15 (bg)	0	0	167	No	33	100	n/a	0.01	NP
Silver (mg/L)	GWA-16 (bg)	0	0	167	No	33	100	n/a	0.01	NP
Silver (mg/L)	GWA-17 (bg)	0	0	167	No	33	100	n/a	0.01	NP

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Hollow symbols indicate censored values.



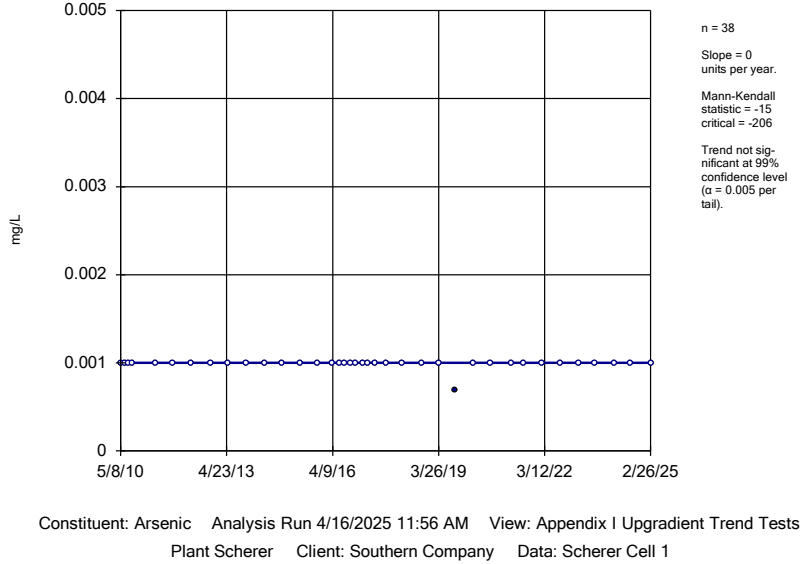
Constituent: Arsenic Analysis Run 4/16/2025 11:56 AM View: Appendix I Upgradient Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.



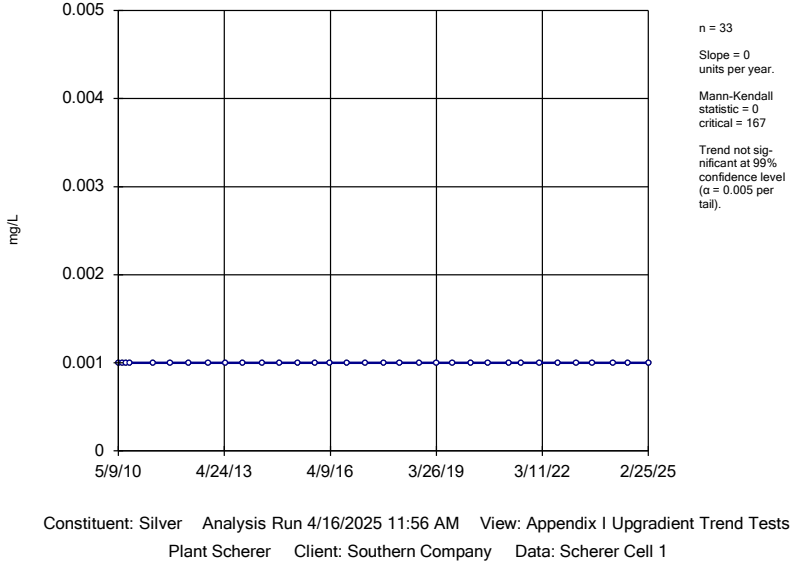
Constituent: Arsenic Analysis Run 4/16/2025 11:56 AM View: Appendix I Upgradient Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.



Constituent: Arsenic Analysis Run 4/16/2025 11:56 AM View: Appendix I Upgradient Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

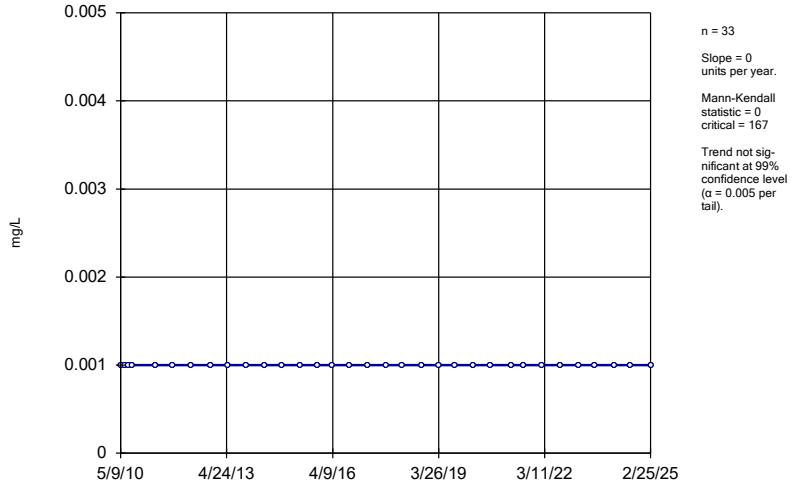


Constituent: Silver Analysis Run 4/16/2025 11:56 AM View: Appendix I Upgradient Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-16 (bg)



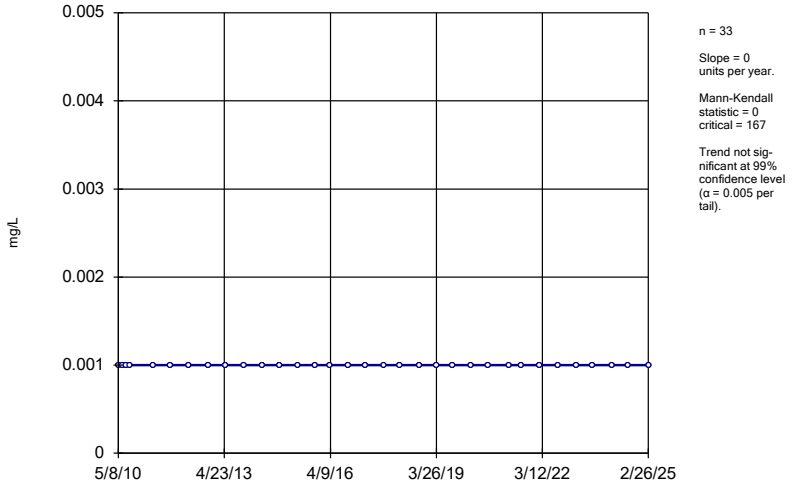
Constituent: Silver Analysis Run 4/16/2025 11:56 AM View: Appendix I Upgradient Trend Tests

Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-17 (bg)



Constituent: Silver Analysis Run 4/16/2025 11:56 AM View: Appendix I Upgradient Trend Tests

Plant Scherer Client: Southern Company Data: Scherer Cell 1

FIGURE F.

Appendix I Intrawell Prediction Limits - Significant Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 6/18/2025, 4:27 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Barium (mg/L)	**GWA-15**	**0.012**	**n/a**	**2/25/2025**	**0.013**	**Yes**	**37**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001361**	**NP Intra (normality) 1 of 2**
Barium (mg/L)	**GWC-4**	**0.05318**	**n/a**	**2/25/2025**	**0.15**	**Yes**	**29**	**0.0383**	**0.005897**	**0**	**None**	**No**	**0.0001937**	**Param Intra 1 of 2**
Barium (mg/L)	**GWC-6**	**0.06535**	**n/a**	**2/24/2025**	**0.07**	**Yes**	**37**	**0.05372**	**0.004755**	**0**	**None**	**No**	**0.0001937**	**Param Intra 1 of 2**
Barium (mg/L)	**GWC-19**	**0.02001**	**n/a**	**2/25/2025**	**0.033**	**Yes**	**25**	**0.0174**	**0.001007**	**0**	**None**	**No**	**0.0001937**	**Param Intra 1 of 2**
Barium (mg/L)	**GWC-20**	**0.03719**	**n/a**	**2/25/2025**	**0.038**	**Yes**	**37**	**0.03092**	**0.002564**	**0**	**None**	**No**	**0.0001937**	**Param Intra 1 of 2**
Chromium (mg/L)	**GWC-7**	**0.02**	**n/a**	**2/24/2025**	**0.024**	**Yes**	**38**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001294**	**NP Intra (normality) 1 of 2**
Selenium (mg/L)	**GWC-4**	**0.005**	**n/a**	**2/25/2025**	**0.0076**	**Yes**	**37**	**n/a**	**n/a**	**81.08**	**n/a**	**n/a**	**0.001361**	**NP Intra (NDs) 1 of 2**
Vanadium (mg/L)	**GWA-17**	**0.008446**	**n/a**	**2/26/2025**	**0.011**	**Yes**	**32**	**0.004701**	**0.001504**	**12.5**	**None**	**No**	**0.0001937**	**Param Intra 1 of 2**

Appendix I Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 6/18/2025, 4:27 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony (mg/L)	GWA-16	0.002	n/a	2/25/2025	0.002ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-2	0.002	n/a	2/25/2025	0.002ND	No	37	n/a	n/a	94.59	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-3	0.002	n/a	2/25/2025	0.002ND	No	37	n/a	n/a	94.59	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-4	0.002	n/a	2/25/2025	0.002ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-7	0.002	n/a	2/24/2025	0.002ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-12	0.002	n/a	2/24/2025	0.002ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-13	0.002	n/a	2/24/2025	0.002ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-18	0.002	n/a	2/25/2025	0.002ND	No	37	n/a	n/a	94.59	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-19	0.002	n/a	2/25/2025	0.002ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Barium (mg/L)	**GWA-15**	**0.012**	**n/a**	**2/25/2025**	**0.013**	**Yes**	**37**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001361**	**NP Intra (normality) 1 of 2**
Barium (mg/L)	GWA-16	0.039	n/a	2/25/2025	0.028	No	37	n/a	n/a	0	n/a	n/a	0.001361	NP Intra (normality) 1 of 2
Barium (mg/L)	GWA-17	0.04875	n/a	2/26/2025	0.027	No	37	-3.429	0.1667	0	None	ln(x)	0.0001937	Param Intra 1 of 2
Barium (mg/L)	GWC-1	0.05681	n/a	2/25/2025	0.047	No	37	0.04696	0.004028	0	None	No	0.0001937	Param Intra 1 of 2
Barium (mg/L)	GWC-2	0.05389	n/a	2/25/2025	0.043	No	37	0.002099	0.0003289	0	None	x^2	0.0001937	Param Intra 1 of 2
Barium (mg/L)	GWC-3	0.02471	n/a	2/25/2025	0.021	No	35	0.01677	0.003227	0	None	No	0.0001937	Param Intra 1 of 2
Barium (mg/L)	**GWC-4**	**0.05318**	**n/a**	**2/25/2025**	**0.15**	**Yes**	**29**	**0.0383**	**0.005897**	**0**	**None**	**No**	**0.0001937**	**Param Intra 1 of 2**
Barium (mg/L)	GWC-5	0.1172	n/a	2/25/2025	0.036	No	37	0.3341	0.06345	0	None	x^(1/3)	0.0001937	Param Intra 1 of 2
Barium (mg/L)	**GWC-6**	**0.06535**	**n/a**	**2/24/2025**	**0.07**	**Yes**	**37**	**0.05372**	**0.004755**	**0**	**None**	**No**	**0.0001937**	**Param Intra 1 of 2**
Barium (mg/L)	GWC-7	0.04317	n/a	2/24/2025	0.043	No	37	0.03318	0.004082	0	None	No	0.0001937	Param Intra 1 of 2
Barium (mg/L)	GWC-8A	0.1078	n/a	2/24/2025	0.039	No	37	0.2026	0.05142	0	None	sqrt(x)	0.0001937	Param Intra 1 of 2
Barium (mg/L)	GWC-9	0.03685	n/a	2/24/2025	0.029	No	37	0.02382	0.005327	0	None	No	0.0001937	Param Intra 1 of 2
Barium (mg/L)	GWC-10	0.0407	n/a	2/24/2025	0.035	No	38	0.02835	0.00506	0	None	No	0.0001937	Param Intra 1 of 2
Barium (mg/L)	GWC-11	0.02037	n/a	2/24/2025	0.02	No	37	0.01684	0.001445	0	None	No	0.0001937	Param Intra 1 of 2
Barium (mg/L)	GWC-12	0.02084	n/a	2/24/2025	0.02	No	37	0.01643	0.001804	0	None	No	0.0001937	Param Intra 1 of 2
Barium (mg/L)	GWC-13	0.04946	n/a	2/24/2025	0.041	No	37	0.1802	0.01727	0	None	sqrt(x)	0.0001937	Param Intra 1 of 2
Barium (mg/L)	GWC-14	0.01266	n/a	2/25/2025	0.011	No	35	0.009908	0.001119	0	None	No	0.0001937	Param Intra 1 of 2
Barium (mg/L)	GWC-18	0.04098	n/a	2/25/2025	0.036	No	37	0.03533	0.00231	0	None	No	0.0001937	Param Intra 1 of 2
Barium (mg/L)	**GWC-19**	**0.02001**	**n/a**	**2/25/2025**	**0.033**	**Yes**	**25**	**0.0174**	**0.001007**	**0**	**None**	**No**	**0.0001937**	**Param Intra 1 of 2**
Barium (mg/L)	**GWC-20**	**0.03719**	**n/a**	**2/25/2025**	**0.038**	**Yes**	**37**	**0.03092**	**0.002564**	**0**	**None**	**No**	**0.0001937**	**Param Intra 1 of 2**
Beryllium (mg/L)	GWA-17	0.0025	n/a	2/26/2025	0.0025ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-3	0.0025	n/a	2/25/2025	0.0025ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-4	0.0025	n/a	2/25/2025	0.0025ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-5	0.0025	n/a	2/25/2025	0.0025ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-6	0.0025	n/a	2/24/2025	0.0025ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-7	0.0025	n/a	2/24/2025	0.0025ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-8A	0.0025	n/a	2/24/2025	0.0025ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWA-17	0.0025	n/a	2/26/2025	0.0025ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-2	0.0025	n/a	2/25/2025	0.0025ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-8A	0.0025	n/a	2/24/2025	0.0025ND	No	37	n/a	n/a	78.38	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-11	0.0025	n/a	2/24/2025	0.0025ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-15	0.0036	n/a	2/25/2025	0.002ND	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-16	0.008074	n/a	2/25/2025	0.0068	No	37	0.005088	0.00122	0	None	No	0.0001937	Param Intra 1 of 2
Chromium (mg/L)	GWA-17	0.01148	n/a	2/26/2025	0.0083	No	37	0.007284	0.001716	0	None	No	0.0001937	Param Intra 1 of 2
Chromium (mg/L)	GWC-1	0.01814	n/a	2/25/2025	0.013	No	37	0.0001616	0.00006843	0	None	x^2	0.0001937	Param Intra 1 of 2
Chromium (mg/L)	GWC-2	0.01387	n/a	2/25/2025	0.0092	No	37	0.0001026	0.00003666	2.703	None	x^2	0.0001937	Param Intra 1 of 2
Chromium (mg/L)	GWC-3	0.01995	n/a	2/25/2025	0.015	No	36	-4.643	0.2968	0	None	ln(x)	0.0001937	Param Intra 1 of 2
Chromium (mg/L)	GWC-4	0.009955	n/a	2/25/2025	0.0025	No	37	0.005713	0.001734	0	None	No	0.0001937	Param Intra 1 of 2
Chromium (mg/L)	GWC-5	0.01053	n/a	2/25/2025	0.0057	No	37	0.06791	0.01419	2.703	None	sqrt(x)	0.0001937	Param Intra 1 of 2
Chromium (mg/L)	GWC-6	0.01054	n/a	2/24/2025	0.0054	No	37	-5.311	0.3102	2.703	None	ln(x)	0.0001937	Param Intra 1 of 2
Chromium (mg/L)	**GWC-7**	**0.02**	**n/a**	**2/24/2025**	**0.024**	**Yes**	**38**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001294**	**NP Intra (normality) 1 of 2**
Chromium (mg/L)	GWC-8A	0.023	n/a	2/24/2025	0.002ND	No	35	n/a	n/a	51.43	n/a	n/a	0.001497	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-9	0.01267	n/a	2/24/2025	0.0029	No	37	0.007694	0.002034	0	None	No	0.0001937	Param Intra 1 of 2
Chromium (mg/L)	GWC-10	0.02502	n/a	2/24/2025	0.017	No	37	0.01568	0.003816	0	None	No	0.0001937	Param Intra 1 of 2
Chromium (mg/L)	GWC-11	0.012	n/a	2/24/2025	0.0079	No	37	n/a	n/a	0	n/a	n/a	0.001361	NP Intra (normality) 1 of 2
Chromium (mg/L)	GWC-12	0.0036	n/a	2/24/2025	0.0012J	No	37	n/a	n/a	37.84	n/a	n/a	0.001361	NP Intra (normality) 1 of 2
Chromium (mg/L)	GWC-13	0.008363	n/a	2/24/2025	0.0053	No	36	0.004964	0.001385	0	None	No	0.0001937	Param Intra 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 6/18/2025, 4:27 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Chromium (mg/L)	GWC-14	0.0038	n/a	2/25/2025	0.002ND	No	37	n/a	n/a	86.49	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWC-18	0.02	n/a	2/25/2025	0.011	No	37	n/a	n/a	0	n/a	n/a	0.001361	NP Intra (normality) 1 of 2
Chromium (mg/L)	GWC-19	0.01723	n/a	2/25/2025	0.016	No	37	0.00998	0.002962	0	None	No	0.0001937	Param Intra 1 of 2
Chromium (mg/L)	GWC-20	0.01377	n/a	2/25/2025	0.0084	No	37	0.0945	0.00934	0	None	sqrt(x)	0.0001937	Param Intra 1 of 2
Cobalt (mg/L)	GWA-15	0.0029	n/a	2/25/2025	0.0013J	No	36	n/a	n/a	41.67	n/a	n/a	0.001429	NP Intra (normality) 1 of 2
Cobalt (mg/L)	GWA-16	0.0025	n/a	2/25/2025	0.0025ND	No	36	n/a	n/a	88.89	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-17	0.0025	n/a	2/26/2025	0.0025ND	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-1	0.0025	n/a	2/25/2025	0.0025ND	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-2	0.0025	n/a	2/25/2025	0.0025ND	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-3	0.0025	n/a	2/25/2025	0.0025ND	No	35	n/a	n/a	71.43	n/a	n/a	0.001497	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-4	0.0025	n/a	2/25/2025	0.0025ND	No	37	n/a	n/a	83.78	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-5	0.0025	n/a	2/25/2025	0.0025ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-6	0.0025	n/a	2/24/2025	0.0025ND	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-7	0.0025	n/a	2/24/2025	0.0025ND	No	37	n/a	n/a	86.49	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-8A	0.0046	n/a	2/24/2025	0.0018J	No	34	n/a	n/a	38.24	n/a	n/a	0.001599	NP Intra (normality) 1 of 2
Cobalt (mg/L)	GWC-9	0.0025	n/a	2/24/2025	0.0025ND	No	37	n/a	n/a	86.49	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-10	0.0035	n/a	2/24/2025	0.0025ND	No	38	n/a	n/a	97.37	n/a	n/a	0.001294	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-11	0.0025	n/a	2/24/2025	0.0025ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-12	0.0025	n/a	2/24/2025	0.0025ND	No	37	n/a	n/a	59.46	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-18	0.0025	n/a	2/25/2025	0.0025ND	No	36	n/a	n/a	86.11	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-19	0.0025	n/a	2/25/2025	0.0025ND	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-20	0.0025	n/a	2/25/2025	0.0025ND	No	37	n/a	n/a	86.49	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-16	0.002	n/a	2/25/2025	0.002ND	No	32	n/a	n/a	93.75	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-17	0.002	n/a	2/26/2025	0.002ND	No	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-1	0.002	n/a	2/25/2025	0.002ND	No	32	n/a	n/a	93.75	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-2	0.002	n/a	2/25/2025	0.002ND	No	32	n/a	n/a	90.63	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-3	0.0042	n/a	2/25/2025	0.002ND	No	31	n/a	n/a	70.97	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-4	0.0039	n/a	2/25/2025	0.002ND	No	32	n/a	n/a	56.25	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-6	0.0037	n/a	2/24/2025	0.002ND	No	32	n/a	n/a	87.5	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-7	0.0026	n/a	2/24/2025	0.002ND	No	31	n/a	n/a	77.42	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-8A	0.1	n/a	2/24/2025	0.002ND	No	31	n/a	n/a	51.61	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-9	0.0038	n/a	2/24/2025	0.002ND	No	32	n/a	n/a	87.5	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-10	0.0053	n/a	2/24/2025	0.002ND	No	33	n/a	n/a	96.97	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-11	0.0021	n/a	2/24/2025	0.002ND	No	32	n/a	n/a	93.75	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-13	0.0024	n/a	2/24/2025	0.002ND	No	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-14	0.0021	n/a	2/25/2025	0.002ND	No	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-18	0.0025	n/a	2/25/2025	0.002ND	No	32	n/a	n/a	84.38	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-20	0.0021	n/a	2/25/2025	0.002ND	No	31	n/a	n/a	96.77	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-16	0.001	n/a	2/25/2025	0.001ND	No	23	n/a	n/a	95.65	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-17	0.001	n/a	2/26/2025	0.001ND	No	23	n/a	n/a	95.65	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-1	0.001	n/a	2/25/2025	0.001ND	No	23	n/a	n/a	86.96	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-2	0.001	n/a	2/25/2025	0.001ND	No	23	n/a	n/a	95.65	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-3	0.001	n/a	2/25/2025	0.001ND	No	23	n/a	n/a	91.3	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-4	0.001	n/a	2/25/2025	0.001ND	No	23	n/a	n/a	95.65	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-5	0.001	n/a	2/25/2025	0.001ND	No	23	n/a	n/a	100	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-6	0.001	n/a	2/24/2025	0.001ND	No	23	n/a	n/a	100	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-7	0.001	n/a	2/24/2025	0.001ND	No	23	n/a	n/a	91.3	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-8A	0.0012	n/a	2/24/2025	0.001ND	No	23	n/a	n/a	82.61	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-9	0.001	n/a	2/24/2025	0.001ND	No	23	n/a	n/a	100	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-10	0.001	n/a	2/24/2025	0.001ND	No	24	n/a	n/a	95.83	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-11	0.0017	n/a	2/24/2025	0.001ND	No	23	n/a	n/a	86.96	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-13	0.001	n/a	2/24/2025	0.001ND	No	23	n/a	n/a	95.65	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-14	0.001	n/a	2/25/2025	0.001ND	No	23	n/a	n/a	100	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-18	0.001	n/a	2/25/2025	0.001ND	No	23	n/a	n/a	100	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-19	0.0015	n/a	2/25/2025	0.001ND	No	23	n/a	n/a	86.96	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-20	0.001	n/a	2/25/2025	0.001ND	No	23	n/a	n/a	100	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 6/18/2025, 4:27 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Mercury (mg/L)	GWA-15	0.0002	n/a	2/25/2025	0.0002ND	No	37	n/a	n/a	89.19	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-16	0.0002	n/a	2/25/2025	0.0002ND	No	37	n/a	n/a	89.19	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-17	0.0002	n/a	2/26/2025	0.0002ND	No	37	n/a	n/a	83.78	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-1	0.0002	n/a	2/25/2025	0.0002ND	No	37	n/a	n/a	86.49	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-2	0.0002	n/a	2/25/2025	0.0002ND	No	37	n/a	n/a	89.19	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-3	0.0002	n/a	2/25/2025	0.0002ND	No	37	n/a	n/a	89.19	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-4	0.0002	n/a	2/25/2025	0.0002ND	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-5	0.0002	n/a	2/25/2025	0.0002ND	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-6	0.0002	n/a	2/24/2025	0.0002ND	No	37	n/a	n/a	86.49	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-7	0.0002	n/a	2/24/2025	0.0002ND	No	37	n/a	n/a	86.49	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-8A	0.0002	n/a	2/24/2025	0.0002ND	No	37	n/a	n/a	83.78	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-9	0.0002	n/a	2/24/2025	0.0002ND	No	37	n/a	n/a	94.59	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-10	0.0002	n/a	2/24/2025	0.0002ND	No	37	n/a	n/a	89.19	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-11	0.0002	n/a	2/24/2025	0.0002ND	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-12	0.0002	n/a	2/24/2025	0.0002ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-13	0.0002	n/a	2/24/2025	0.0002ND	No	37	n/a	n/a	86.49	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-14	0.0002	n/a	2/25/2025	0.0002ND	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-18	0.0002	n/a	2/25/2025	0.0002ND	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-19	0.0002	n/a	2/25/2025	0.0002ND	No	37	n/a	n/a	86.49	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-20	0.0002	n/a	2/25/2025	0.0002ND	No	37	n/a	n/a	83.78	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-15	0.00202	n/a	2/25/2025	0.00072J	No	32	n/a	n/a	65.63	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-16	0.001	n/a	2/25/2025	0.001ND	No	31	n/a	n/a	96.77	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-17	0.0012	n/a	2/26/2025	0.001ND	No	32	n/a	n/a	87.5	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-1	0.0071	n/a	2/25/2025	0.00054J	No	32	n/a	n/a	62.5	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-2	0.0038	n/a	2/25/2025	0.0016	No	32	n/a	n/a	53.13	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-3	0.0035	n/a	2/25/2025	0.0016	No	29	n/a	n/a	51.72	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-4	0.0036	n/a	2/25/2025	0.0019	No	32	n/a	n/a	59.38	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-5	0.00268	n/a	2/25/2025	0.001ND	No	31	n/a	n/a	61.29	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-6	0.0053	n/a	2/24/2025	0.00064J	No	32	n/a	n/a	53.13	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-7	0.0044	n/a	2/24/2025	0.001ND	No	32	n/a	n/a	84.38	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-8A	0.01118	n/a	2/24/2025	0.0046	No	34	0.1514	0.02922	32.35	Kaplan-Meier	x^(1/3)	0.0001937	Param Intra 1 of 2
Nickel (mg/L)	GWC-9	0.001	n/a	2/24/2025	0.001ND	No	32	n/a	n/a	71.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-10	0.0048	n/a	2/24/2025	0.0011	No	34	n/a	n/a	55.88	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-11	0.0025	n/a	2/24/2025	0.00053J	No	32	n/a	n/a	65.63	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-12	0.0011	n/a	2/24/2025	0.001ND	No	32	n/a	n/a	65.63	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-13	0.001	n/a	2/24/2025	0.001ND	No	32	n/a	n/a	78.13	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-18	0.001	n/a	2/25/2025	0.001ND	No	31	n/a	n/a	90.32	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-19	0.0017	n/a	2/25/2025	0.0012	No	31	n/a	n/a	70.97	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-20	0.003	n/a	2/25/2025	0.00061J	No	31	n/a	n/a	64.52	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWA-15	0.005	n/a	2/25/2025	0.005ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWA-16	0.005	n/a	2/25/2025	0.005ND	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWA-17	0.005	n/a	2/26/2025	0.005ND	No	37	n/a	n/a	94.59	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-1	0.0053	n/a	2/25/2025	0.005ND	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-2	0.005	n/a	2/25/2025	0.005ND	No	37	n/a	n/a	83.78	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-3	0.005	n/a	2/25/2025	0.005ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Selenium (mg/L)	**GWC-4**	**0.005**	**n/a**	**2/25/2025**	**0.0076**	**Yes**	**37**	**n/a**	**n/a**	**81.08**	**n/a**	**n/a**	**0.001361**	**NP Intra (NDs) 1 of 2**
Selenium (mg/L)	GWC-5	0.01744	n/a	2/25/2025	0.0013J	No	11	0.005791	0.003494	0	None	No	0.0001937	Param Intra 1 of 2
Selenium (mg/L)	GWC-6	0.007	n/a	2/24/2025	0.005ND	No	37	n/a	n/a	78.38	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-7	0.0053	n/a	2/24/2025	0.005ND	No	37	n/a	n/a	94.59	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-8A	0.005	n/a	2/24/2025	0.005ND	No	37	n/a	n/a	89.19	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-9	0.0065	n/a	2/24/2025	0.005ND	No	37	n/a	n/a	94.59	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-10	0.005	n/a	2/24/2025	0.005ND	No	37	n/a	n/a	94.59	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-11	0.005	n/a	2/24/2025	0.005ND	No	37	n/a	n/a	91.89	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-12	0.005	n/a	2/24/2025	0.005ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-14	0.0052	n/a	2/25/2025	0.005ND	No	37	n/a	n/a	94.59	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-18	0.005	n/a	2/25/2025	0.005ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 6/18/2025, 4:27 PM

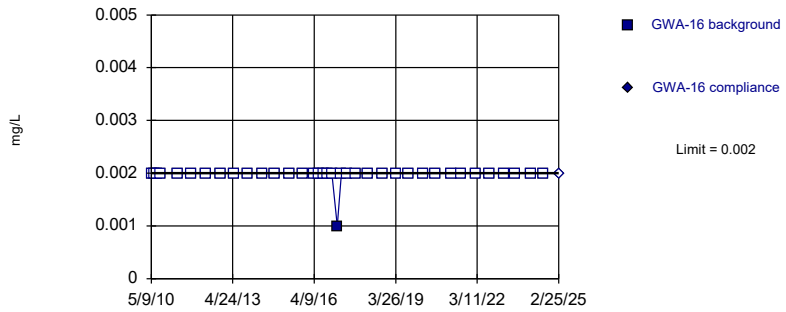
Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Selenium (mg/L)	GWC-19	0.005	n/a	2/25/2025	0.005ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWA-15	0.001	n/a	2/25/2025	0.001ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWA-16	0.001	n/a	2/25/2025	0.001ND	No	37	n/a	n/a	94.59	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWA-17	0.001	n/a	2/26/2025	0.001ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-1	0.001	n/a	2/25/2025	0.001ND	No	37	n/a	n/a	94.59	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-2	0.001	n/a	2/25/2025	0.001ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-4	0.001	n/a	2/25/2025	0.001ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-5	0.001	n/a	2/25/2025	0.001ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-6	0.001	n/a	2/24/2025	0.001ND	No	37	n/a	n/a	94.59	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-7	0.001	n/a	2/24/2025	0.001ND	No	37	n/a	n/a	89.19	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-8A	0.001	n/a	2/24/2025	0.001ND	No	37	n/a	n/a	94.59	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-9	0.001	n/a	2/24/2025	0.001ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-19	0.001	n/a	2/25/2025	0.001ND	No	37	n/a	n/a	97.3	n/a	n/a	0.001361	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-15	0.0035	n/a	2/25/2025	0.002ND	No	32	n/a	n/a	78.13	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-16	0.01172	n/a	2/25/2025	0.0069	No	32	0.007333	0.00176	3.125	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	**GWA-17**	**0.008446**	**n/a**	**2/26/2025**	**0.011**	**Yes**	**32**	**0.004701**	**0.001504**	**12.5**	**None**	**No**	**0.0001937**	**Param Intra 1 of 2**
Vanadium (mg/L)	GWC-1	0.0233	n/a	2/25/2025	0.017	No	32	0.0002708	0.0001093	0	None	x^2	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-2	0.01924	n/a	2/25/2025	0.013	No	32	0.0001998	0.00006842	3.125	None	x^2	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-3	0.01043	n/a	2/25/2025	0.0042	No	31	0.00653	0.001561	0	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-4	0.01171	n/a	2/25/2025	0.0041	No	32	0.007233	0.0018	0	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-5	0.006452	n/a	2/25/2025	0.0023	No	32	0.05266	0.01111	18.75	Kaplan-Meier	sqrt(x)	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-6	0.01316	n/a	2/24/2025	0.011	No	32	0.009105	0.00163	0	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-7	0.01634	n/a	2/24/2025	0.013	No	32	0.000002319	8.2e-7	0	None	x^3	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-8A	0.0047	n/a	2/24/2025	0.002	No	16	n/a	n/a	37.5	n/a	n/a	0.006456	NP Intra (normality) 1 of 2
Vanadium (mg/L)	GWC-9	0.02777	n/a	2/24/2025	0.01	No	32	0.01692	0.00436	0	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-10	0.026	n/a	2/24/2025	0.013	No	33	n/a	n/a	0	n/a	n/a	0.001701	NP Intra (normality) 1 of 2
Vanadium (mg/L)	GWC-11	0.01473	n/a	2/24/2025	0.011	No	32	0.01031	0.001777	3.125	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-12	0.0052	n/a	2/24/2025	0.00072J	No	32	n/a	n/a	84.38	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-13	0.0062	n/a	2/24/2025	0.0022	No	32	n/a	n/a	56.25	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-14	0.0062	n/a	2/25/2025	0.002ND	No	32	n/a	n/a	68.75	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWC-18	0.01061	n/a	2/25/2025	0.006	No	32	0.08111	0.0088	3.125	None	sqrt(x)	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-19	0.01019	n/a	2/25/2025	0.0067	No	32	0.007199	0.001201	0	None	No	0.0001937	Param Intra 1 of 2
Vanadium (mg/L)	GWC-20	0.02308	n/a	2/25/2025	0.016	No	32	0.01753	0.002229	0	None	No	0.0001937	Param Intra 1 of 2
Zinc (mg/L)	GWA-15	0.006	n/a	2/25/2025	0.0034J	No	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-16	0.005	n/a	2/25/2025	0.005ND	No	32	n/a	n/a	93.75	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-17	0.0084	n/a	2/26/2025	0.005ND	No	32	n/a	n/a	90.63	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-1	0.005	n/a	2/25/2025	0.005ND	No	32	n/a	n/a	90.63	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-2	0.01	n/a	2/25/2025	0.005ND	No	32	n/a	n/a	90.63	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-3	0.0069	n/a	2/25/2025	0.005ND	No	29	n/a	n/a	89.66	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-4	0.006	n/a	2/25/2025	0.005ND	No	32	n/a	n/a	93.75	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-5	0.0089	n/a	2/25/2025	0.005ND	No	31	n/a	n/a	74.19	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-6	0.0062	n/a	2/24/2025	0.005ND	No	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-7	0.0074	n/a	2/24/2025	0.005ND	No	32	n/a	n/a	93.75	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-8A	0.085	n/a	2/24/2025	0.005ND	No	29	n/a	n/a	51.72	n/a	n/a	0.002172	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-9	0.005	n/a	2/24/2025	0.005ND	No	32	n/a	n/a	96.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-10	0.013	n/a	2/24/2025	0.0097	No	33	n/a	n/a	93.94	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-11	0.018	n/a	2/24/2025	0.0031J	No	31	n/a	n/a	74.19	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-12	0.0065	n/a	2/24/2025	0.0029J	No	32	n/a	n/a	81.25	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-13	0.0085	n/a	2/24/2025	0.0036J	No	32	n/a	n/a	71.88	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-14	0.024	n/a	2/25/2025	0.005ND	No	33	n/a	n/a	93.94	n/a	n/a	0.001701	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-18	0.0077	n/a	2/25/2025	0.003J	No	32	n/a	n/a	93.75	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-19	0.0059	n/a	2/25/2025	0.005ND	No	31	n/a	n/a	96.77	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-20	0.0065	n/a	2/25/2025	0.005ND	No	32	n/a	n/a	93.75	n/a	n/a	0.001803	NP Intra (NDs) 1 of 2

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 97.3% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

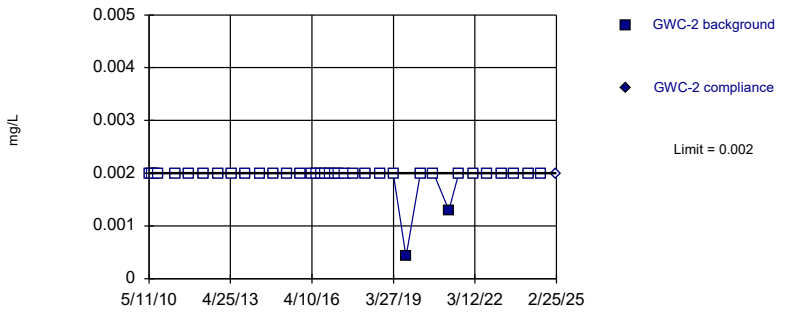
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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 94.59% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

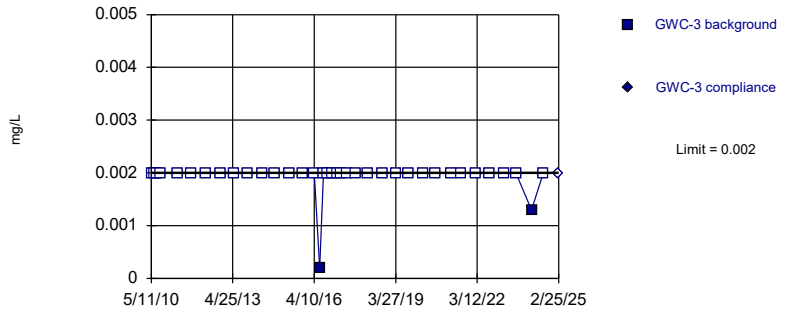
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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 94.59% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

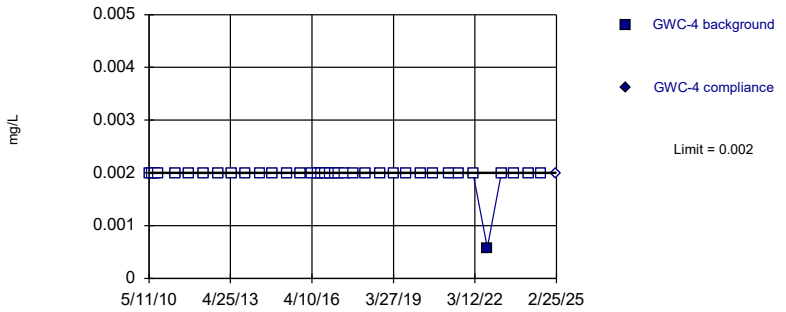
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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 97.3% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

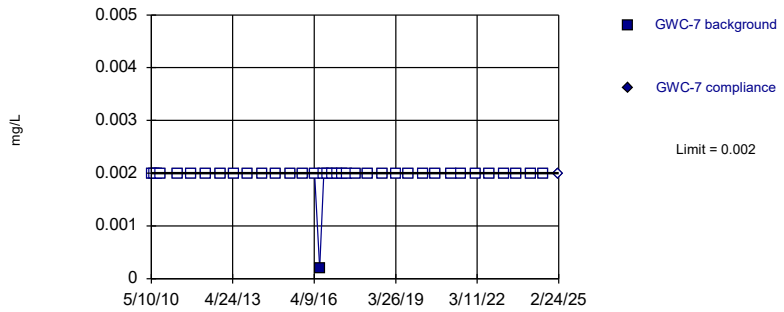
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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 97.3% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Antimony Analysis Run 6/18/2025 4:17 PM View: Appendix I - Intrawell

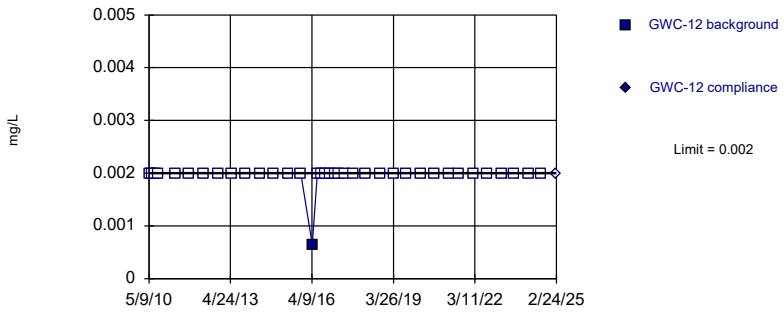
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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 97.3% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Antimony Analysis Run 6/18/2025 4:17 PM View: Appendix I - Intrawell

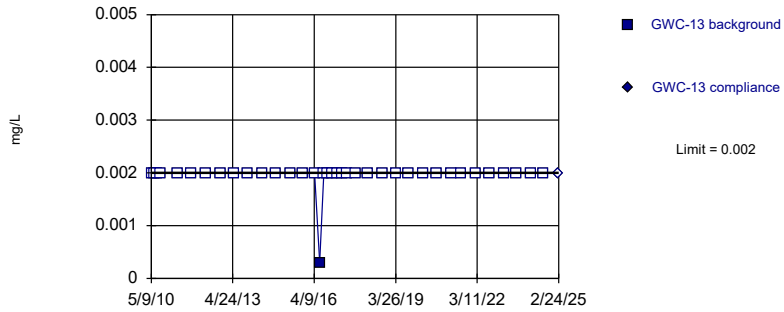
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Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 97.3% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Antimony Analysis Run 6/18/2025 4:17 PM View: Appendix I - Intrawell

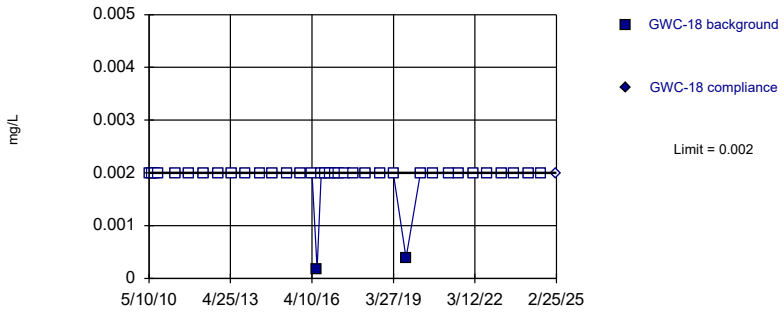
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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 94.59% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Antimony Analysis Run 6/18/2025 4:17 PM View: Appendix I - Intrawell

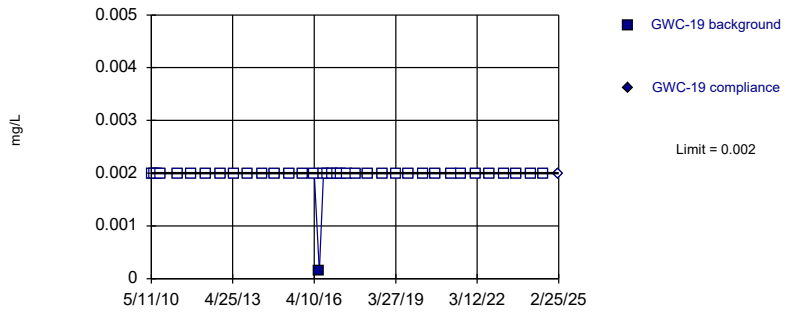
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 97.3% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

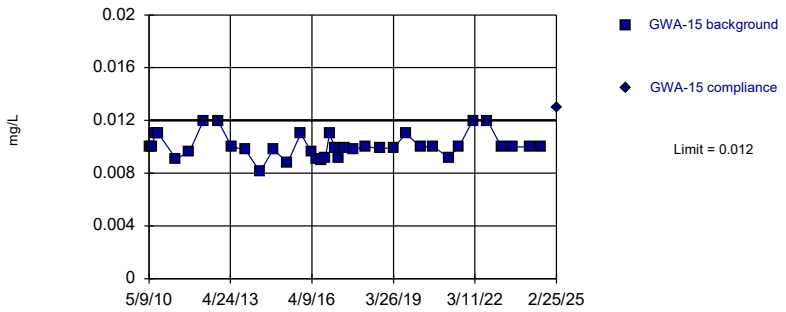
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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Exceeds Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 37 background values. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

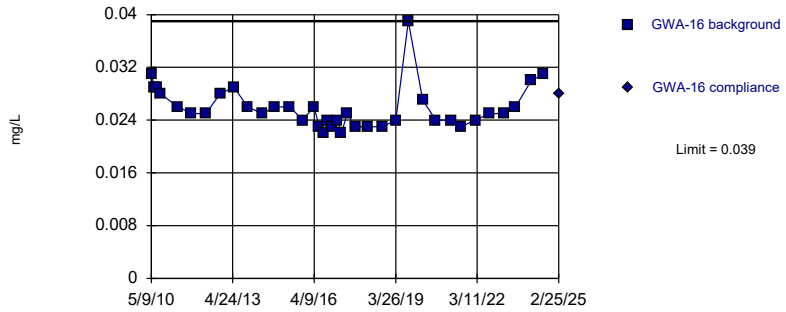
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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 37 background values. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

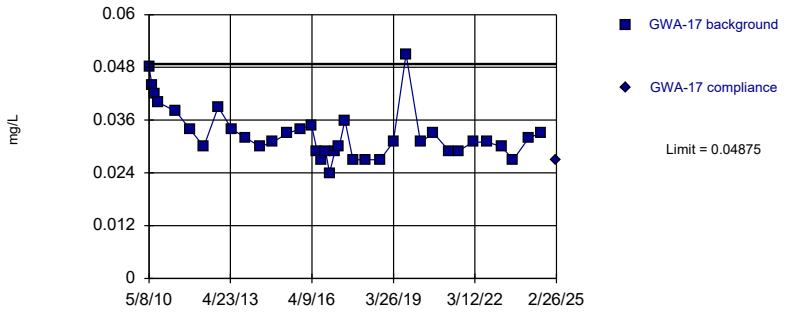
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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on natural log transformation): Mean=-3.429, Std. Dev.=0.1667, n=37. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9257, critical = 0.914. Kappa = 2.447 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

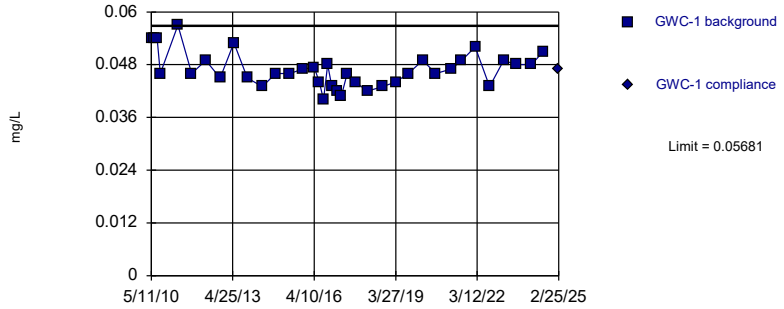
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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.04696, Std. Dev.=0.004028, n=37. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9528, critical = 0.914. Kappa = 2.447 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium Analysis Run 6/18/2025 4:17 PM View: Appendix I - Intrawell

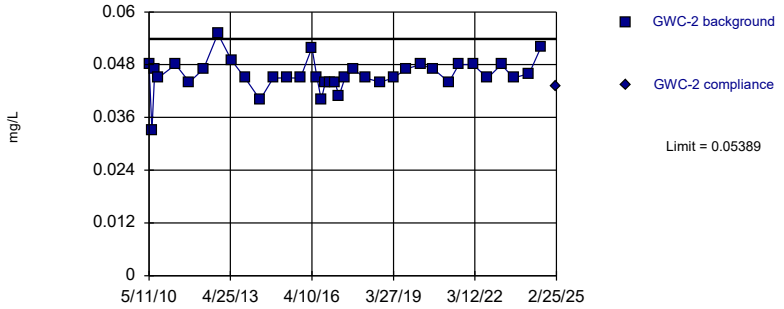
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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square transformation): Mean=0.002099, Std. Dev.=0.0003289, n=37. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9177, critical = 0.914. Kappa = 2.447 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium Analysis Run 6/18/2025 4:17 PM View: Appendix I - Intrawell

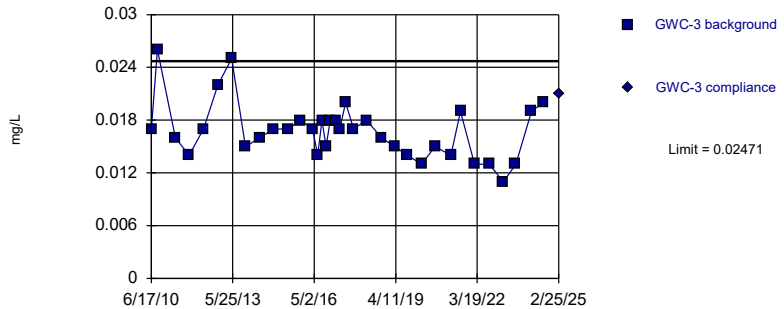
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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.01677, Std. Dev.=0.003227, n=35. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9278, critical = 0.91. Kappa = 2.462 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium Analysis Run 6/18/2025 4:17 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.0383, Std. Dev.=0.005897, n=29. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9543, critical = 0.898. Kappa = 2.524 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium Analysis Run 6/18/2025 4:17 PM View: Appendix I - Intrawell

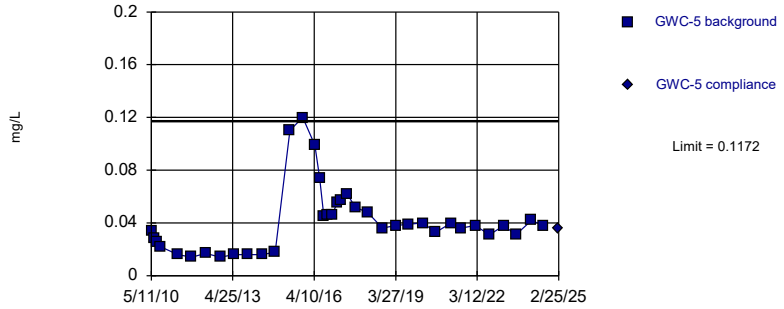
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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on cube root transformation): Mean=0.3341, Std. Dev.=0.06345, n=37. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9296, critical = 0.914. Kappa = 2.447 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium Analysis Run 6/18/2025 4:17 PM View: Appendix I - Intrawell

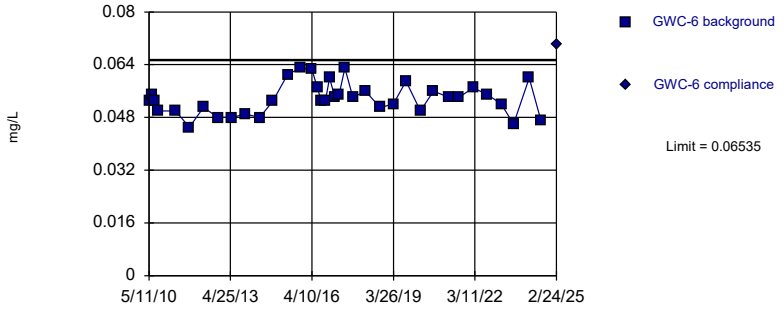
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Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.05372, Std. Dev.=0.004755, n=37. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9617, critical = 0.914. Kappa = 2.447 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium Analysis Run 6/18/2025 4:17 PM View: Appendix I - Intrawell

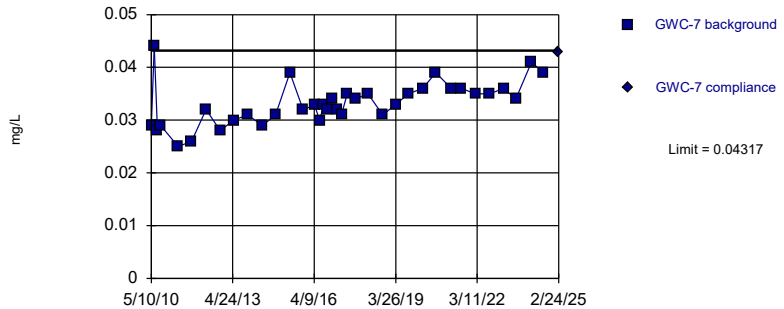
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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.03318, Std. Dev.=0.004082, n=37. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9786, critical = 0.914. Kappa = 2.447 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium Analysis Run 6/18/2025 4:17 PM View: Appendix I - Intrawell

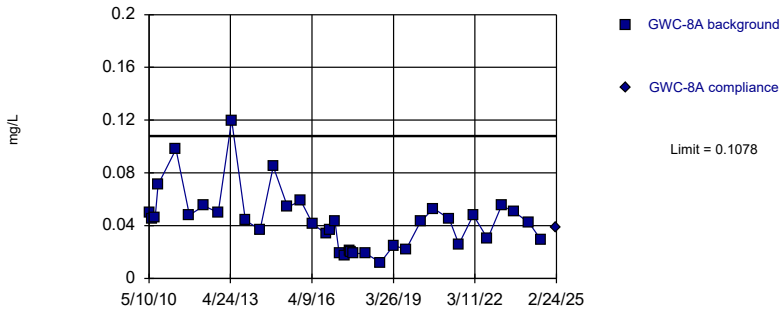
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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=0.2026, Std. Dev.=0.05142, n=37. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9506, critical = 0.914. Kappa = 2.447 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium Analysis Run 6/18/2025 4:17 PM View: Appendix I - Intrawell

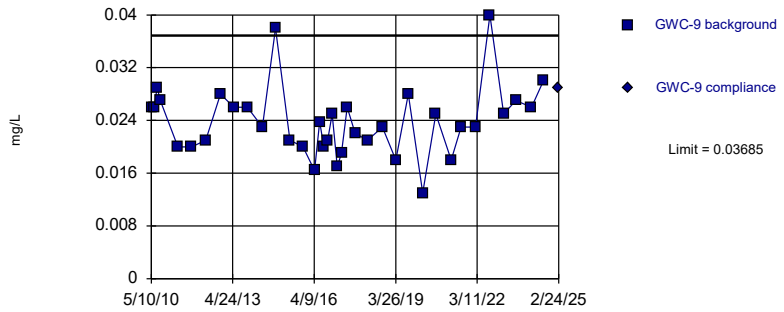
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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.02382, Std. Dev.=0.005327, n=37. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9328, critical = 0.914. Kappa = 2.447 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium Analysis Run 6/18/2025 4:17 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.02835, Std. Dev.=0.00506, n=38. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9514, critical = 0.916. Kappa = 2.439 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium Analysis Run 6/18/2025 4:17 PM View: Appendix I - Intrawell

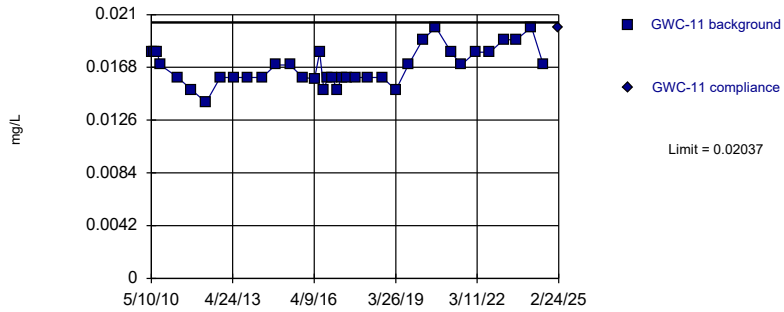
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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.01684, Std. Dev.=0.001445, n=37. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9235, critical = 0.914. Kappa = 2.447 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

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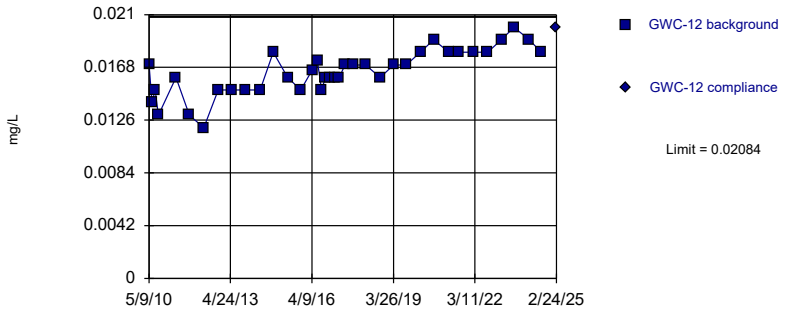
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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.01643, Std. Dev.=0.001804, n=37. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9628, critical = 0.914. Kappa = 2.447 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Barium Analysis Run 6/18/2025 4:17 PM View: Appendix I - Intrawell

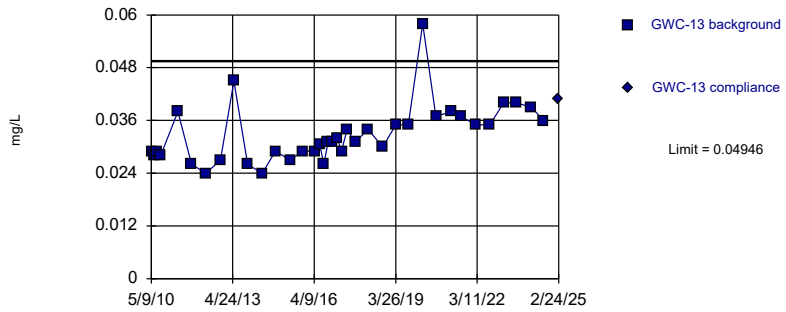
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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=0.1802, Std. Dev.=0.01727, n=37. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9177, critical = 0.914. Kappa = 2.447 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

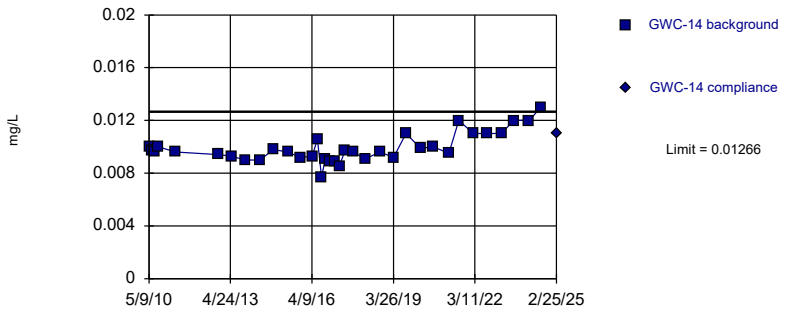
Constituent: Barium Analysis Run 6/18/2025 4:17 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.009908, Std. Dev.=0.001119, n=35. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.911, critical = 0.91. Kappa = 2.462 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

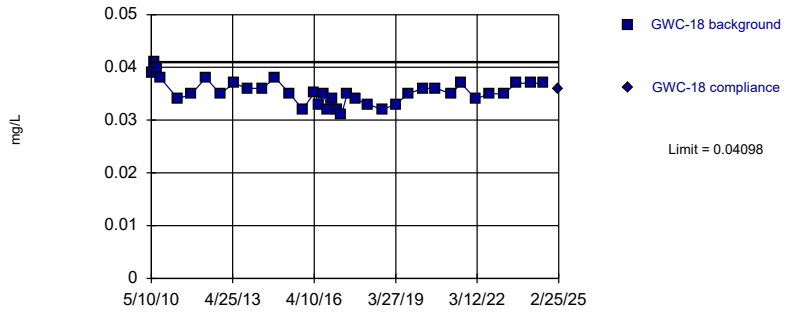
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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.03533, Std. Dev.=0.00231, n=37. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9668, critical = 0.914. Kappa = 2.447 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

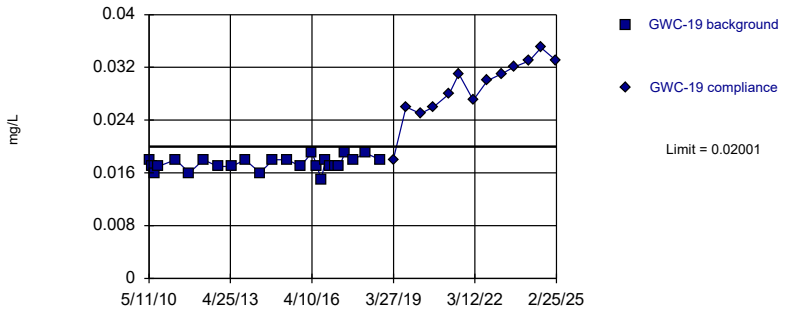
Constituent: Barium Analysis Run 6/18/2025 4:17 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.0174, Std. Dev.=0.001007, n=25. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9119, critical = 0.888. Kappa = 2.585 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

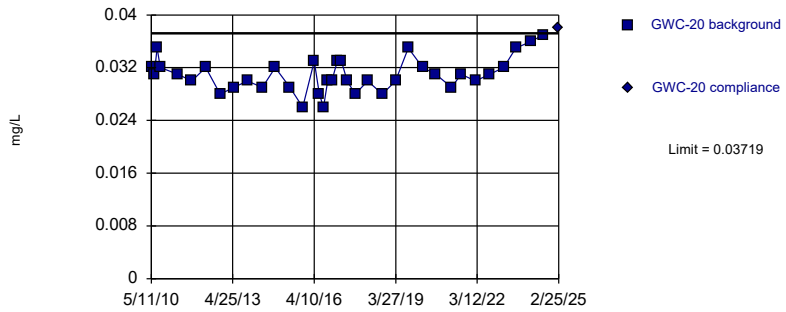
Constituent: Barium Analysis Run 6/18/2025 4:17 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.03092, Std. Dev.=0.002564, n=37. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9603, critical = 0.914. Kappa = 2.447 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

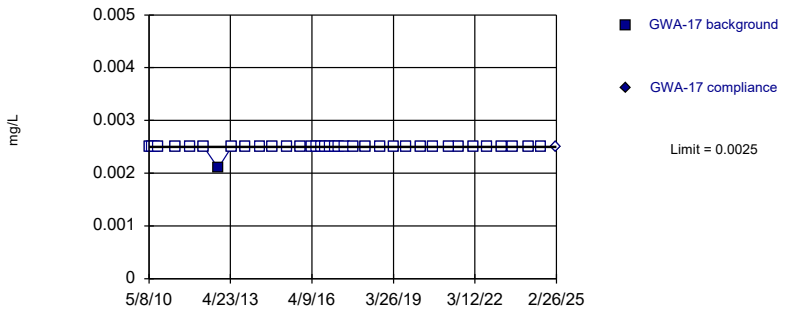
Constituent: Barium Analysis Run 6/18/2025 4:17 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 97.3% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

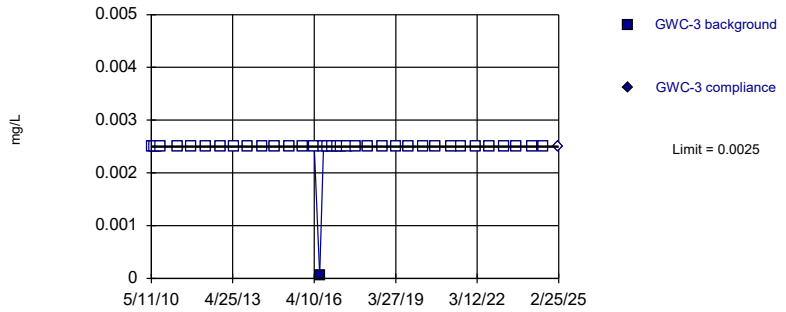
Constituent: Beryllium Analysis Run 6/18/2025 4:17 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 97.3% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

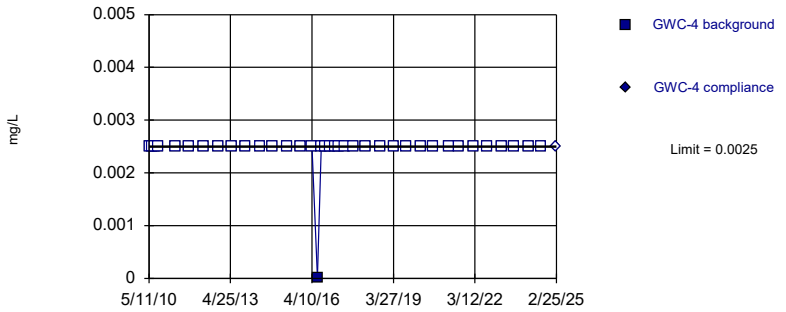
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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



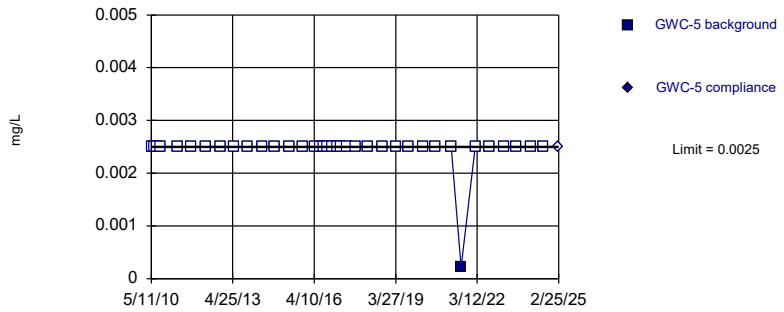
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 97.3% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Beryllium Analysis Run 6/18/2025 4:17 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



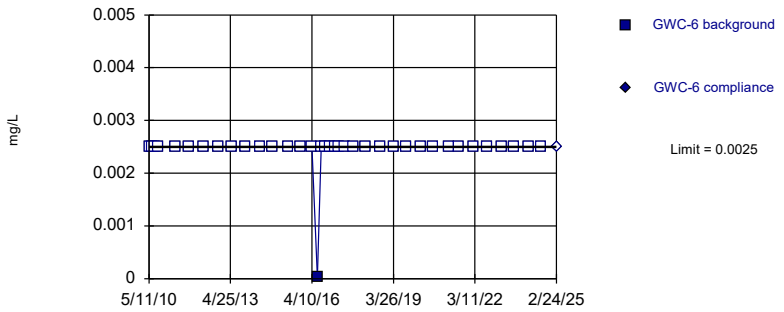
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 97.3% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Beryllium Analysis Run 6/18/2025 4:17 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



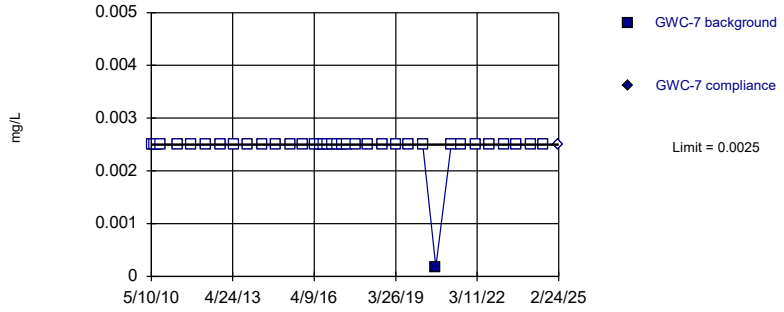
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 97.3% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Beryllium Analysis Run 6/18/2025 4:17 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



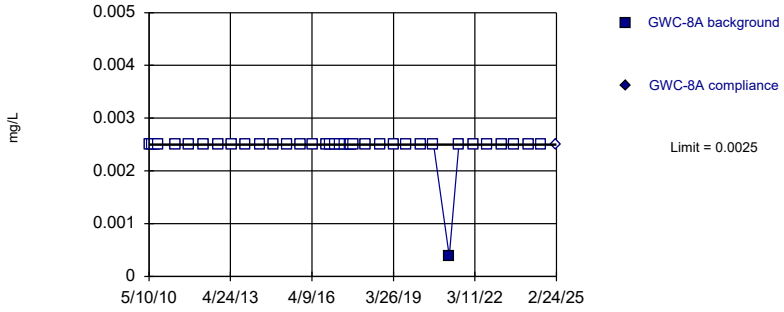
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 97.3% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Beryllium Analysis Run 6/18/2025 4:18 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



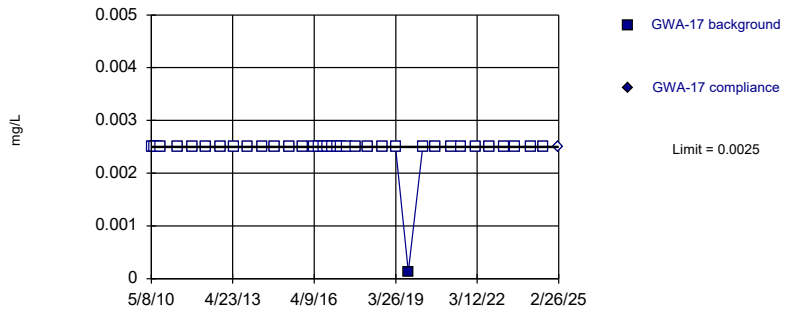
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 97.3% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Beryllium Analysis Run 6/18/2025 4:18 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



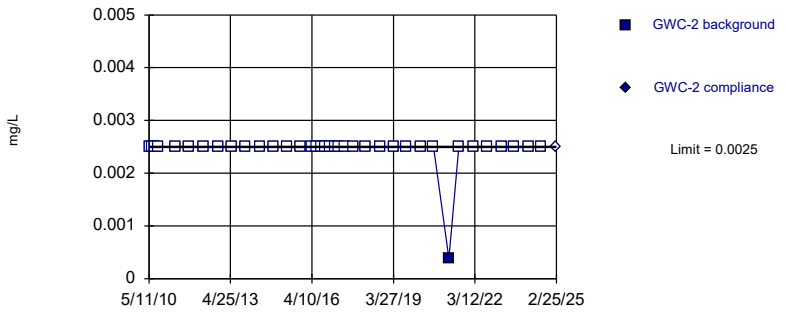
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 97.3% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Cadmium Analysis Run 6/18/2025 4:18 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



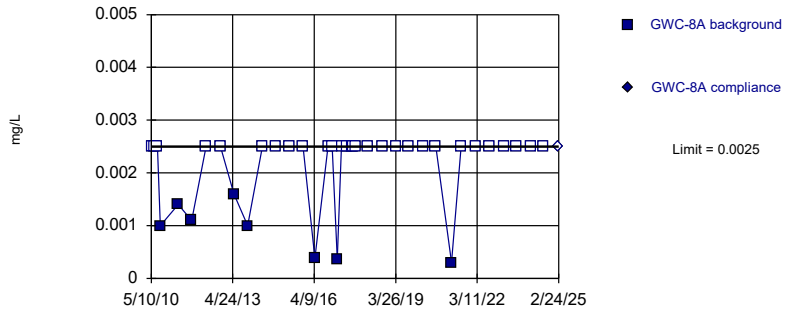
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 97.3% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Cadmium Analysis Run 6/18/2025 4:18 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



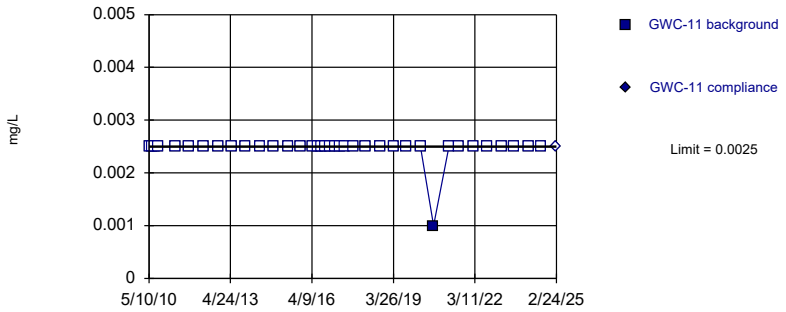
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 78.38% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Cadmium Analysis Run 6/18/2025 4:18 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 97.3% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

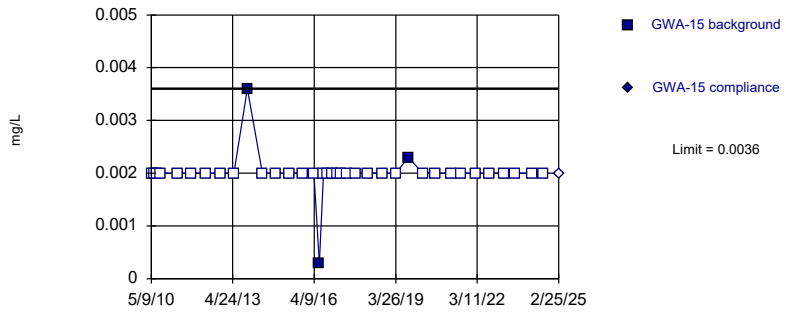
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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 91.89% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Chromium Analysis Run 6/18/2025 4:18 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.005088, Std. Dev.=0.00122, n=37. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.967, critical = 0.914. Kappa = 2.447 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

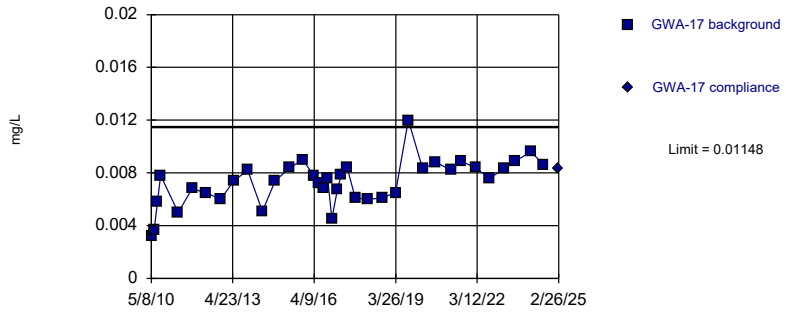
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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.007284, Std. Dev.=0.001716, n=37. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9682, critical = 0.914. Kappa = 2.447 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

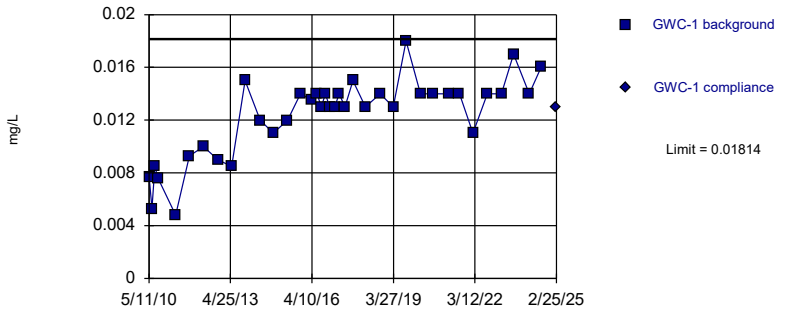
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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square transformation): Mean=0.0001616, Std. Dev.=0.00006843, n=37. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9355, critical = 0.914. Kappa = 2.447 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

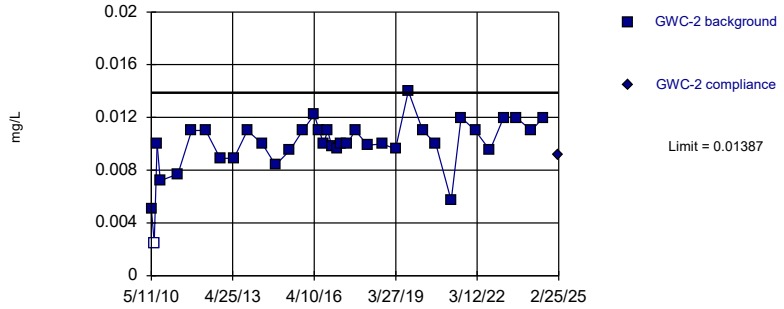
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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square transformation): Mean=0.0001026, Std. Dev.=0.00003666, n=37, 2.703% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9465, critical = 0.914. Kappa = 2.447 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Chromium Analysis Run 6/18/2025 4:18 PM View: Appendix I - Intrawell

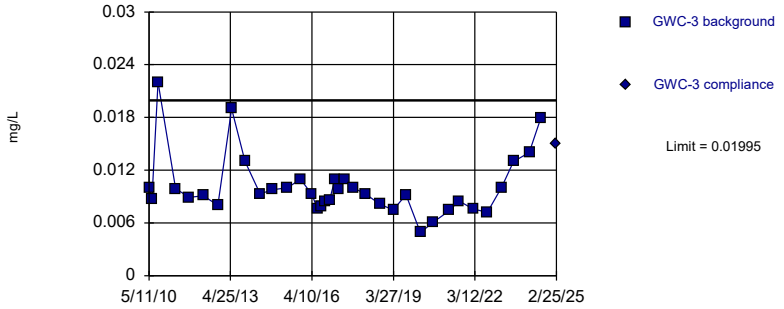
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on natural log transformation): Mean=-4.643, Std. Dev.=0.2968, n=36. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9257, critical = 0.912. Kappa = 2.454 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Chromium Analysis Run 6/18/2025 4:18 PM View: Appendix I - Intrawell

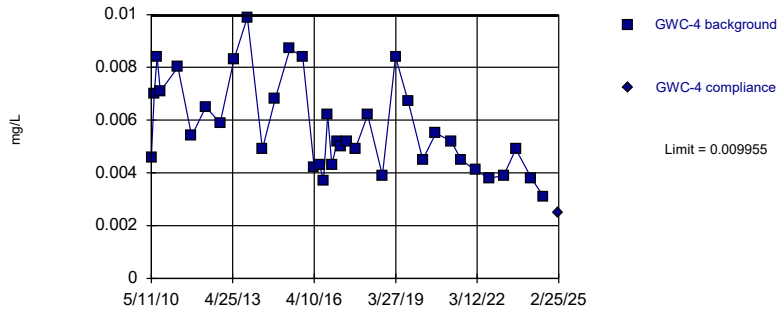
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.005713, Std. Dev.=0.001734, n=37. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9229, critical = 0.914. Kappa = 2.447 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Chromium Analysis Run 6/18/2025 4:18 PM View: Appendix I - Intrawell

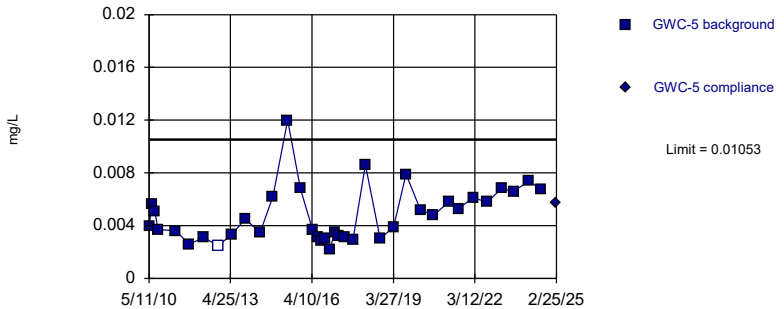
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=0.06791, Std. Dev.=0.01419, n=37, 2.703% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9345, critical = 0.914. Kappa = 2.447 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Chromium Analysis Run 6/18/2025 4:18 PM View: Appendix I - Intrawell

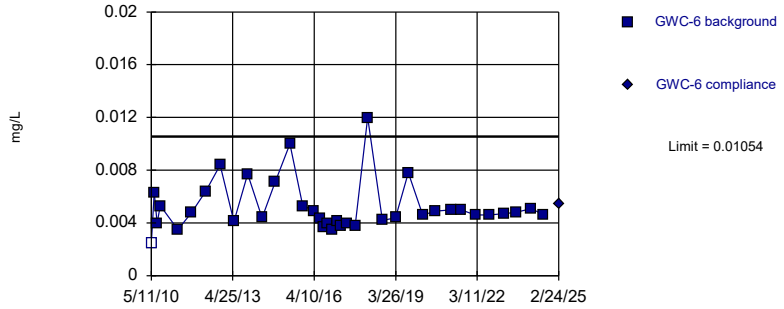
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on natural log transformation): Mean=-5.311, Std. Dev.=0.3102, n=37, 2.703% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9187, critical = 0.914. Kappa = 2.447 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

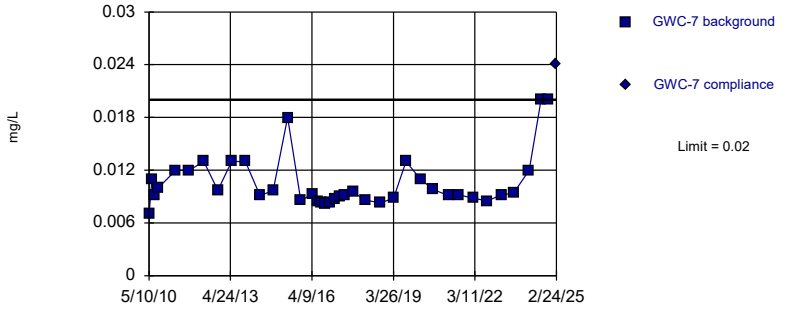
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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Exceeds Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 38 background values. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

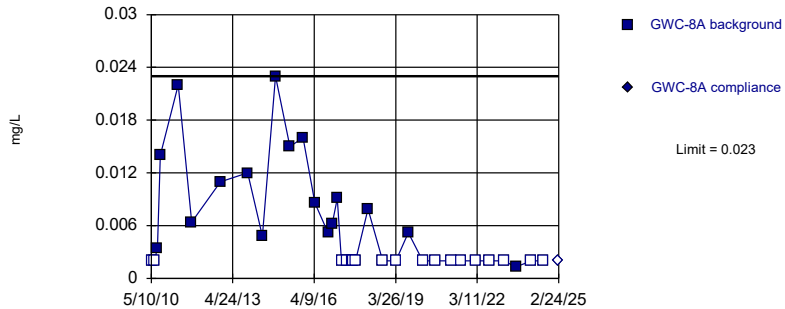
Constituent: Chromium Analysis Run 6/18/2025 4:18 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 35 background values. 51.43% NDs. Well-constituent pair annual alpha = 0.002991. Individual comparison alpha = 0.001497 (1 of 2).

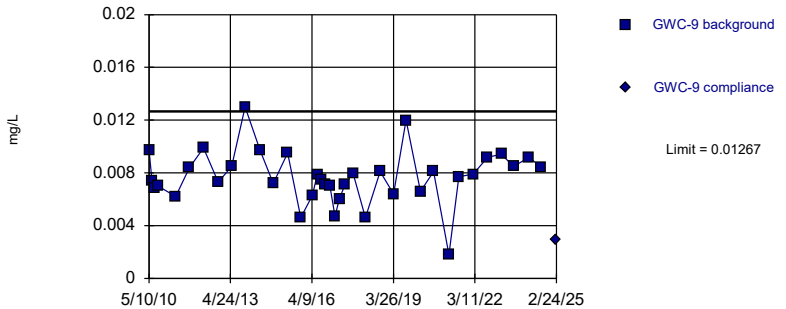
Constituent: Chromium Analysis Run 6/18/2025 4:18 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.007694, Std. Dev.=0.002034, n=37. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9645, critical = 0.914. Kappa = 2.447 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

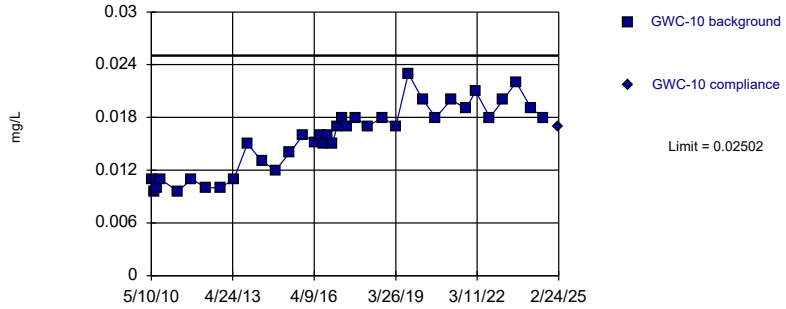
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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.01568, Std. Dev.=0.003816, n=37. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9368, critical = 0.914. Kappa = 2.447 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

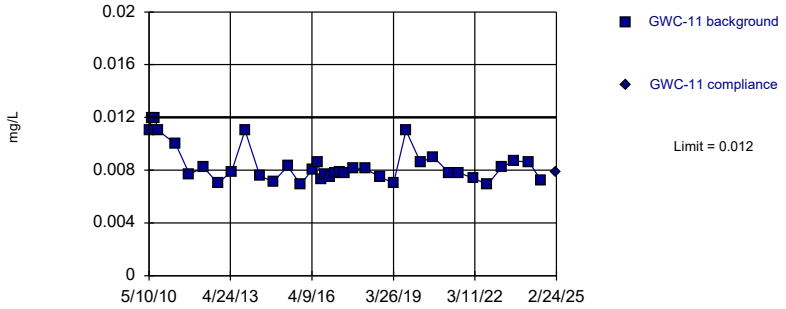
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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 37 background values. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

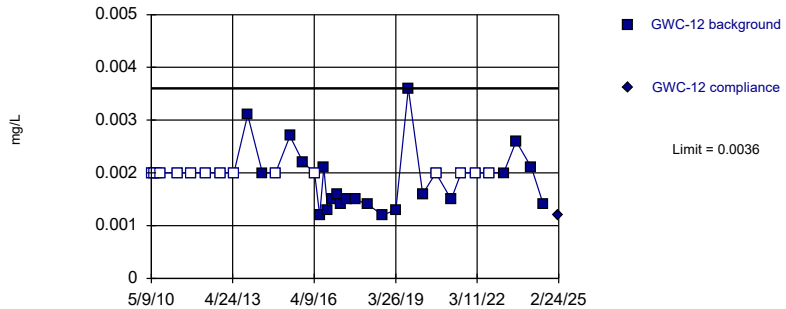
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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 37 background values. 37.84% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

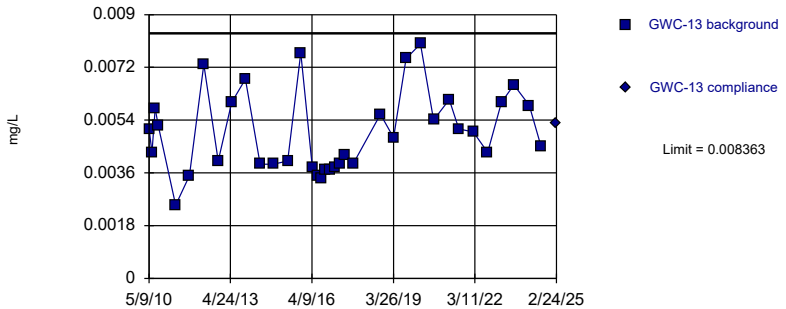
Constituent: Chromium Analysis Run 6/18/2025 4:18 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.004964, Std. Dev.=0.001385, n=36. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9316, critical = 0.912. Kappa = 2.454 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

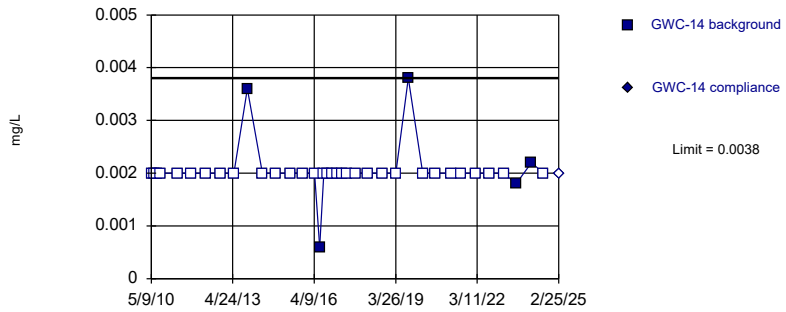
Constituent: Chromium Analysis Run 6/18/2025 4:18 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 86.49% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

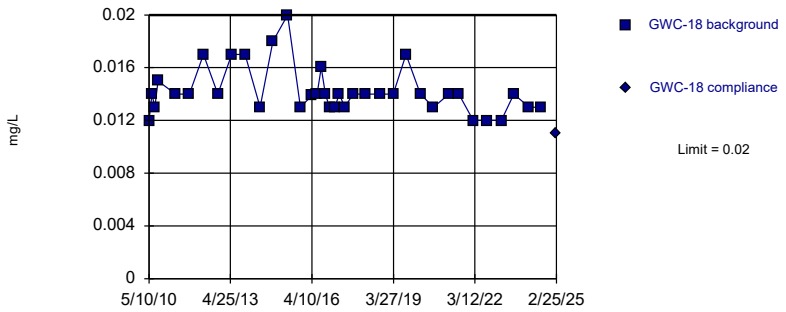
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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 37 background values. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

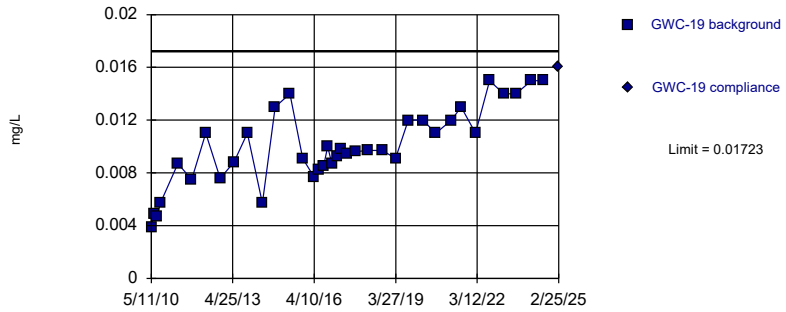
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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.00998, Std. Dev.=0.002962, n=37. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9603, critical = 0.914. Kappa = 2.447 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

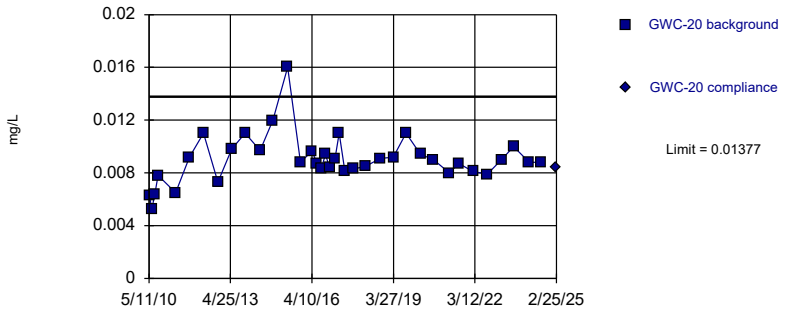
Constituent: Chromium Analysis Run 6/18/2025 4:18 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=0.0945, Std. Dev.=0.00934, n=37. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9363, critical = 0.914. Kappa = 2.447 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

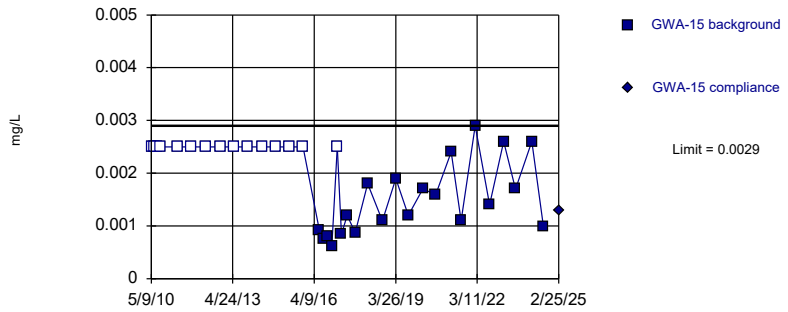
Constituent: Chromium Analysis Run 6/18/2025 4:18 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 36 background values. 41.67% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

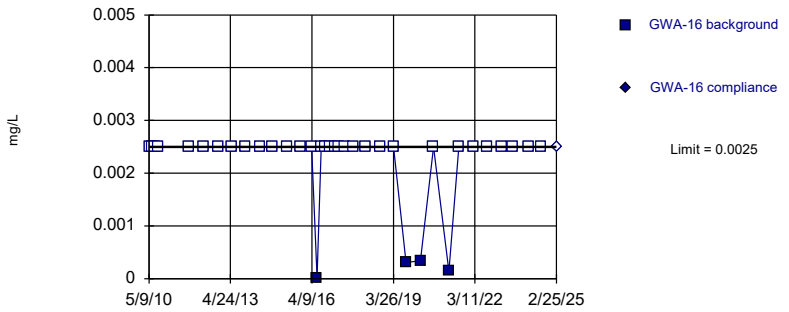
Constituent: Cobalt Analysis Run 6/18/2025 4:18 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 88.89% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

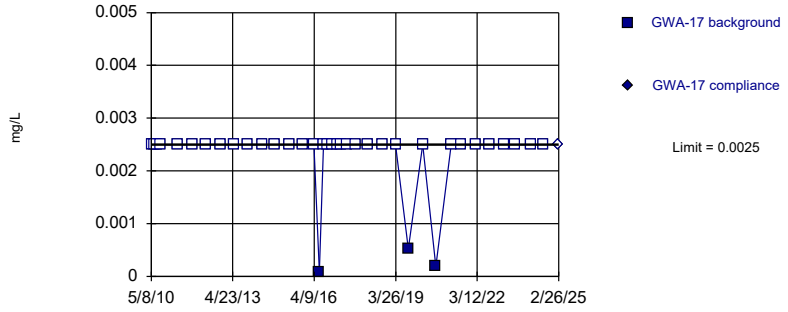
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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 91.89% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

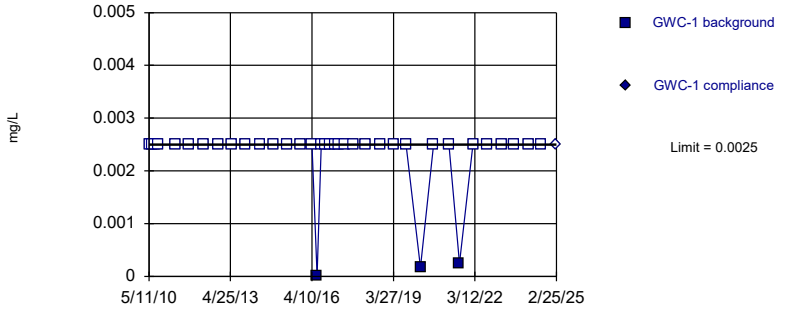
Constituent: Cobalt Analysis Run 6/18/2025 4:18 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



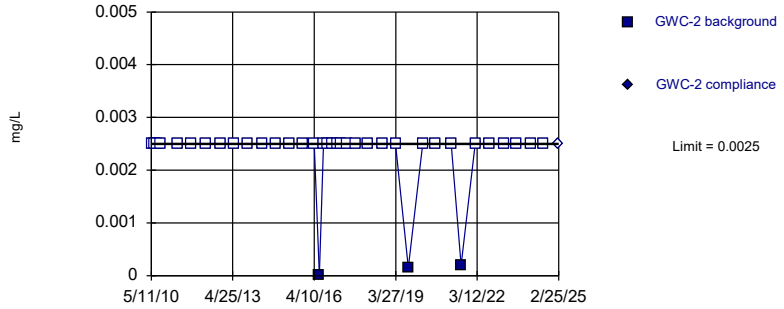
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 91.89% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Cobalt Analysis Run 6/18/2025 4:18 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



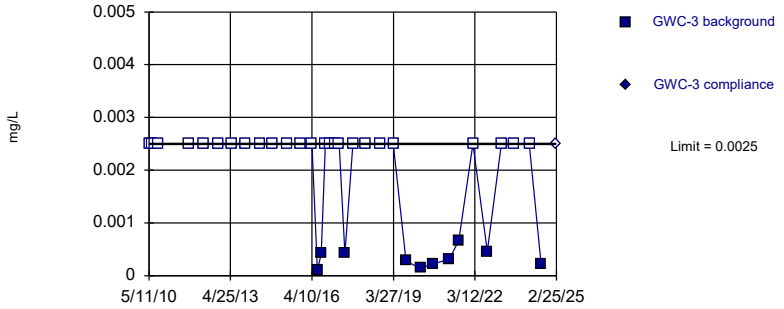
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 91.89% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Cobalt Analysis Run 6/18/2025 4:18 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



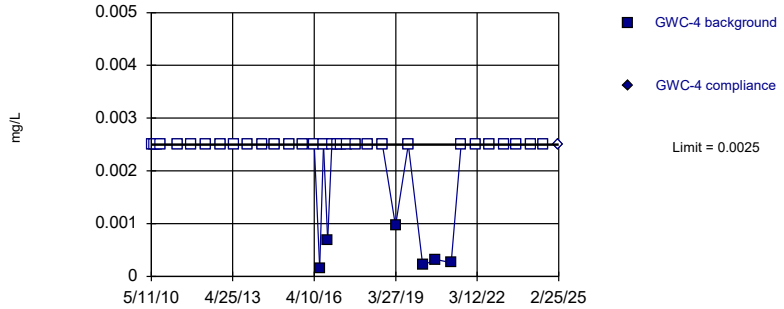
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 35 background values. 71.43% NDs. Well-constituent pair annual alpha = 0.002991. Individual comparison alpha = 0.001497 (1 of 2).

Constituent: Cobalt Analysis Run 6/18/2025 4:18 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



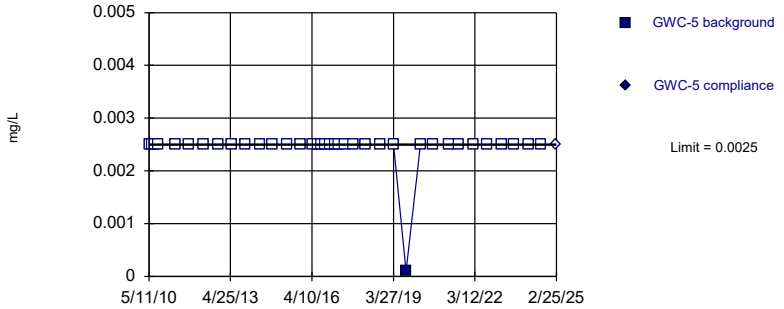
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 83.78% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Cobalt Analysis Run 6/18/2025 4:18 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



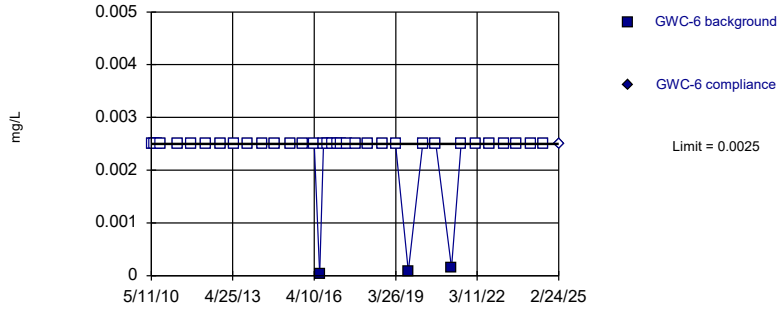
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 97.3% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Cobalt Analysis Run 6/18/2025 4:18 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



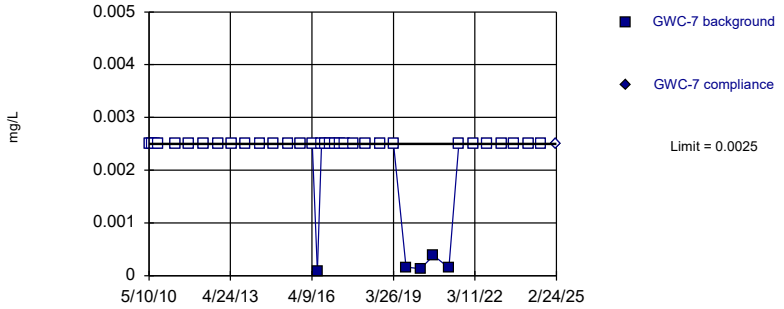
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 91.89% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Cobalt Analysis Run 6/18/2025 4:18 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



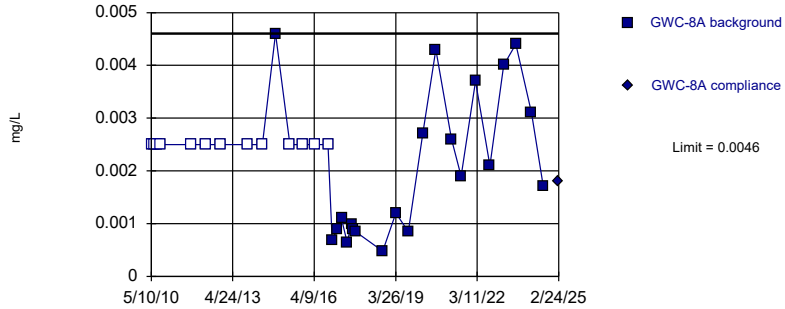
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 86.49% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Cobalt Analysis Run 6/18/2025 4:18 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



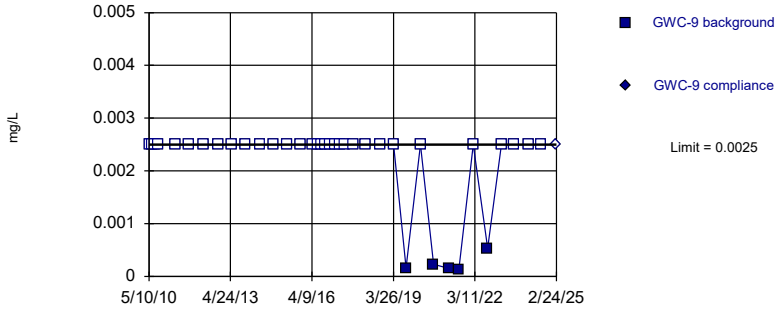
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 34 background values. 38.24% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

Constituent: Cobalt Analysis Run 6/18/2025 4:18 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



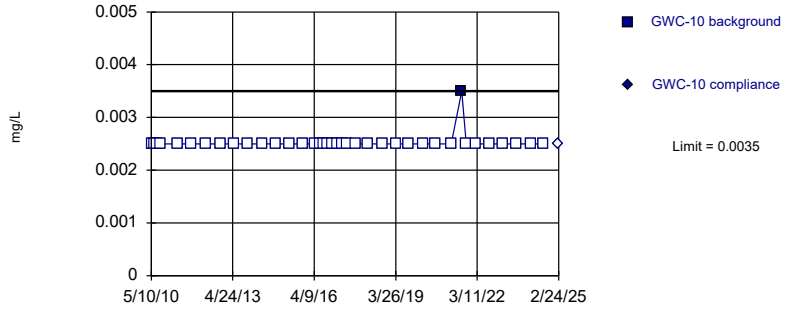
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 86.49% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Cobalt Analysis Run 6/18/2025 4:18 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



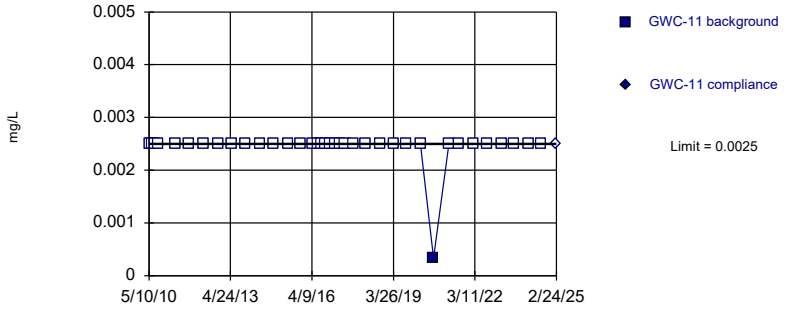
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 97.37% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Constituent: Cobalt Analysis Run 6/18/2025 4:18 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



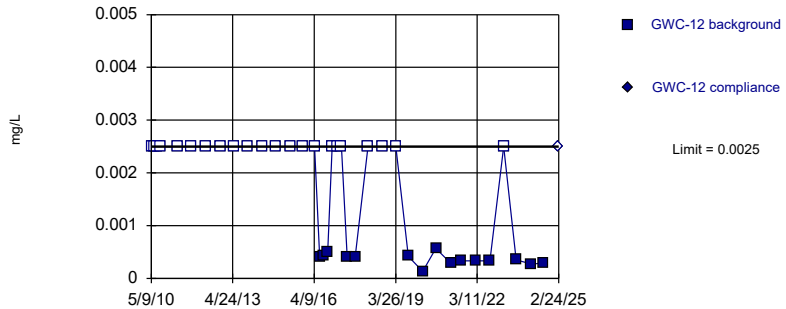
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 97.3% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Cobalt Analysis Run 6/18/2025 4:18 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



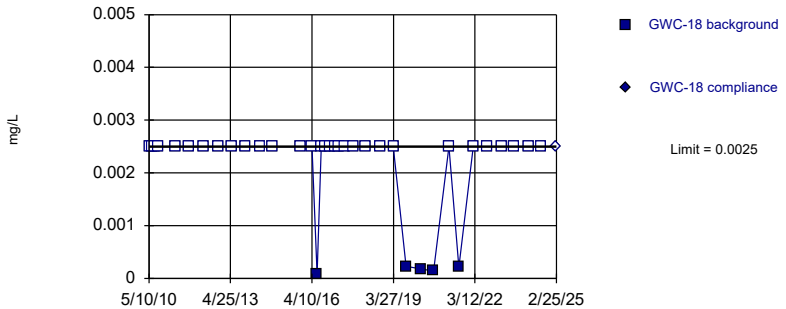
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 59.46% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Cobalt Analysis Run 6/18/2025 4:18 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 86.11% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

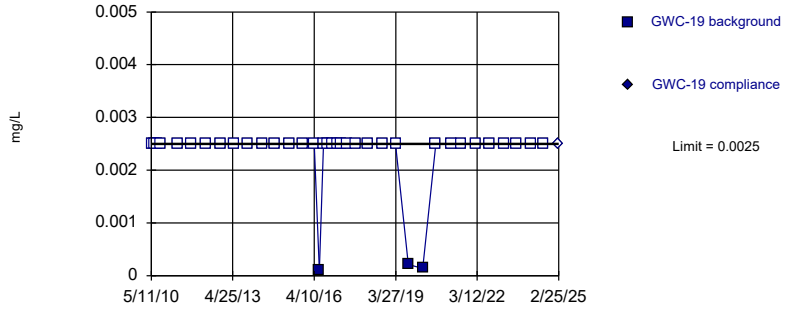
Constituent: Cobalt Analysis Run 6/18/2025 4:18 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 91.89% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

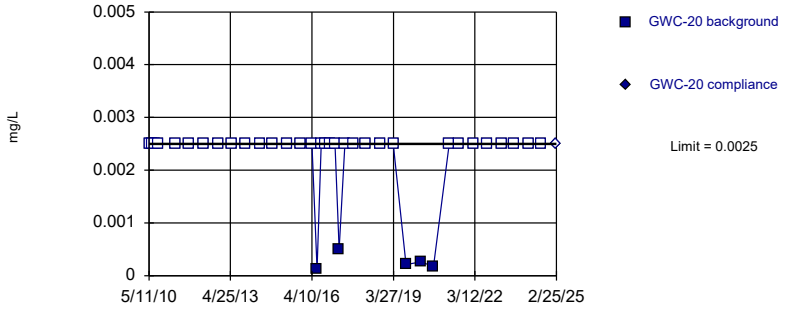
Constituent: Cobalt Analysis Run 6/18/2025 4:18 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 86.49% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

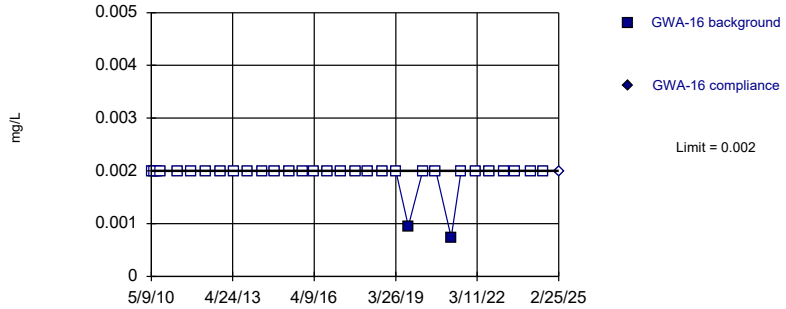
Constituent: Cobalt Analysis Run 6/18/2025 4:18 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

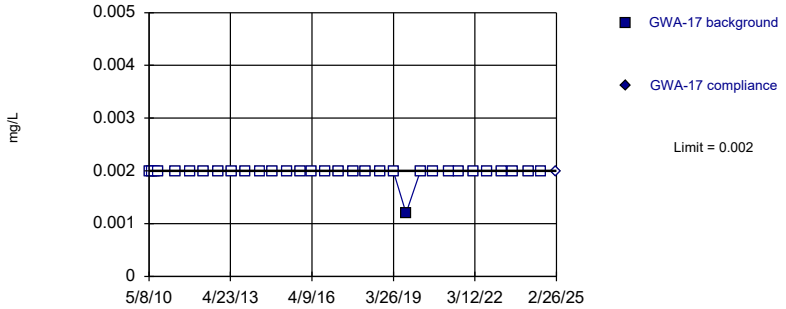
Constituent: Copper Analysis Run 6/18/2025 4:18 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



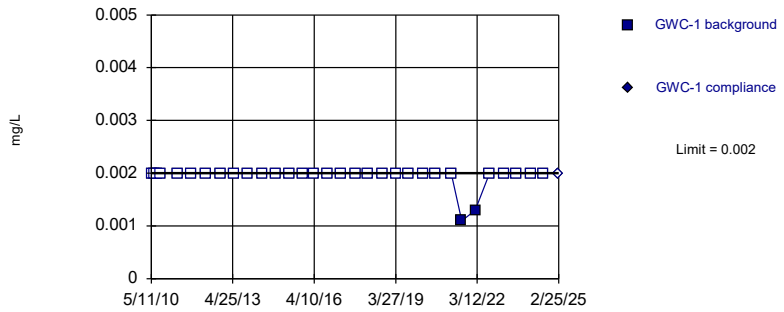
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 96.88% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Copper Analysis Run 6/18/2025 4:19 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



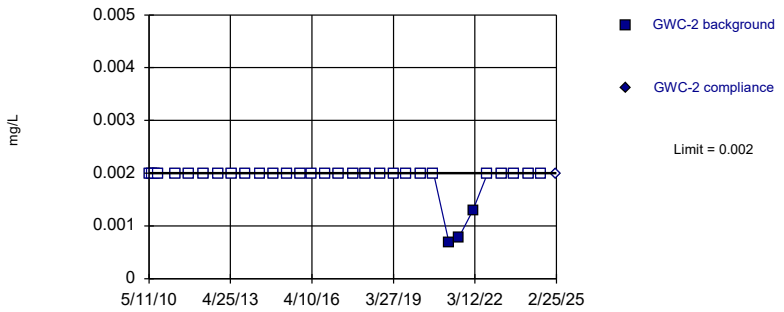
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Copper Analysis Run 6/18/2025 4:19 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



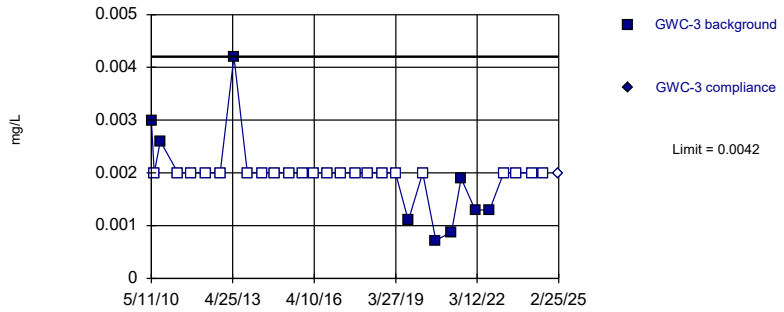
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 90.63% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Copper Analysis Run 6/18/2025 4:19 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



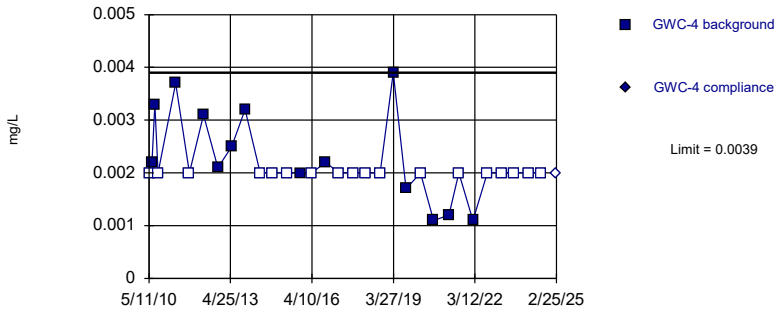
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 70.97% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

Constituent: Copper Analysis Run 6/18/2025 4:19 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



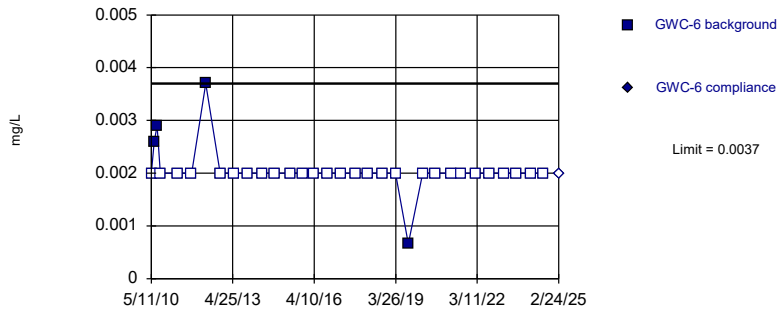
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 56.25% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Copper Analysis Run 6/18/2025 4:19 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



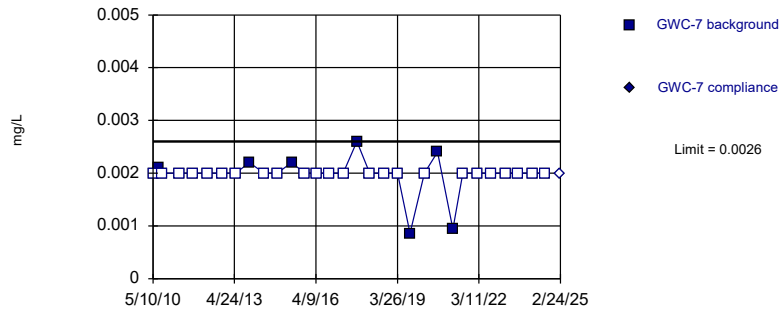
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Copper Analysis Run 6/18/2025 4:19 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



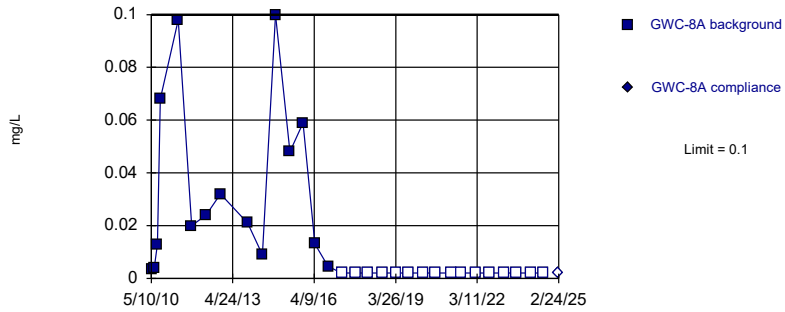
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 77.42% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

Constituent: Copper Analysis Run 6/18/2025 4:19 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



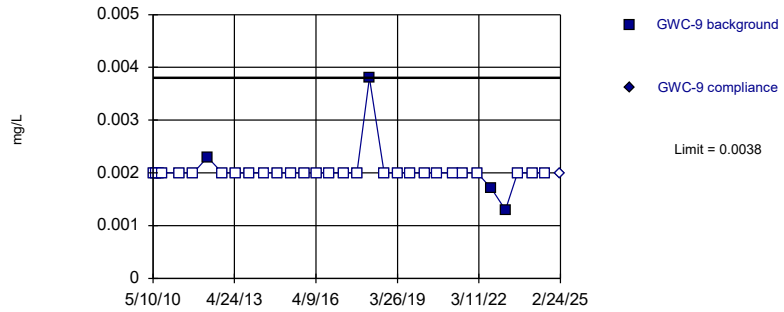
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 51.61% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

Constituent: Copper Analysis Run 6/18/2025 4:19 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



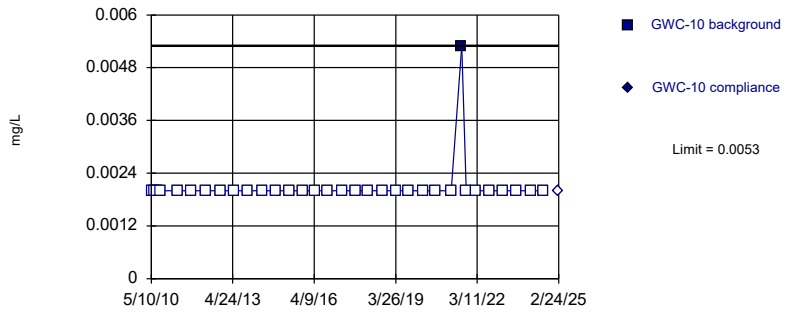
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Copper Analysis Run 6/18/2025 4:19 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



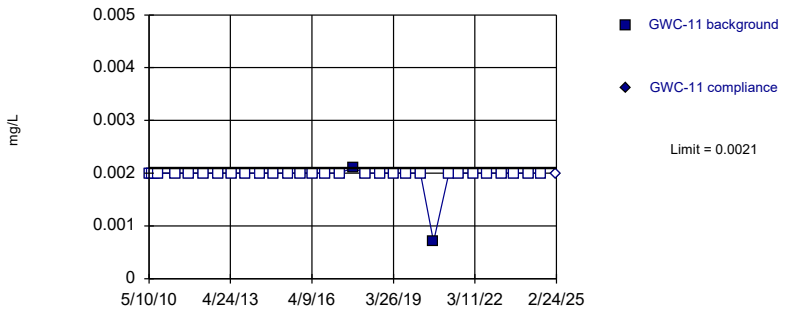
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 96.97% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Copper Analysis Run 6/18/2025 4:19 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



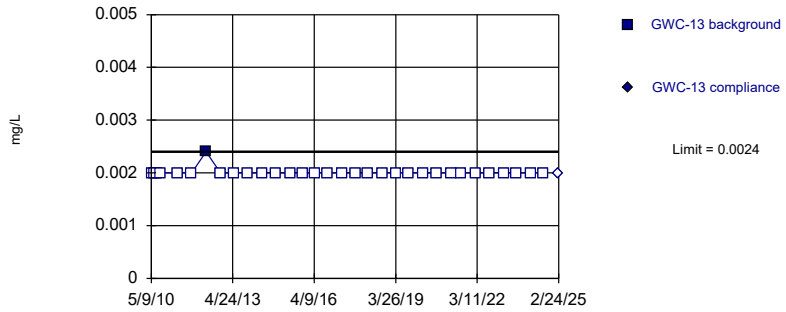
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Copper Analysis Run 6/18/2025 4:19 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



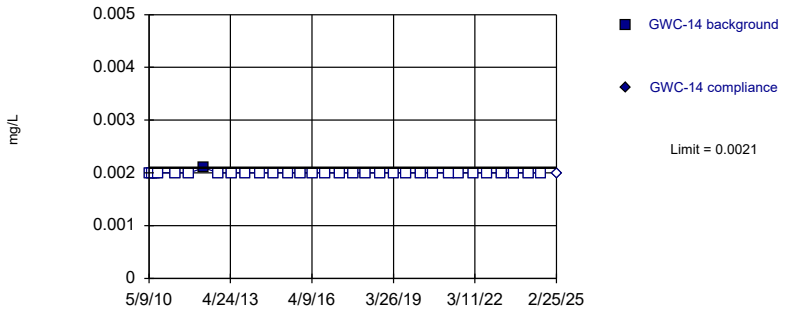
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 96.88% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Copper Analysis Run 6/18/2025 4:19 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 96.88% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

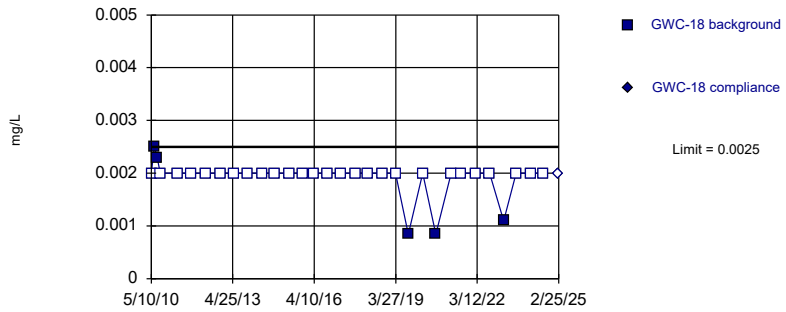
Constituent: Copper Analysis Run 6/18/2025 4:19 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 84.38% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

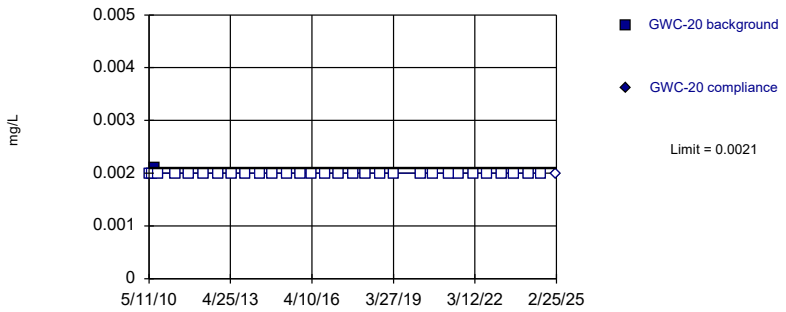
Constituent: Copper Analysis Run 6/18/2025 4:19 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 96.77% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

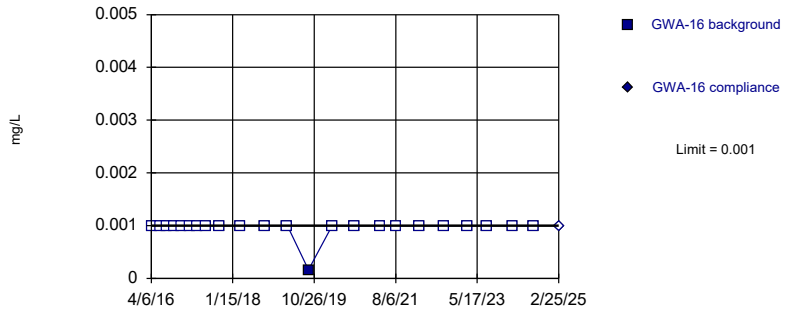
Constituent: Copper Analysis Run 6/18/2025 4:19 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

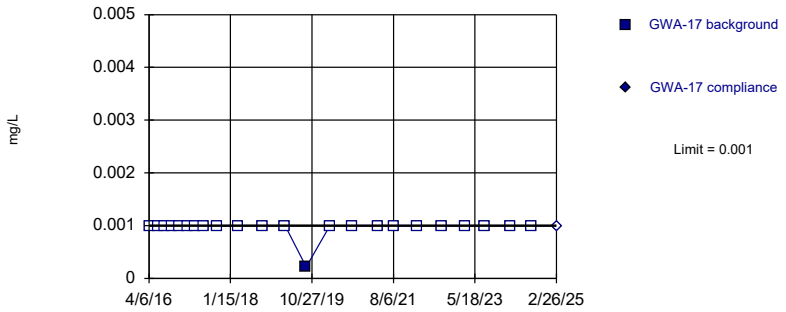
Constituent: Lead Analysis Run 6/18/2025 4:19 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

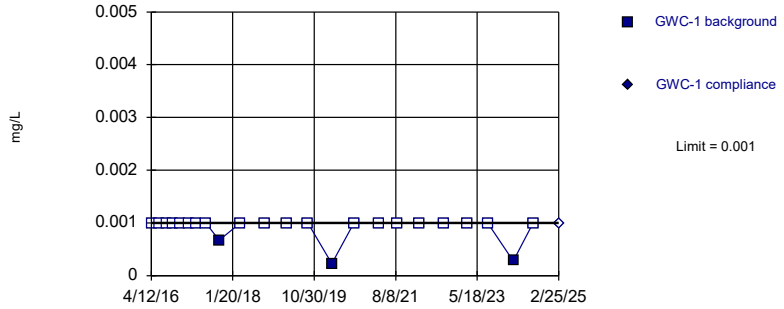
Constituent: Lead Analysis Run 6/18/2025 4:19 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 86.96% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Lead Analysis Run 6/18/2025 4:19 PM View: Appendix I - Intrawell

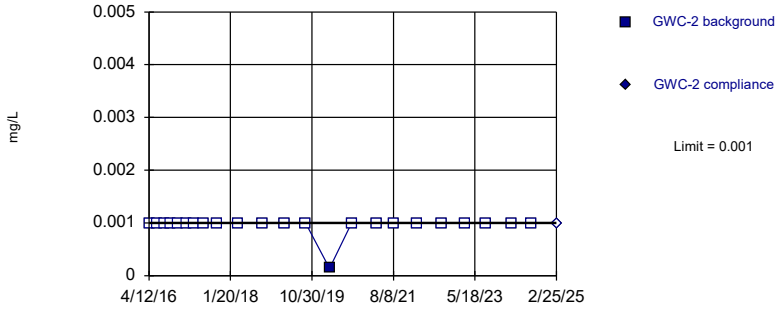
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Lead Analysis Run 6/18/2025 4:19 PM View: Appendix I - Intrawell

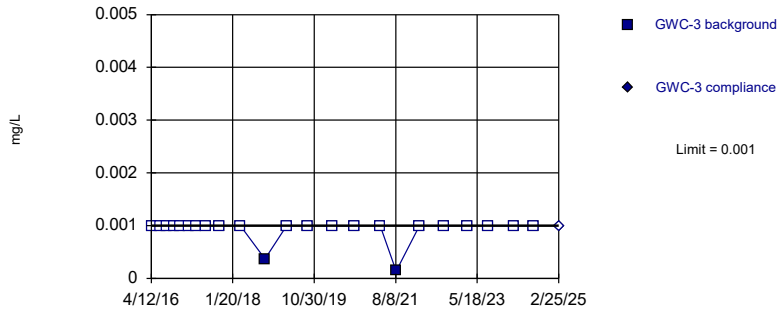
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Lead Analysis Run 6/18/2025 4:19 PM View: Appendix I - Intrawell

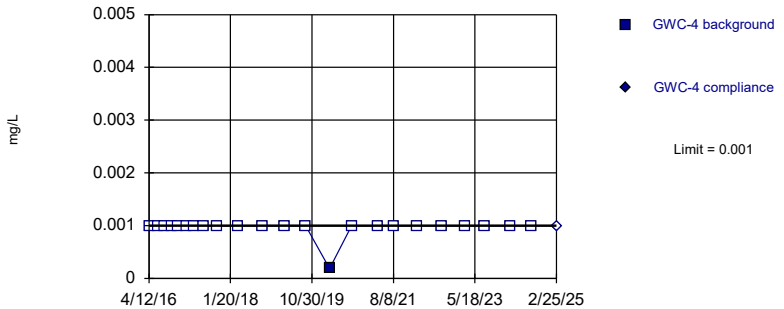
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Lead Analysis Run 6/18/2025 4:19 PM View: Appendix I - Intrawell

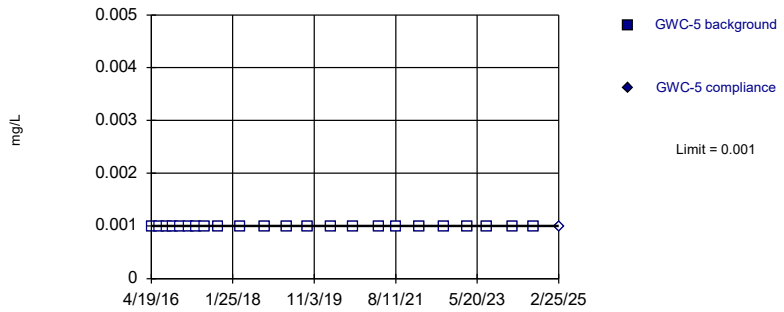
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

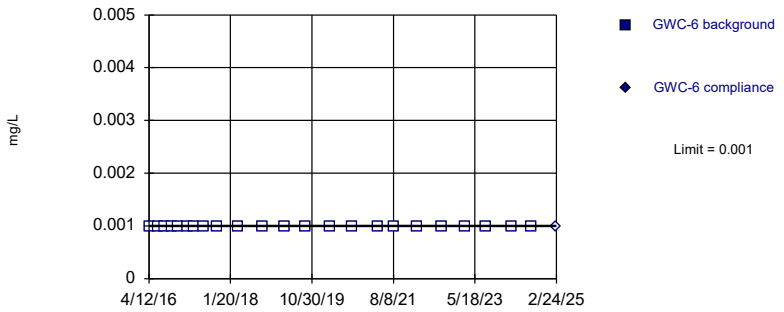
Constituent: Lead Analysis Run 6/18/2025 4:19 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

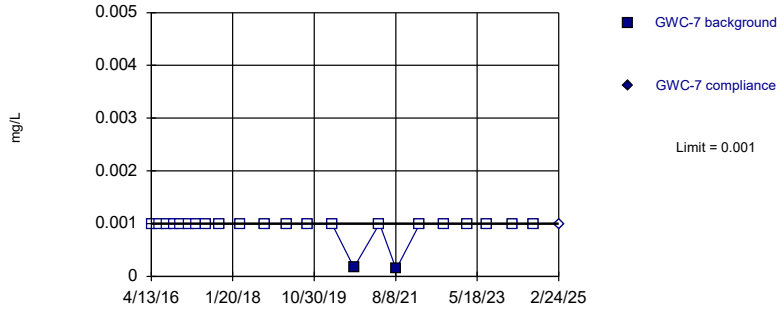
Constituent: Lead Analysis Run 6/18/2025 4:19 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

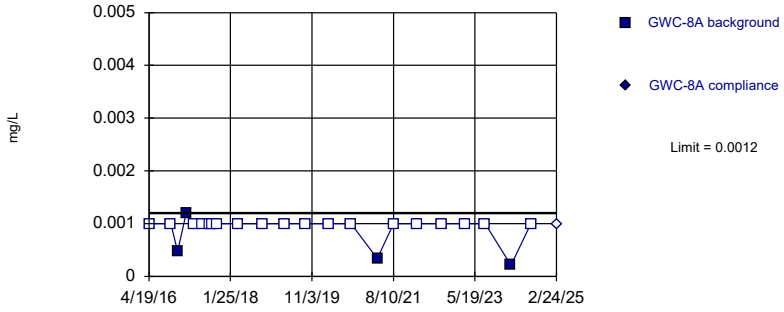
Constituent: Lead Analysis Run 6/18/2025 4:19 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 82.61% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

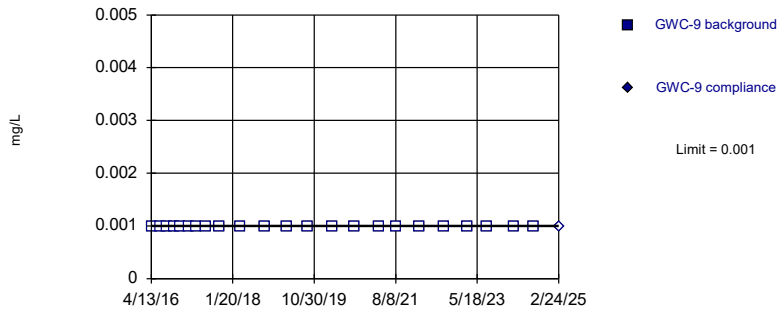
Constituent: Lead Analysis Run 6/18/2025 4:19 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

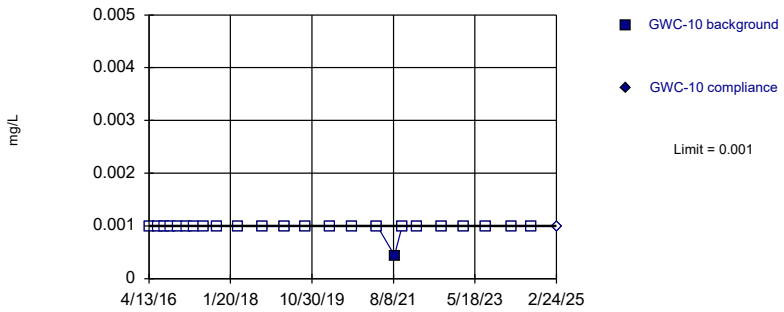
Constituent: Lead Analysis Run 6/18/2025 4:19 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 95.83% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

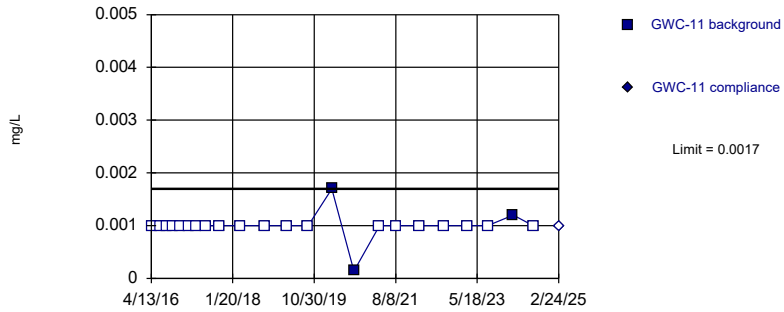
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Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 86.96% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

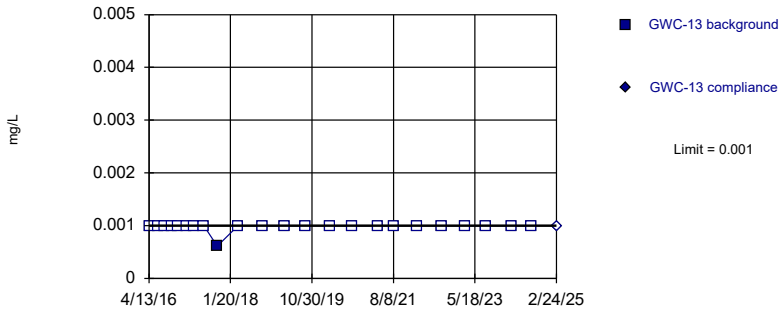
Constituent: Lead Analysis Run 6/18/2025 4:19 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Within Limit

Prediction Limit

Intrawell Non-parametric



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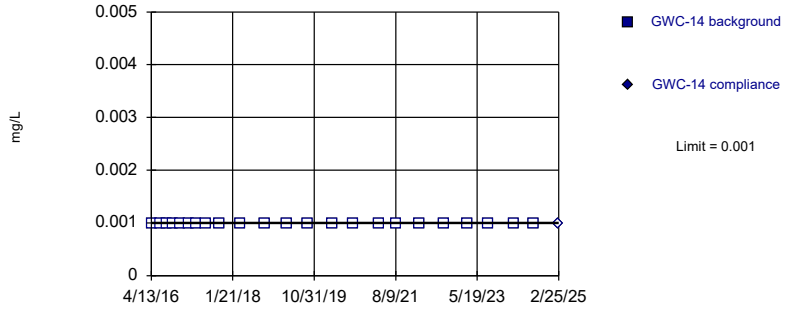
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Within Limit

Prediction Limit

Intrawell Non-parametric



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Constituent: Lead Analysis Run 6/18/2025 4:19 PM View: Appendix I - Intrawell

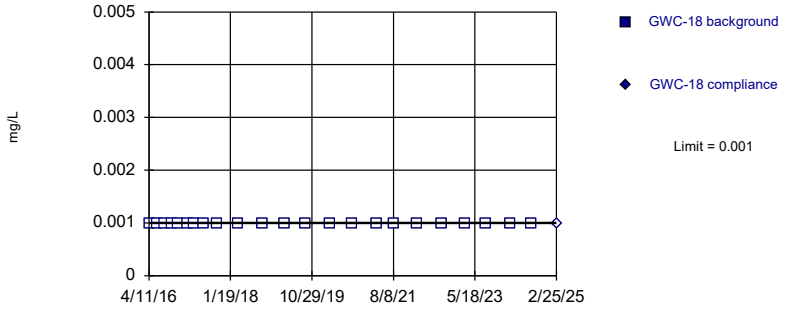
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Within Limit

Prediction Limit

Intrawell Non-parametric



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Constituent: Lead Analysis Run 6/18/2025 4:19 PM View: Appendix I - Intrawell

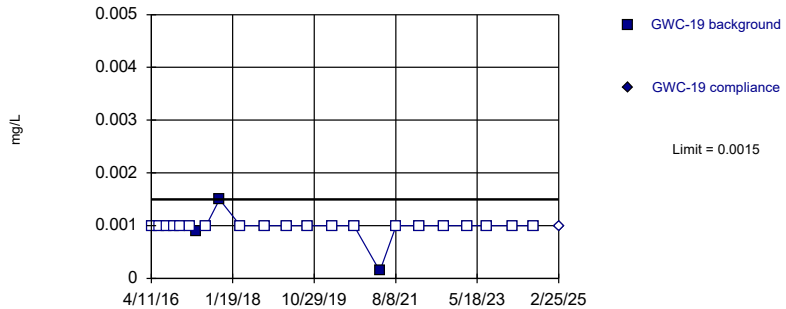
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Within Limit

Prediction Limit

Intrawell Non-parametric



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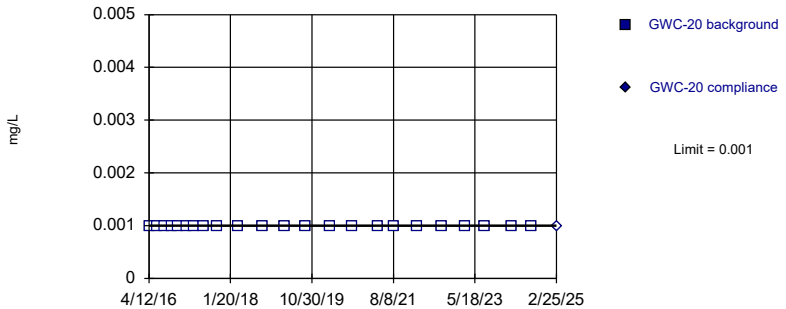
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Within Limit

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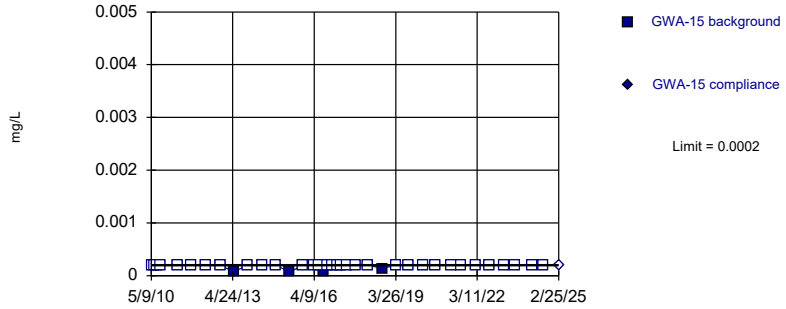
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Within Limit

Prediction Limit

Intrawell Non-parametric



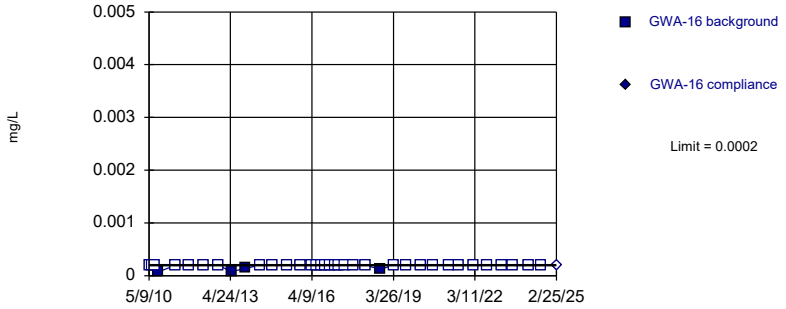
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 89.19% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



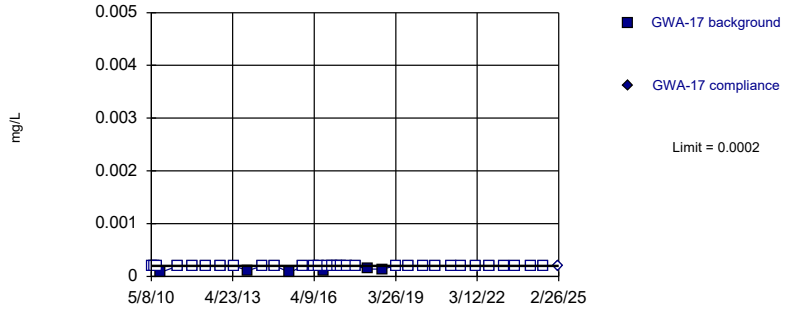
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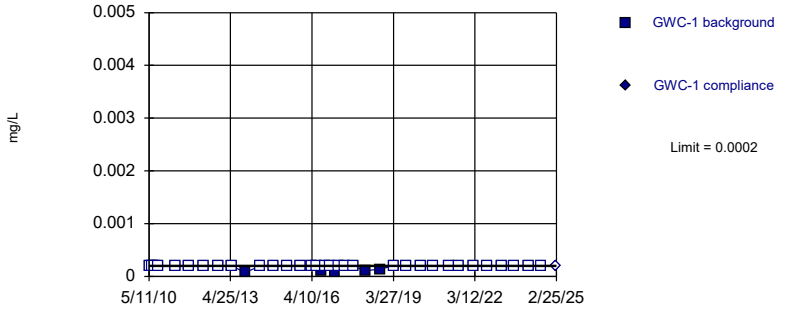
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Intrawell Non-parametric



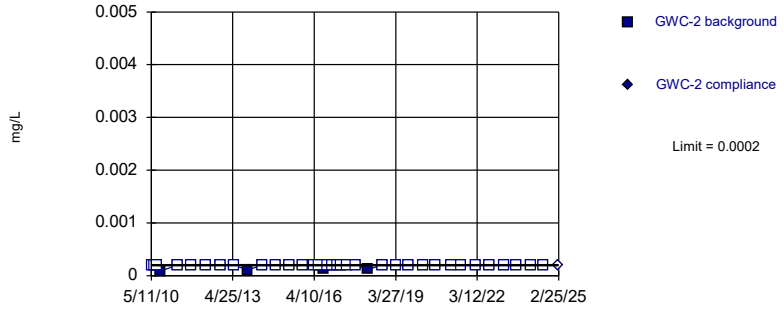
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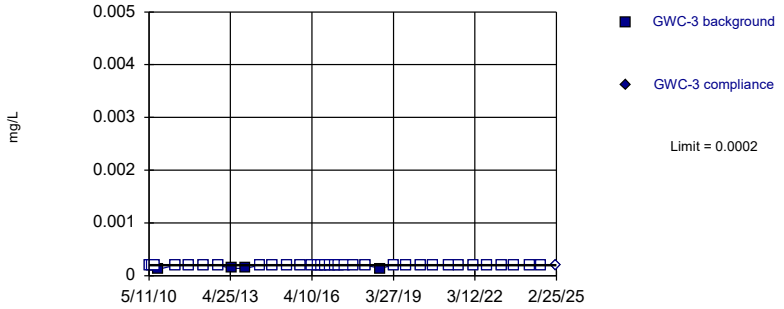
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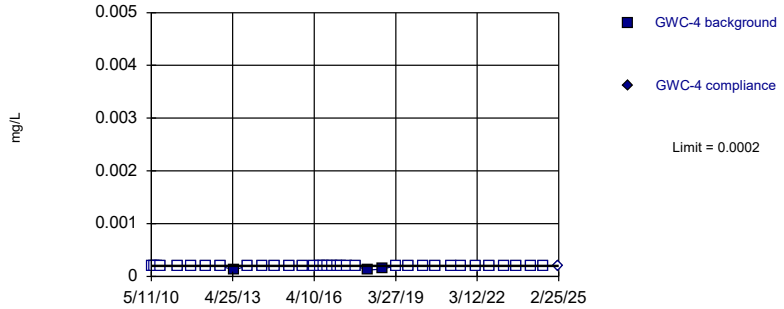
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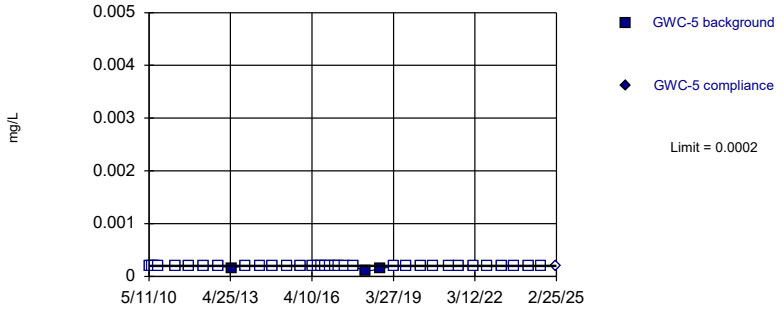
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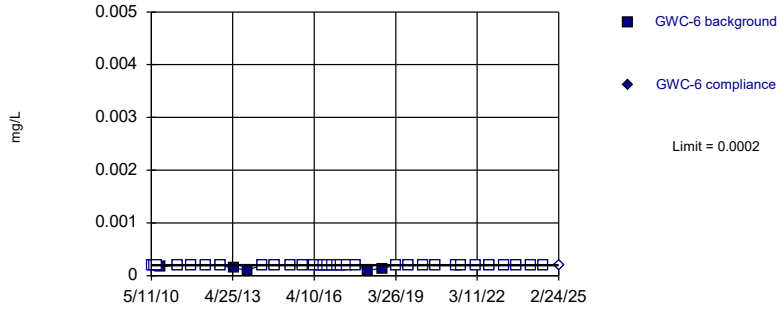
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Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 86.49% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

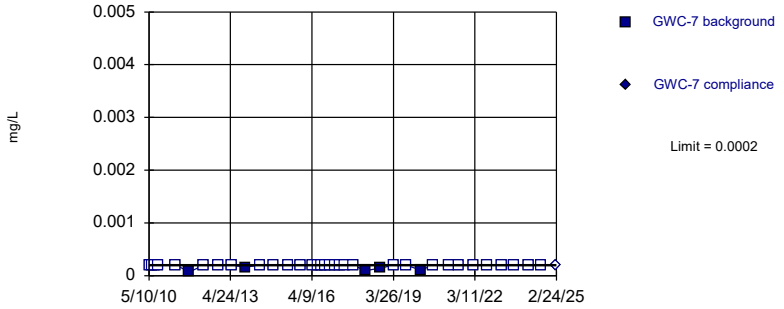
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Within Limit

Prediction Limit

Intrawell Non-parametric



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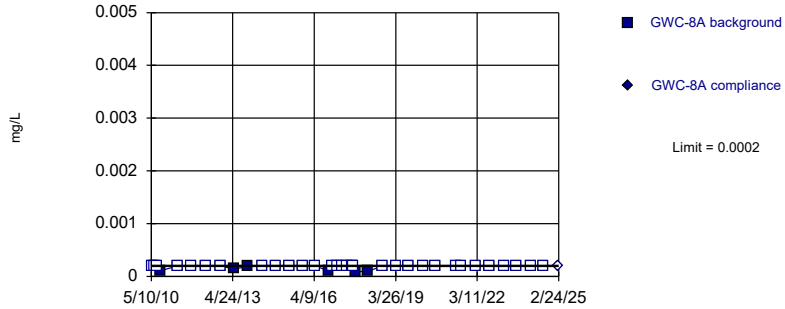
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Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 83.78% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

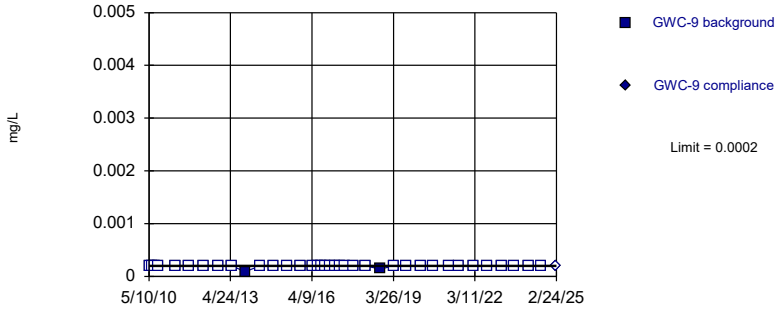
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Within Limit

Prediction Limit

Intrawell Non-parametric



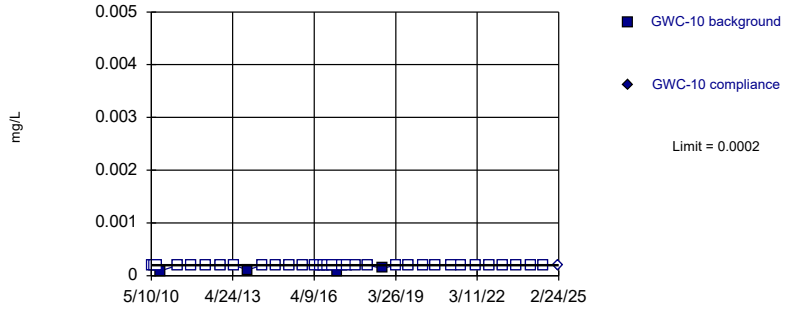
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Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



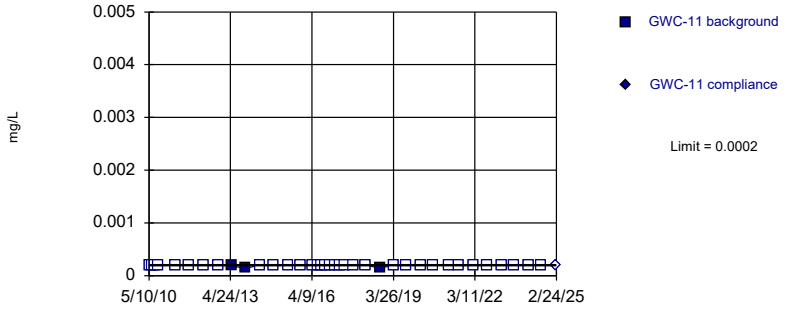
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Within Limit

Prediction Limit

Intrawell Non-parametric



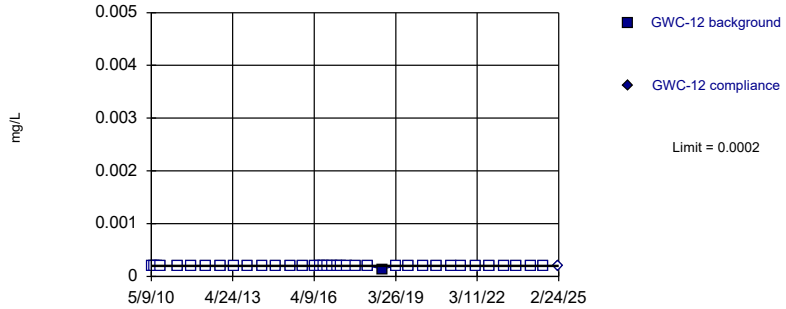
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Constituent: Mercury Analysis Run 6/18/2025 4:20 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Within Limit

Prediction Limit

Intrawell Non-parametric



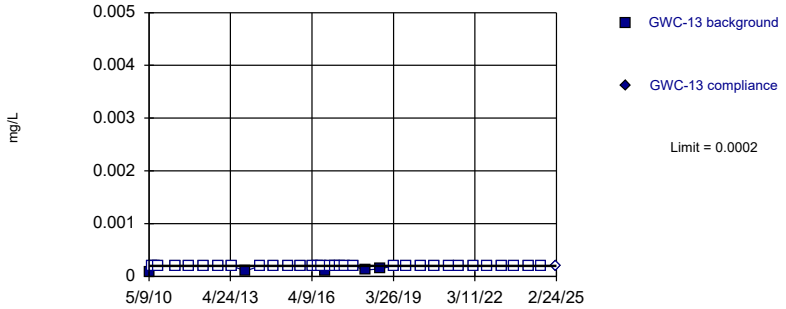
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Constituent: Mercury Analysis Run 6/18/2025 4:20 PM View: Appendix I - Intrawell
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Within Limit

Prediction Limit

Intrawell Non-parametric



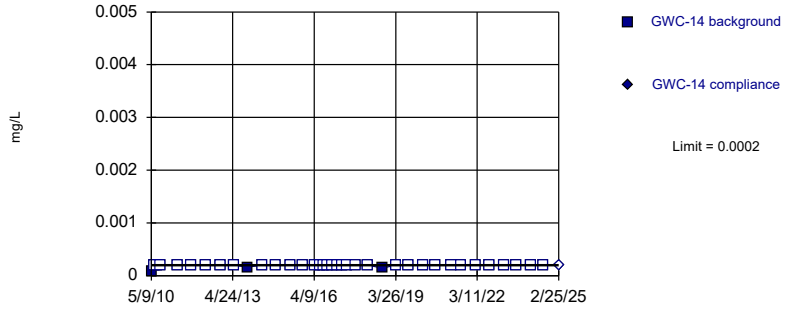
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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Prediction Limit

Intrawell Non-parametric



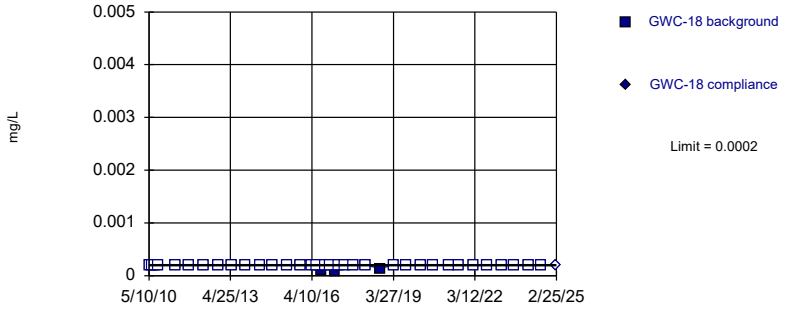
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Within Limit

Prediction Limit

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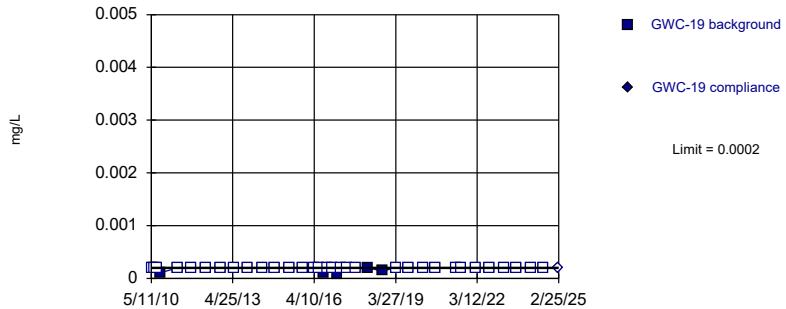
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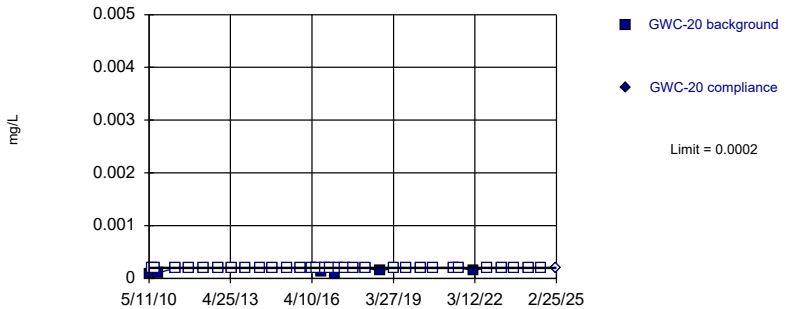
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Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 83.78% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

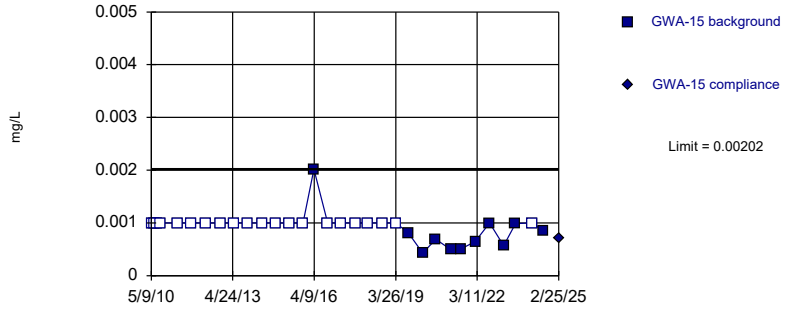
Constituent: Mercury Analysis Run 6/18/2025 4:20 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 65.63% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

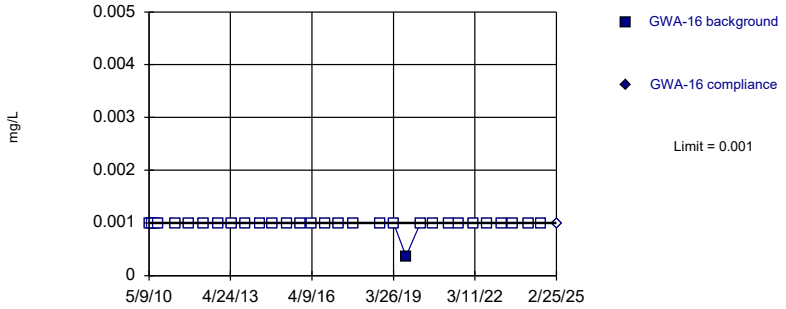
Constituent: Nickel Analysis Run 6/18/2025 4:20 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 96.77% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

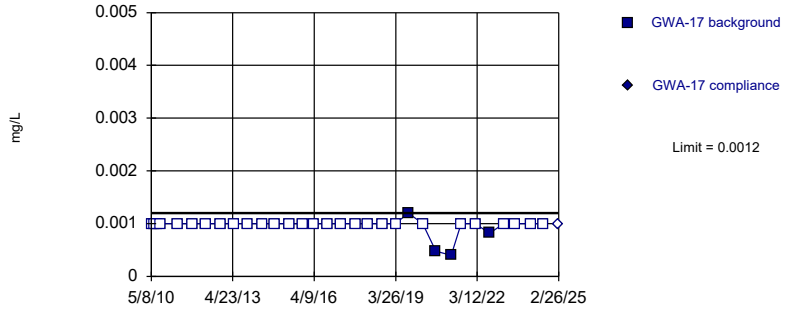
Constituent: Nickel Analysis Run 6/18/2025 4:20 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

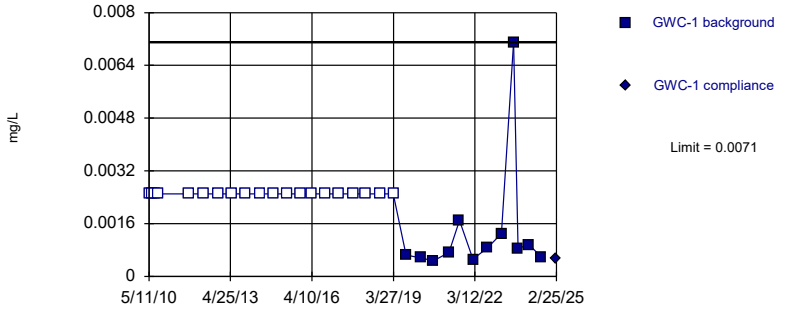
Constituent: Nickel Analysis Run 6/18/2025 4:20 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 62.5% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

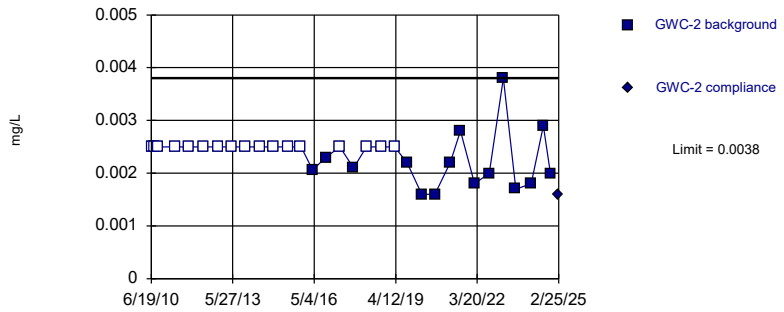
Constituent: Nickel Analysis Run 6/18/2025 4:20 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 53.13% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

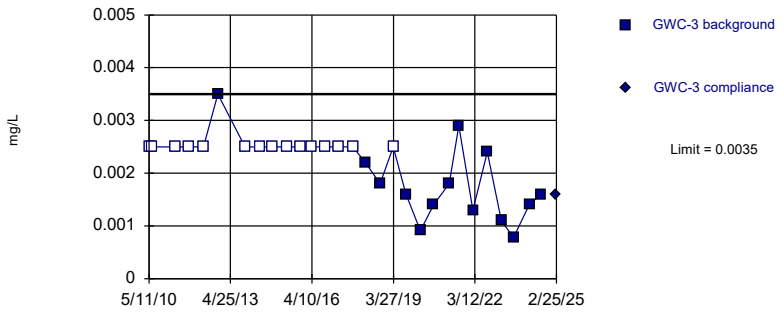
Constituent: Nickel Analysis Run 6/18/2025 4:20 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 51.72% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

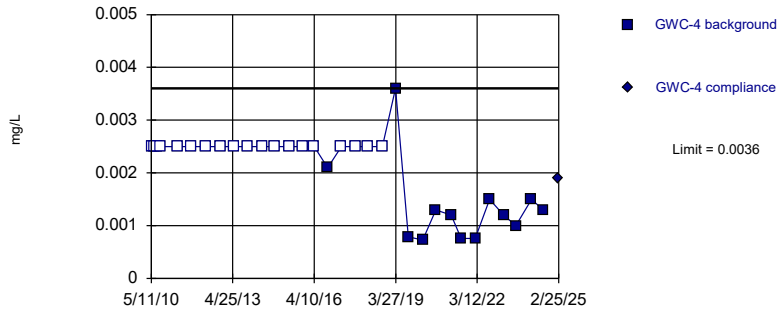
Constituent: Nickel Analysis Run 6/18/2025 4:20 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 59.38% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

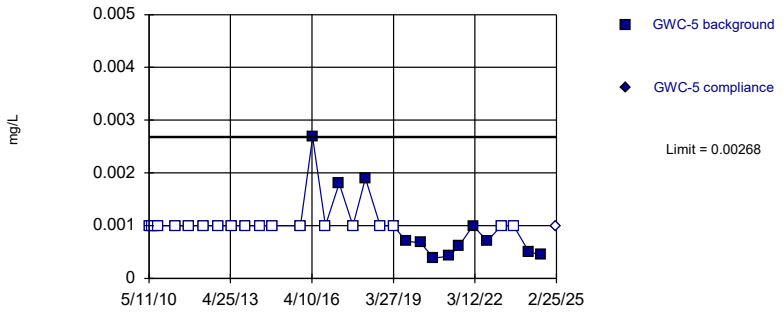
Constituent: Nickel Analysis Run 6/18/2025 4:20 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



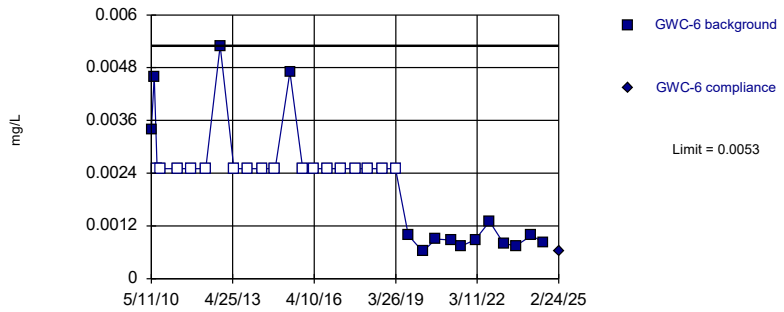
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 61.29% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

Constituent: Nickel Analysis Run 6/18/2025 4:20 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



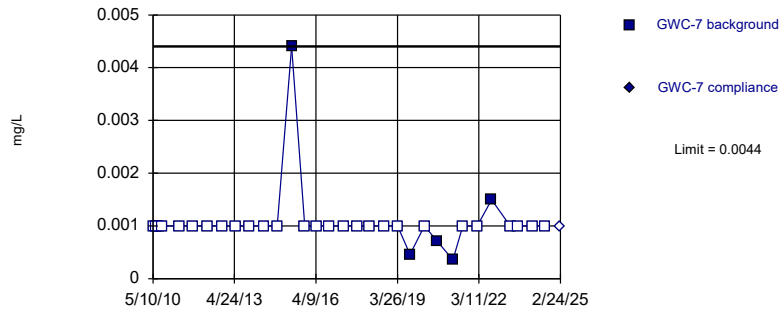
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 53.13% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Nickel Analysis Run 6/18/2025 4:20 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



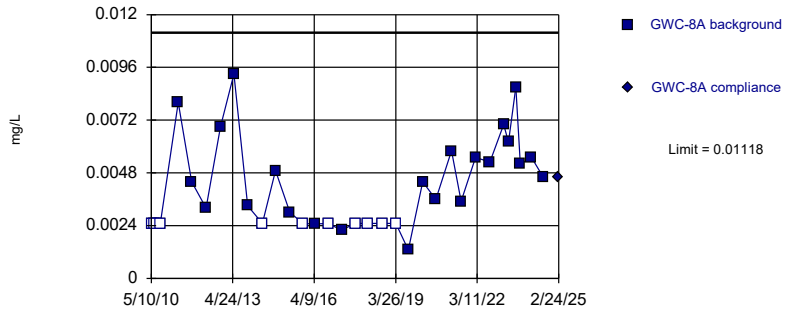
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 84.38% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Nickel Analysis Run 6/18/2025 4:20 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Parametric



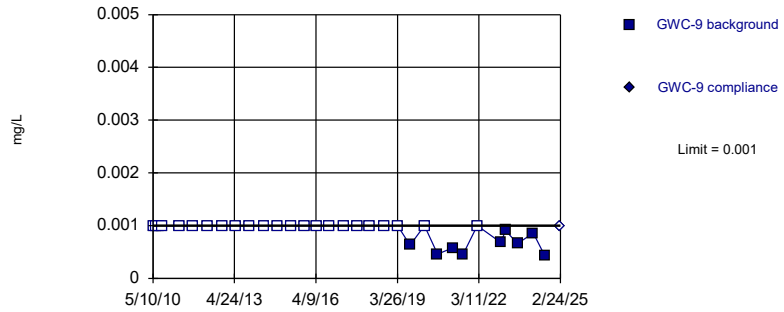
Background Data Summary (based on cube root transformation) (after Kaplan-Meier Adjustment): Mean=0.1514, Std. Dev.=0.02922, n=34, 32.35% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9143, critical = 0.908. Kappa = 2.471 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Nickel Analysis Run 6/18/2025 4:20 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 71.88% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

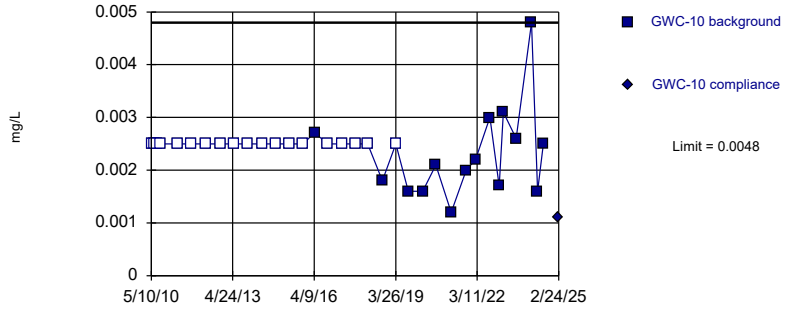
Constituent: Nickel Analysis Run 6/18/2025 4:20 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 55.88% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

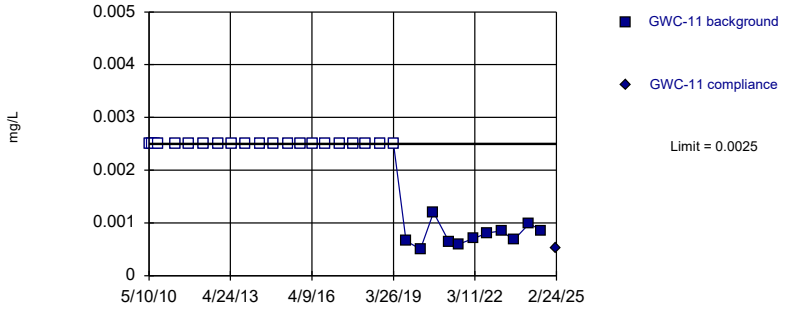
Constituent: Nickel Analysis Run 6/18/2025 4:20 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 65.63% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

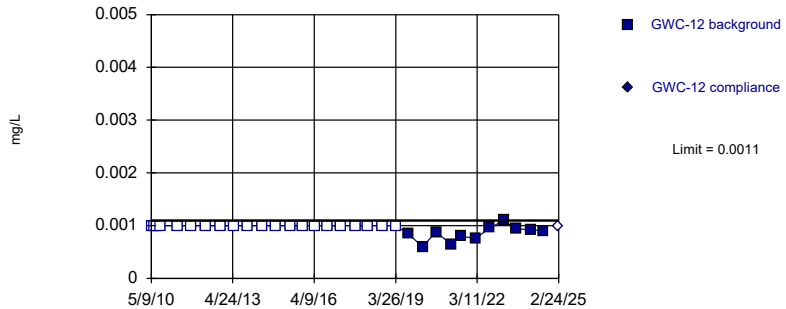
Constituent: Nickel Analysis Run 6/18/2025 4:20 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 65.63% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

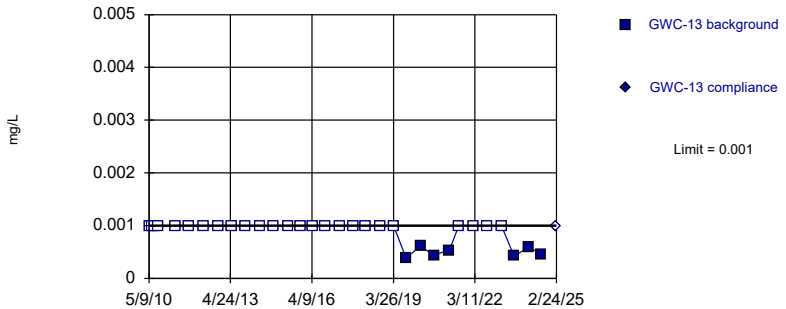
Constituent: Nickel Analysis Run 6/18/2025 4:20 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



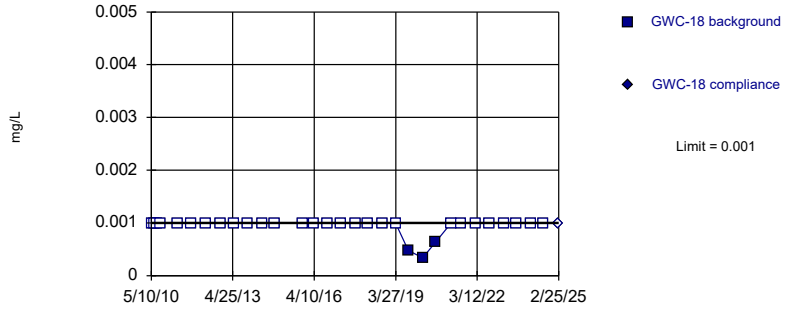
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 78.13% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Nickel Analysis Run 6/18/2025 4:20 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



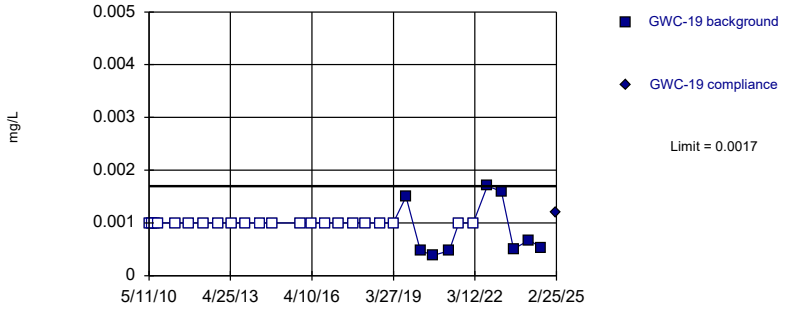
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 90.32% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

Constituent: Nickel Analysis Run 6/18/2025 4:20 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



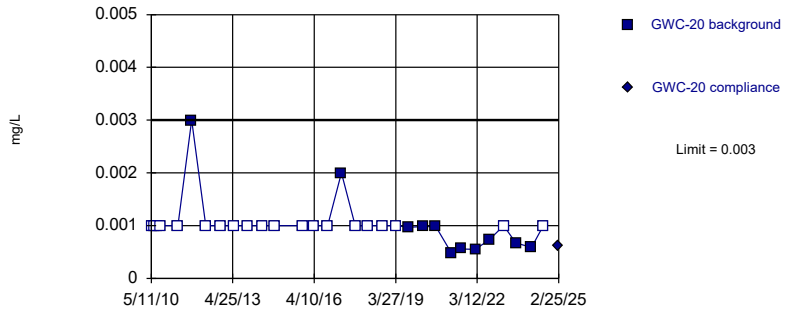
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 70.97% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

Constituent: Nickel Analysis Run 6/18/2025 4:20 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



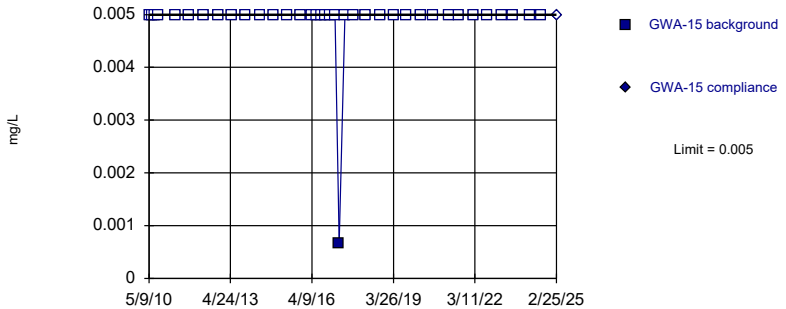
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 64.52% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

Constituent: Nickel Analysis Run 6/18/2025 4:20 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 97.3% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

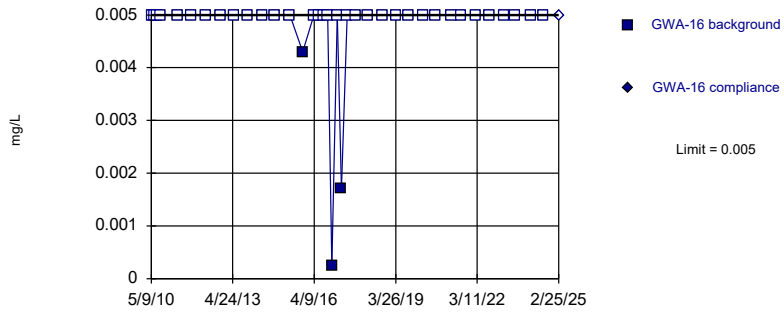
Constituent: Selenium Analysis Run 6/18/2025 4:20 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 91.89% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Selenium Analysis Run 6/18/2025 4:20 PM View: Appendix I - Intrawell

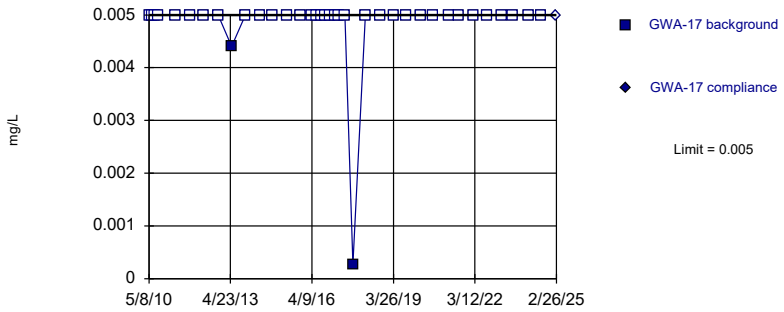
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 94.59% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Selenium Analysis Run 6/18/2025 4:20 PM View: Appendix I - Intrawell

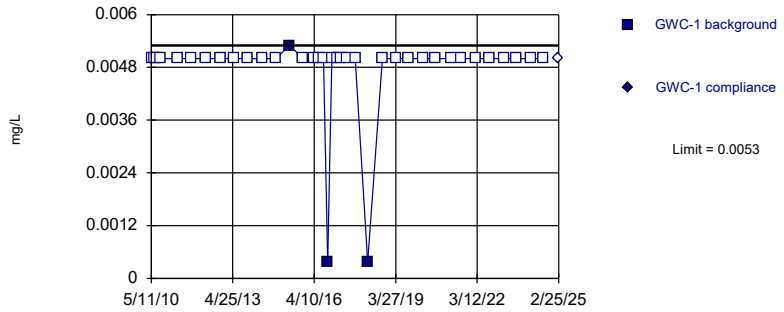
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 91.89% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Selenium Analysis Run 6/18/2025 4:20 PM View: Appendix I - Intrawell

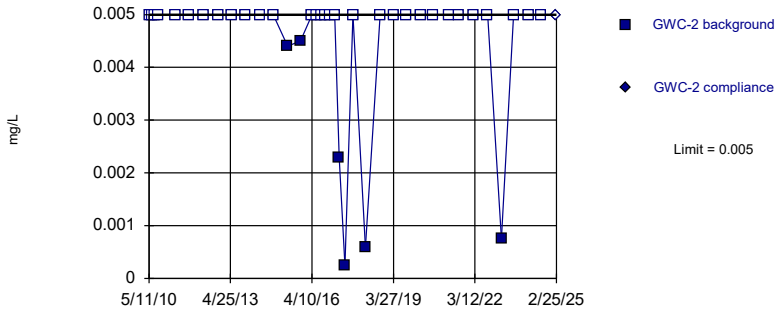
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 83.78% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Selenium Analysis Run 6/18/2025 4:20 PM View: Appendix I - Intrawell

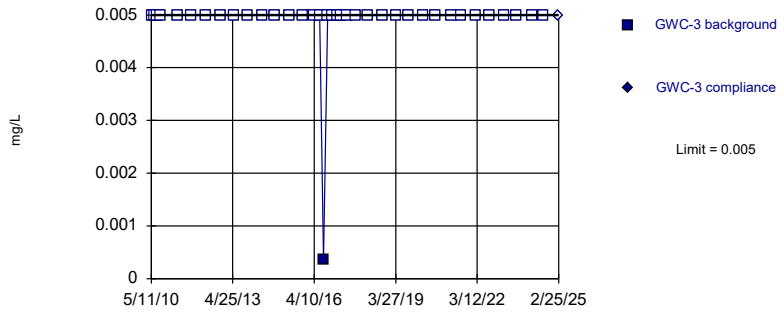
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 97.3% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

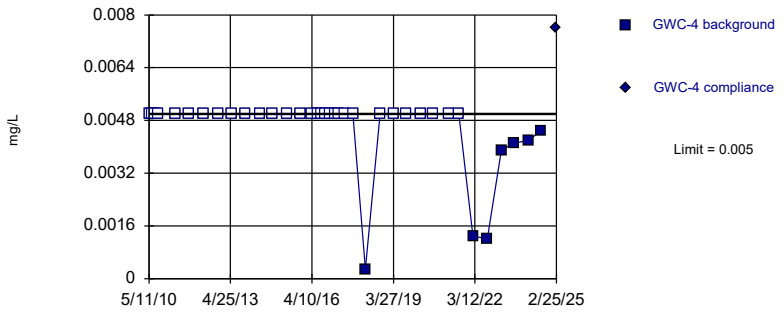
Constituent: Selenium Analysis Run 6/18/2025 4:20 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Exceeds Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 81.08% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

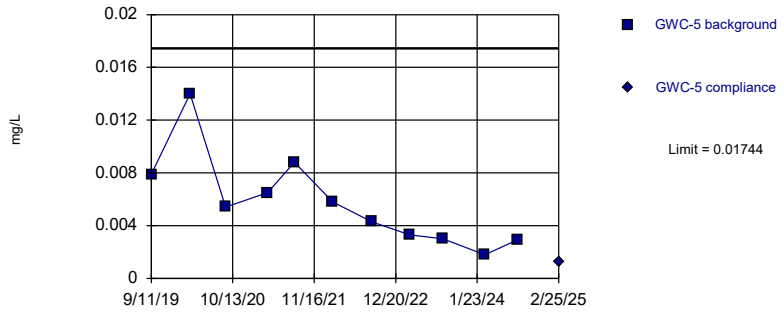
Constituent: Selenium Analysis Run 6/18/2025 4:20 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.005791, Std. Dev.=0.003494, n=11. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.8961, critical = 0.85. Kappa = 3.335 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

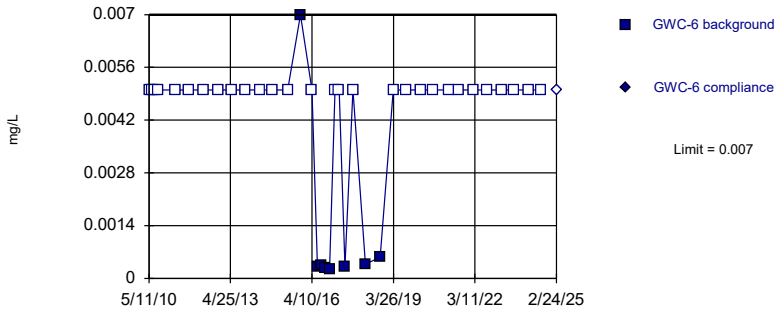
Constituent: Selenium Analysis Run 6/18/2025 4:20 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 78.38% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

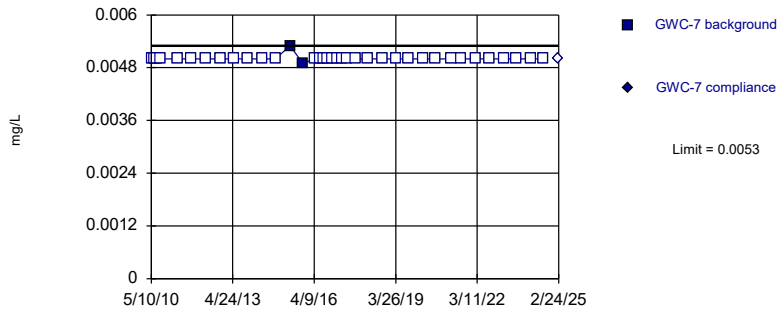
Constituent: Selenium Analysis Run 6/18/2025 4:20 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
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Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 94.59% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Selenium Analysis Run 6/18/2025 4:20 PM View: Appendix I - Intrawell

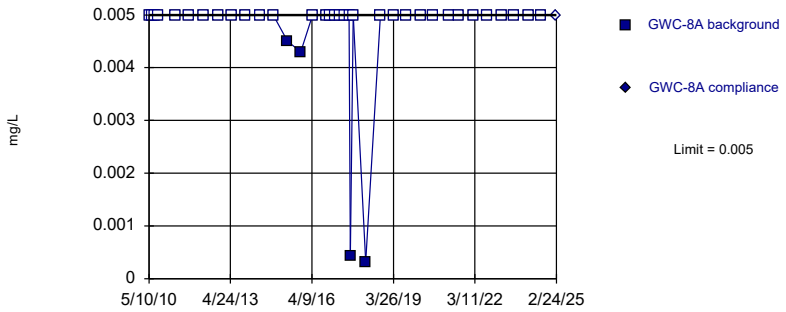
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 89.19% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Selenium Analysis Run 6/18/2025 4:20 PM View: Appendix I - Intrawell

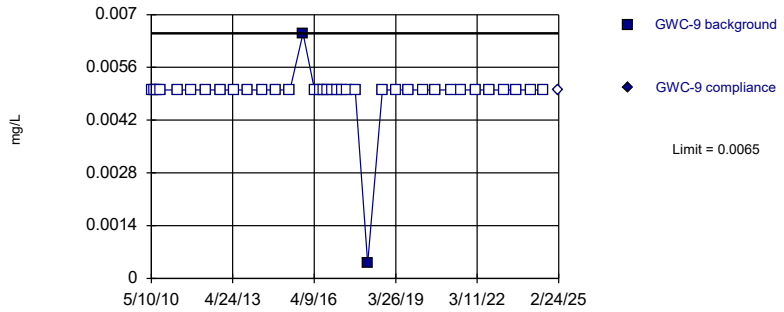
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 94.59% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Selenium Analysis Run 6/18/2025 4:20 PM View: Appendix I - Intrawell

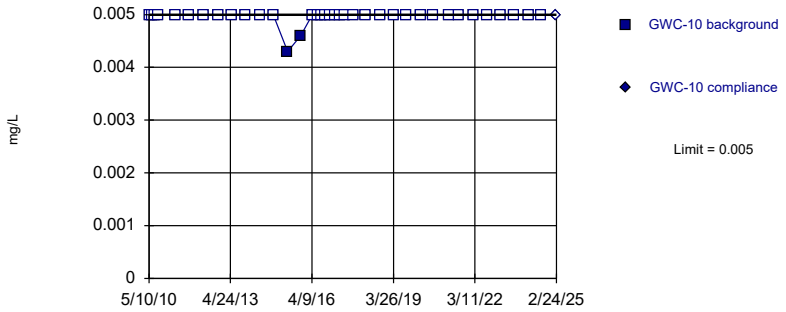
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 94.59% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

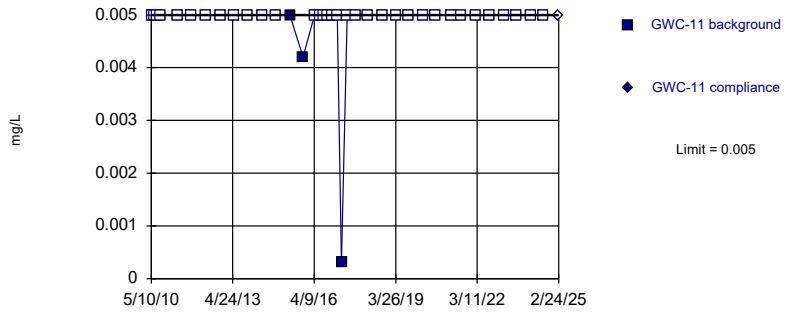
Constituent: Selenium Analysis Run 6/18/2025 4:20 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



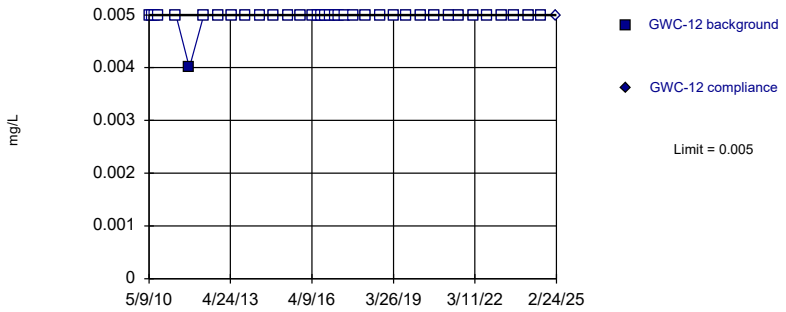
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Constituent: Selenium Analysis Run 6/18/2025 4:20 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



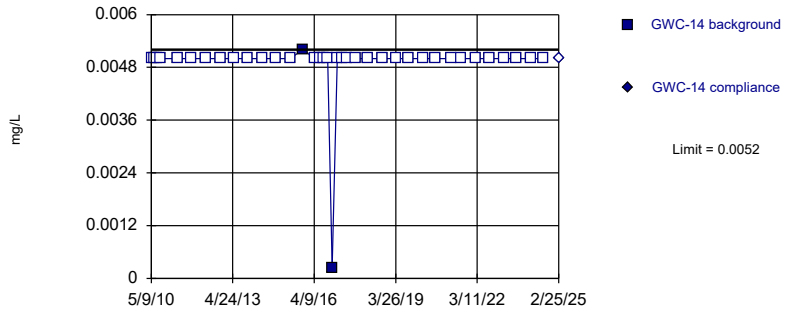
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 97.3% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Selenium Analysis Run 6/18/2025 4:20 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



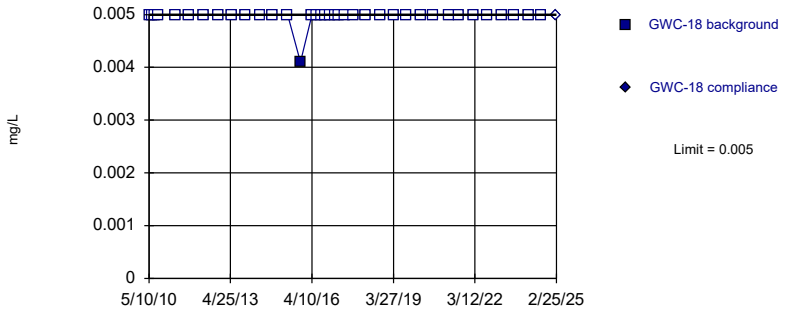
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 94.59% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Selenium Analysis Run 6/18/2025 4:20 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



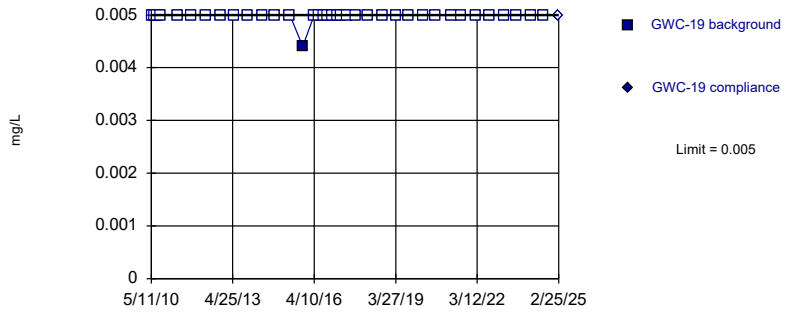
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 97.3% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Selenium Analysis Run 6/18/2025 4:21 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



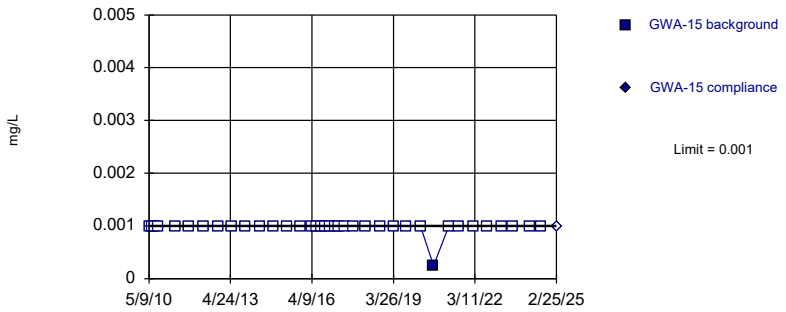
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Constituent: Selenium Analysis Run 6/18/2025 4:21 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Within Limit

Prediction Limit

Intrawell Non-parametric



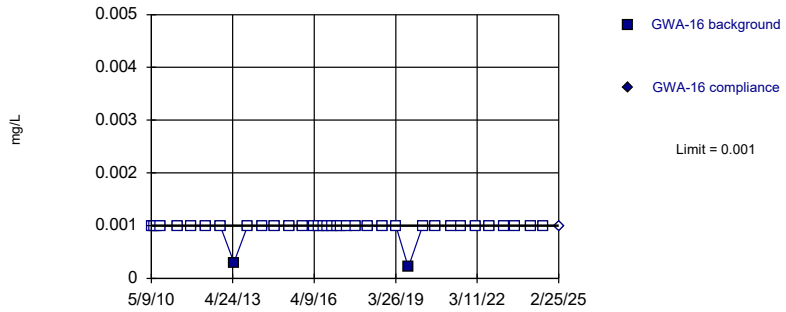
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 97.3% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Thallium Analysis Run 6/18/2025 4:21 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Within Limit

Prediction Limit

Intrawell Non-parametric



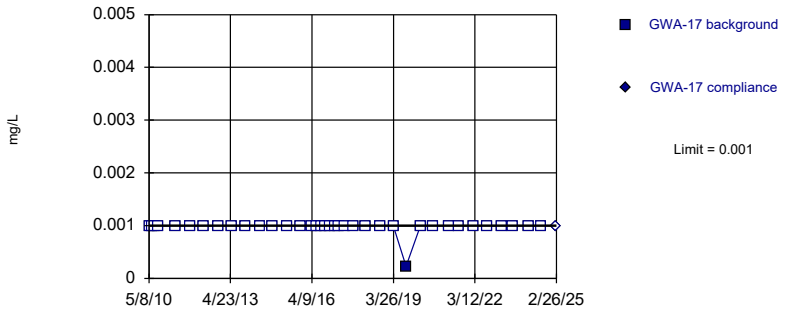
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 94.59% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Prediction Limit

Intrawell Non-parametric



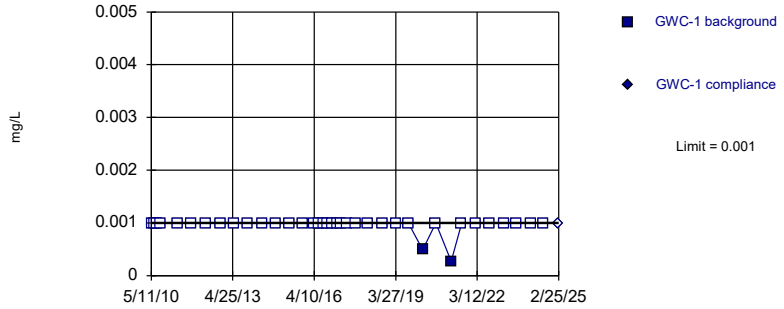
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 97.3% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Prediction Limit

Intrawell Non-parametric



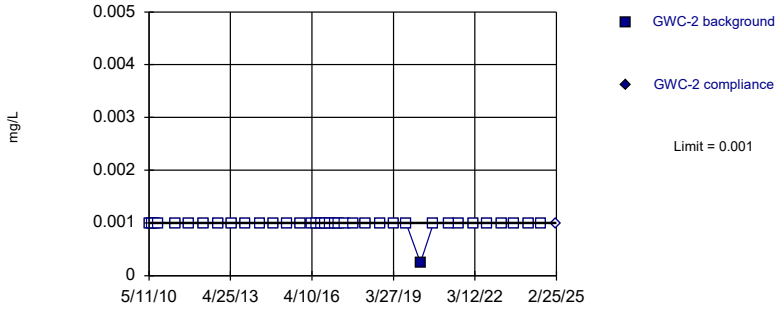
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 94.59% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

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Within Limit

Prediction Limit

Intrawell Non-parametric



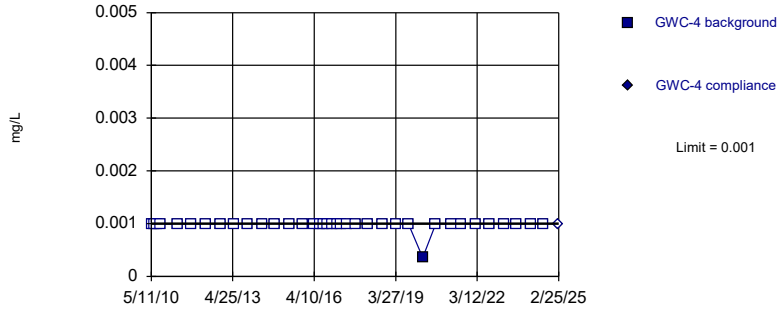
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 97.3% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

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Within Limit

Prediction Limit

Intrawell Non-parametric



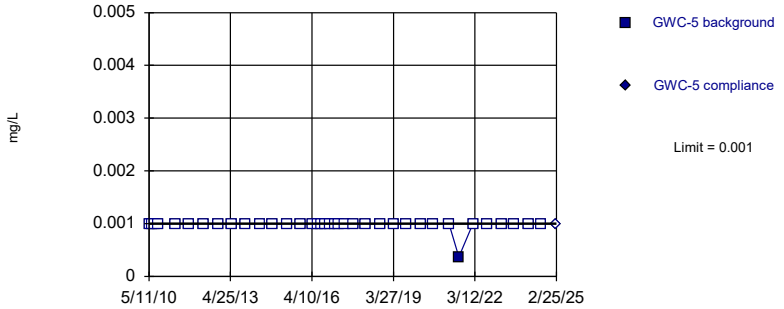
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Constituent: Thallium Analysis Run 6/18/2025 4:21 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



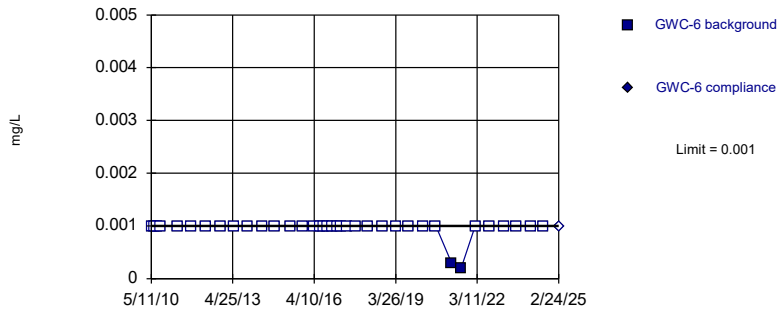
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Within Limit

Prediction Limit

Intrawell Non-parametric



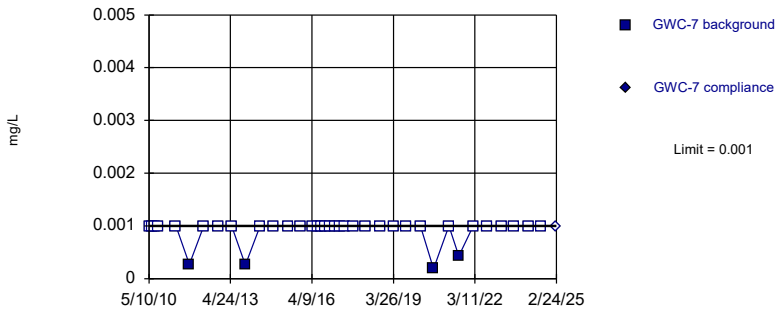
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Constituent: Thallium Analysis Run 6/18/2025 4:21 PM View: Appendix I - Intrawell
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Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



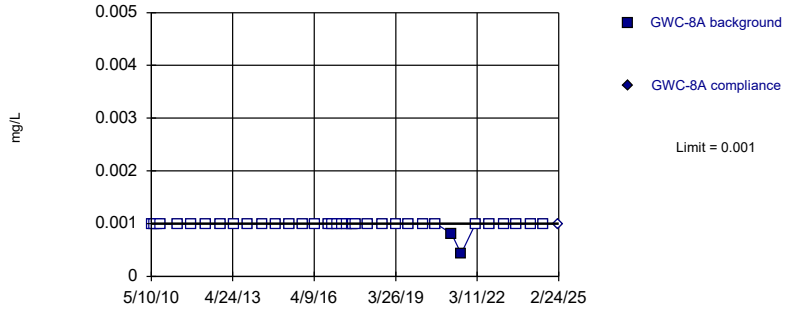
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 89.19% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Thallium Analysis Run 6/18/2025 4:21 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



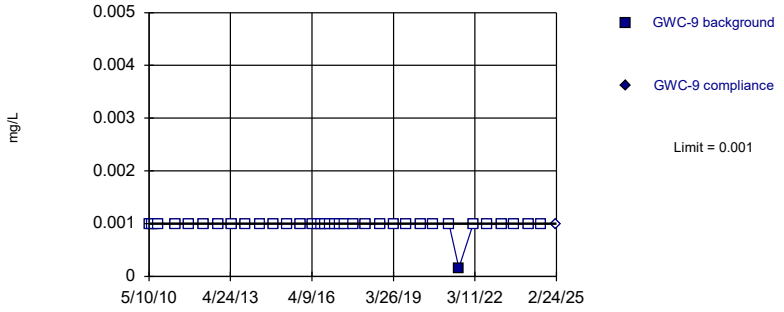
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 94.59% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Thallium Analysis Run 6/18/2025 4:21 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



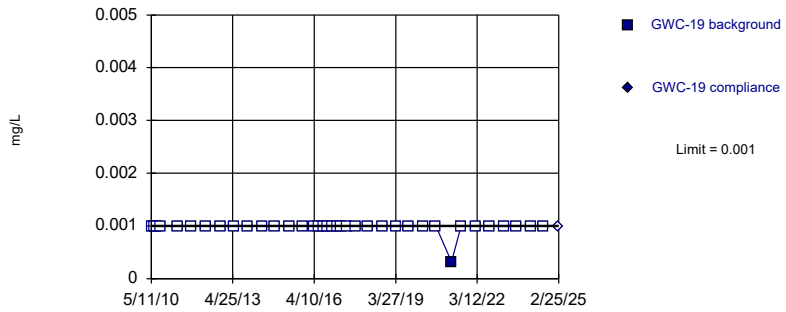
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 97.3% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Thallium Analysis Run 6/18/2025 4:21 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



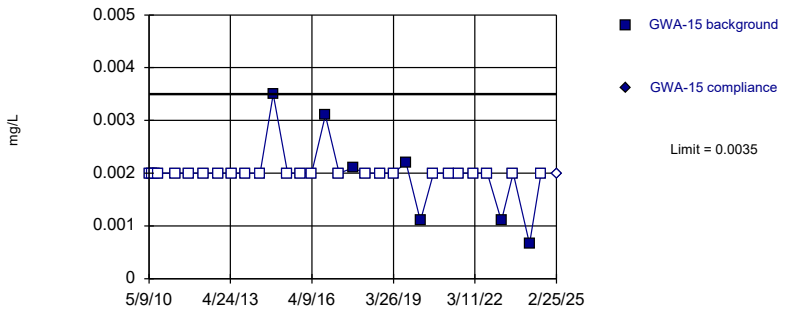
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 97.3% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Thallium Analysis Run 6/18/2025 4:21 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



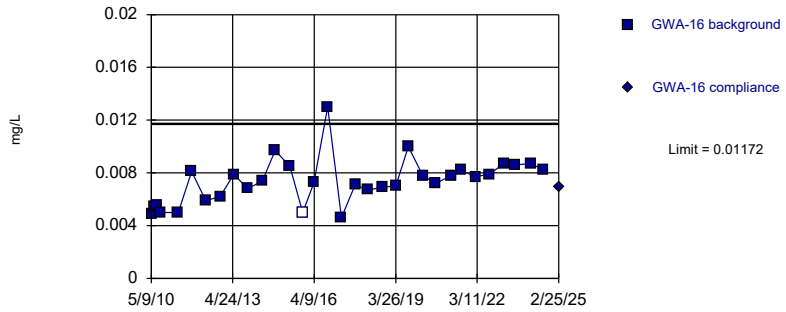
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 78.13% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Vanadium Analysis Run 6/18/2025 4:21 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Parametric



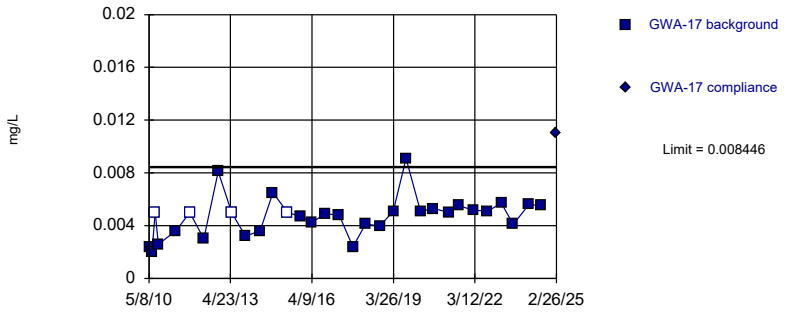
Background Data Summary: Mean=0.007333, Std. Dev.=0.00176, n=32, 3.125% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9327, critical = 0.904. Kappa = 2.49 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Vanadium Analysis Run 6/18/2025 4:21 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.004701, Std. Dev.=0.001504, n=32, 12.5% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9213, critical = 0.904. Kappa = 2.49 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

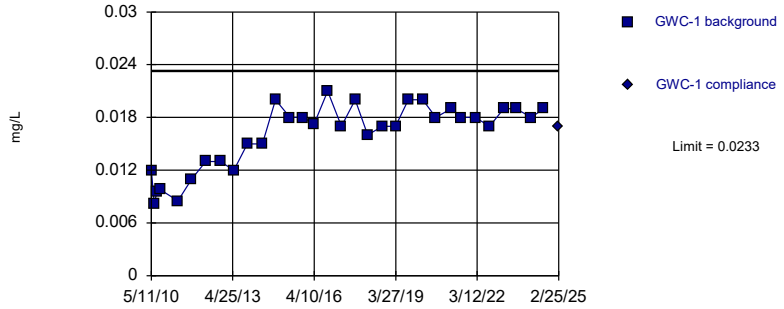
Constituent: Vanadium Analysis Run 6/18/2025 4:21 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square transformation): Mean=0.0002708, Std. Dev.=0.0001093, n=32. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.915, critical = 0.904. Kappa = 2.49 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Vanadium Analysis Run 6/18/2025 4:21 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

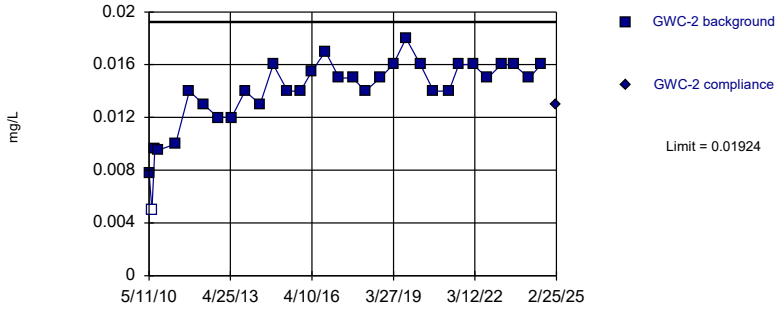
Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square transformation): Mean=0.0001998, Std. Dev.=0.00006842, n=32, 3.125% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9222, critical = 0.904. Kappa = 2.49 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Vanadium Analysis Run 6/18/2025 4:21 PM View: Appendix I - Intrawell

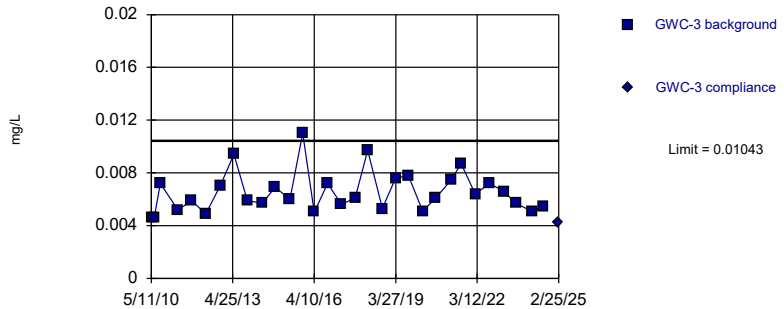
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.00653, Std. Dev.=0.001561, n=31. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9025, critical = 0.902. Kappa = 2.5 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Vanadium Analysis Run 6/18/2025 4:21 PM View: Appendix I - Intrawell

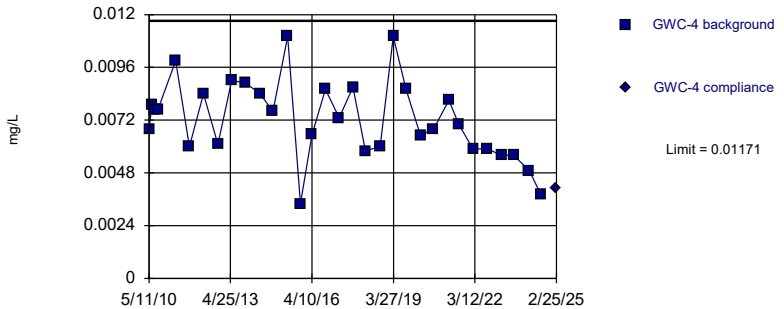
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.007233, Std. Dev.=0.0018, n=32. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.975, critical = 0.904. Kappa = 2.49 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Vanadium Analysis Run 6/18/2025 4:21 PM View: Appendix I - Intrawell

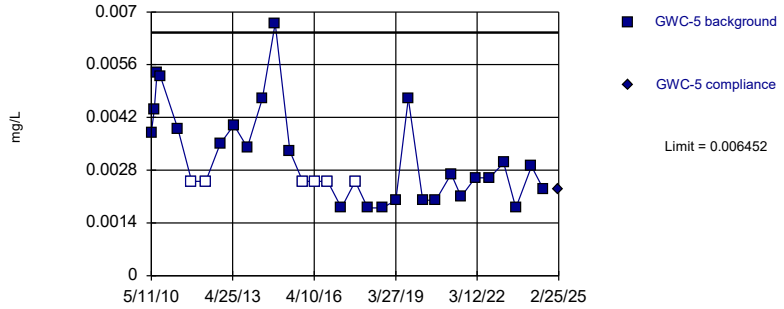
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation) (after Kaplan-Meier Adjustment): Mean=0.05266, Std. Dev.=0.01111, n=32, 18.75% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9117, critical = 0.904. Kappa = 2.49 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Vanadium Analysis Run 6/18/2025 4:21 PM View: Appendix I - Intrawell

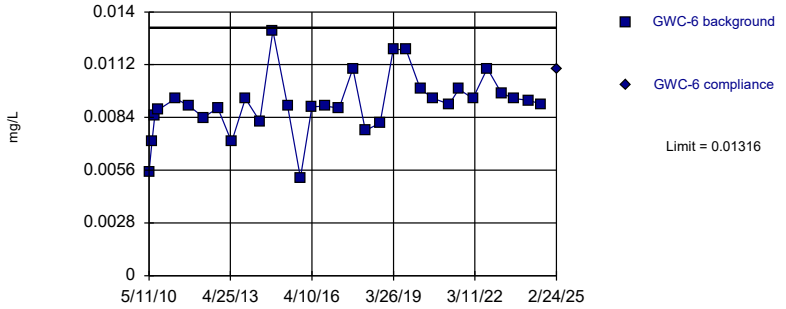
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.009105, Std. Dev.=0.00163, n=32. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9353, critical = 0.904. Kappa = 2.49 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Vanadium Analysis Run 6/18/2025 4:21 PM View: Appendix I - Intrawell

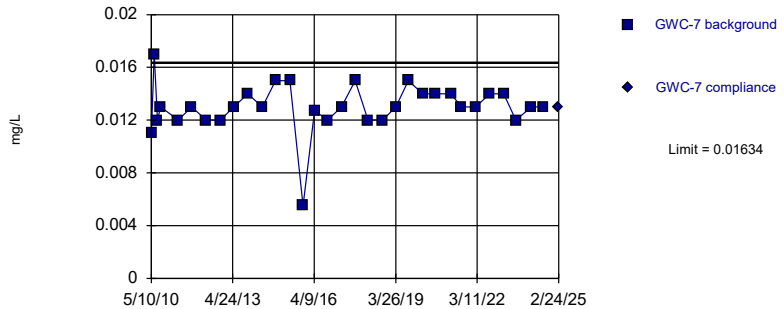
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on cube transformation): Mean=0.000002319, Std. Dev.=8.2e-7, n=32. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9058, critical = 0.904. Kappa = 2.49 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Vanadium Analysis Run 6/18/2025 4:21 PM View: Appendix I - Intrawell

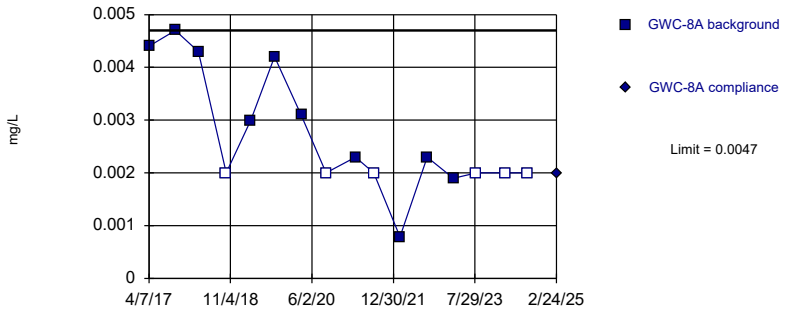
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.05 alpha level. Limit is highest of 16 background values. 37.5% NDs. Well-constituent pair annual alpha = 0.01287. Individual comparison alpha = 0.006456 (1 of 2).

Constituent: Vanadium Analysis Run 6/18/2025 4:21 PM View: Appendix I - Intrawell

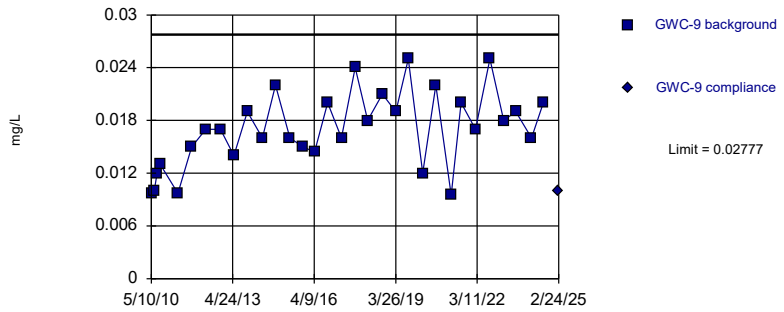
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.01692, Std. Dev.=0.00436, n=32. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9629, critical = 0.904. Kappa = 2.49 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Vanadium Analysis Run 6/18/2025 4:21 PM View: Appendix I - Intrawell

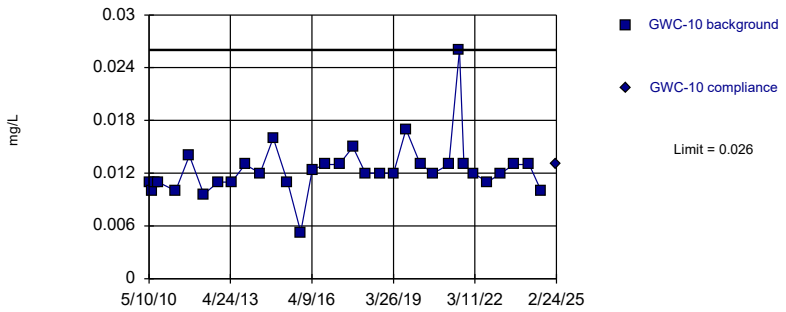
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 33 background values. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

Constituent: Vanadium Analysis Run 6/18/2025 4:21 PM View: Appendix I - Intrawell

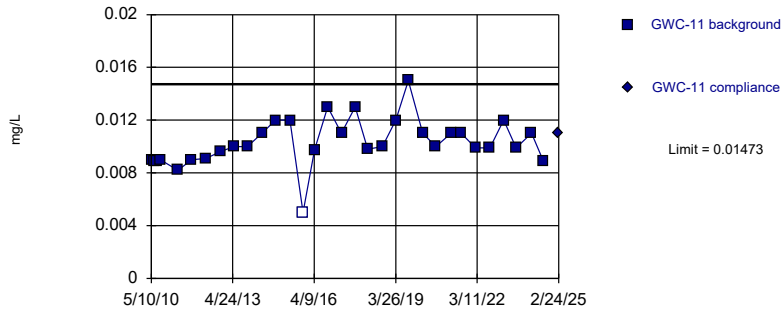
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.01031, Std. Dev.=0.001777, n=32, 3.125% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9383, critical = 0.904. Kappa = 2.49 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

Constituent: Vanadium Analysis Run 6/18/2025 4:21 PM View: Appendix I - Intrawell

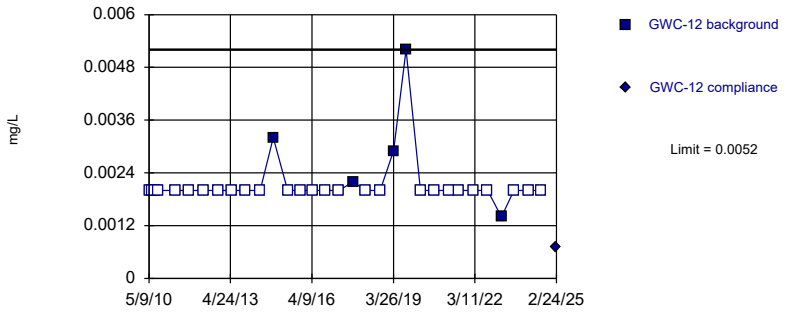
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 84.38% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Vanadium Analysis Run 6/18/2025 4:21 PM View: Appendix I - Intrawell

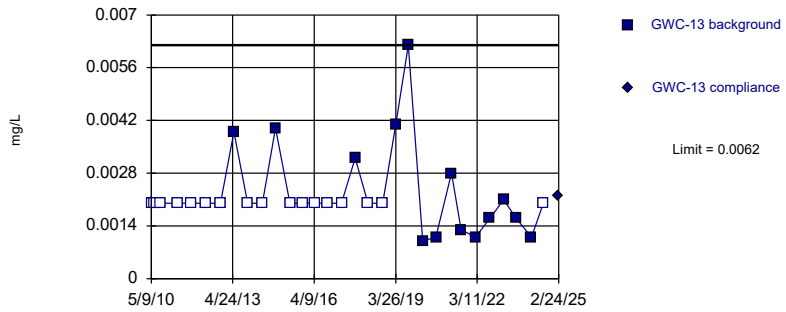
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 56.25% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

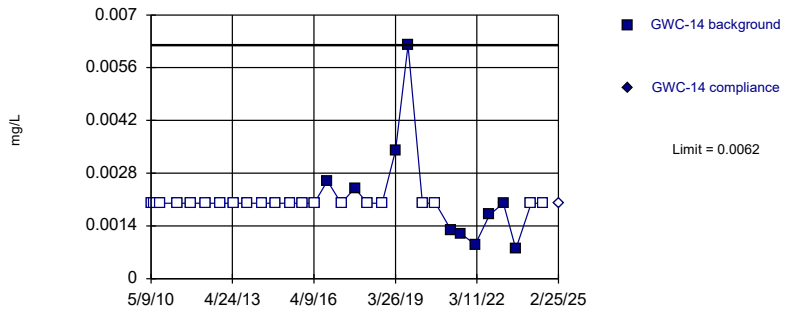
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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 68.75% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

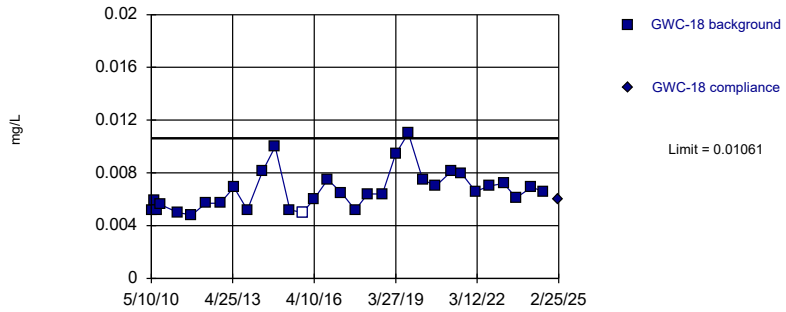
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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=0.08111, Std. Dev.=0.0088, n=32, 3.125% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9249, critical = 0.904. Kappa = 2.49 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

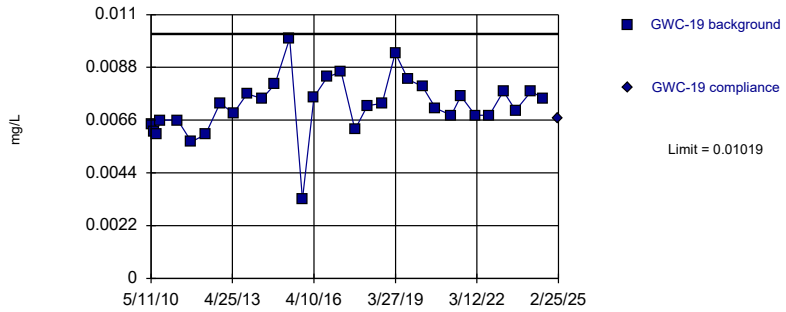
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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.007199, Std. Dev.=0.001201, n=32. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.95, critical = 0.904. Kappa = 2.49 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

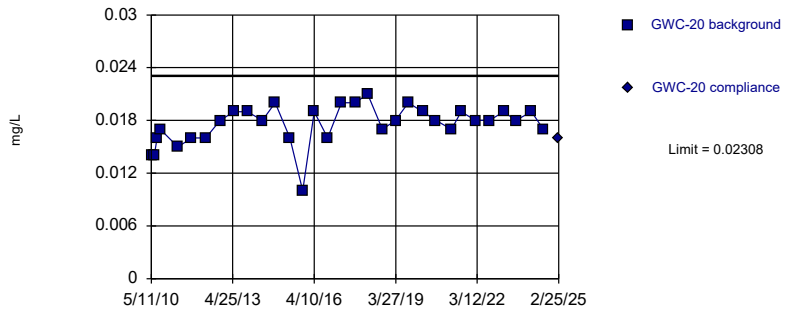
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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.01753, Std. Dev.=0.002229, n=32. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.904, critical = 0.904. Kappa = 2.49 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

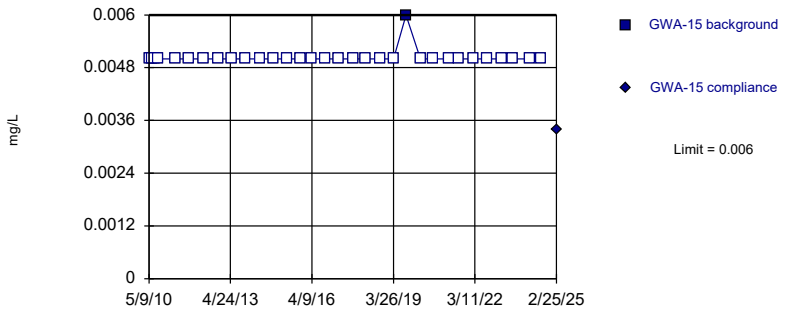
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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 96.88% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

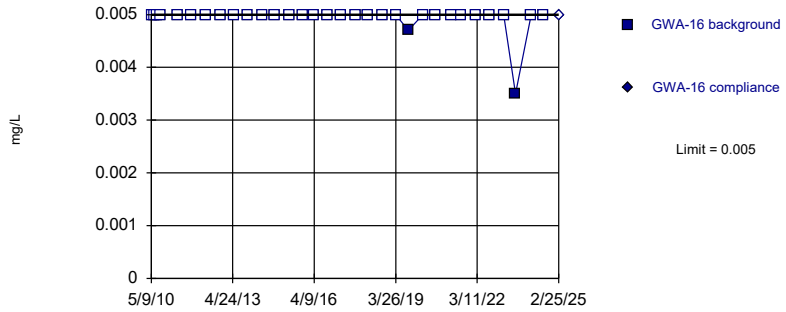
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Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

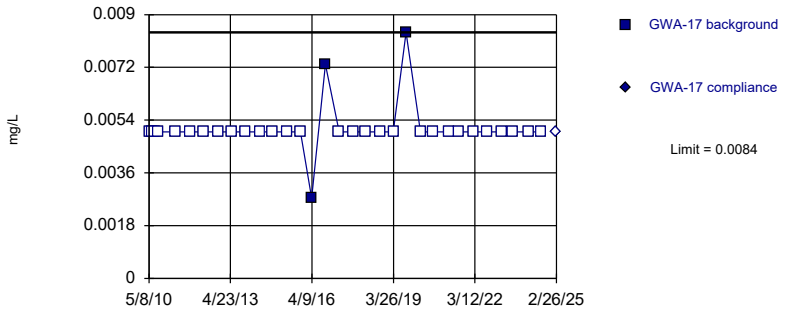
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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 90.63% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

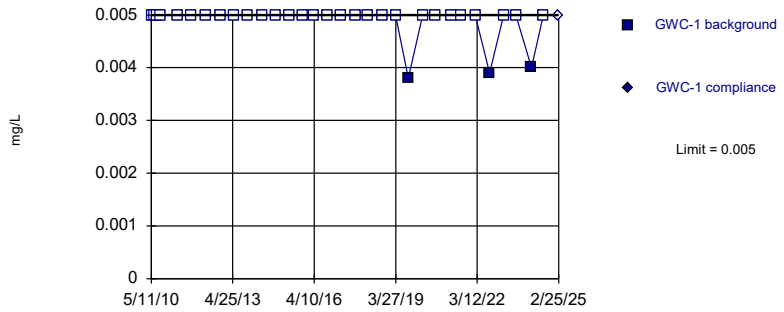
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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 90.63% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Zinc Analysis Run 6/18/2025 4:21 PM View: Appendix I - Intrawell

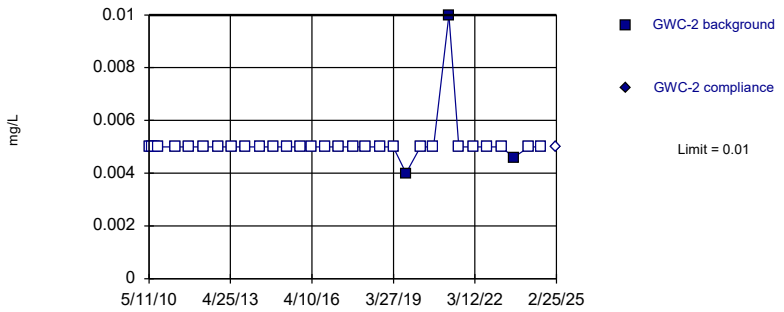
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 90.63% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Zinc Analysis Run 6/18/2025 4:21 PM View: Appendix I - Intrawell

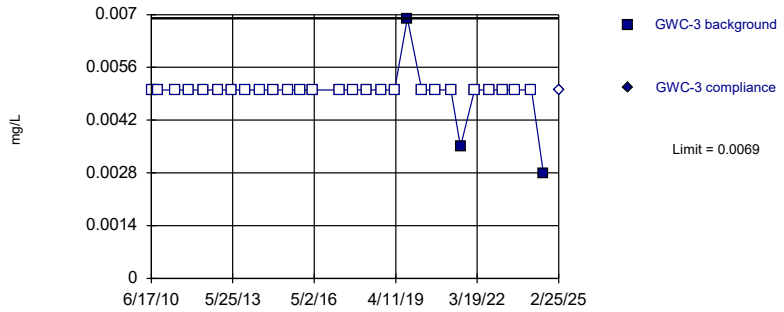
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 89.66% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

Constituent: Zinc Analysis Run 6/18/2025 4:21 PM View: Appendix I - Intrawell

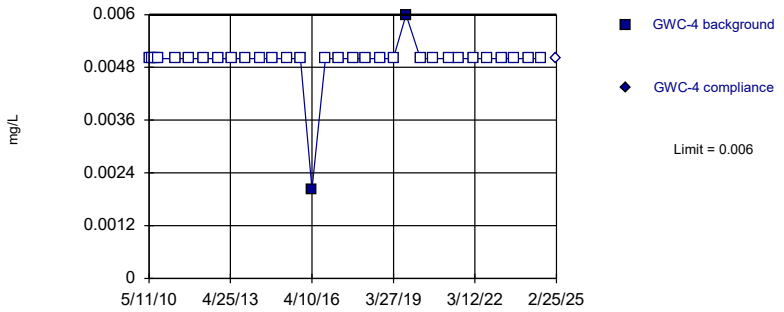
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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Zinc Analysis Run 6/18/2025 4:21 PM View: Appendix I - Intrawell

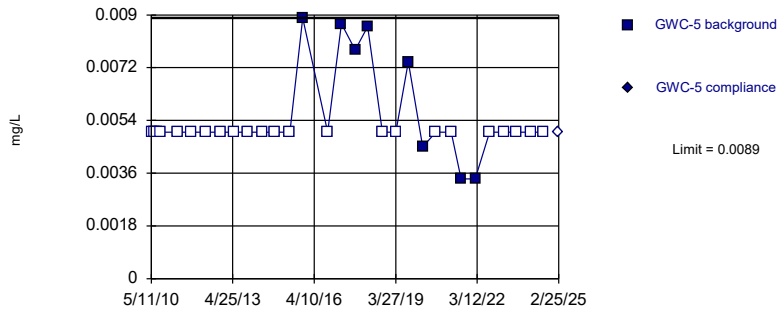
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 74.19% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

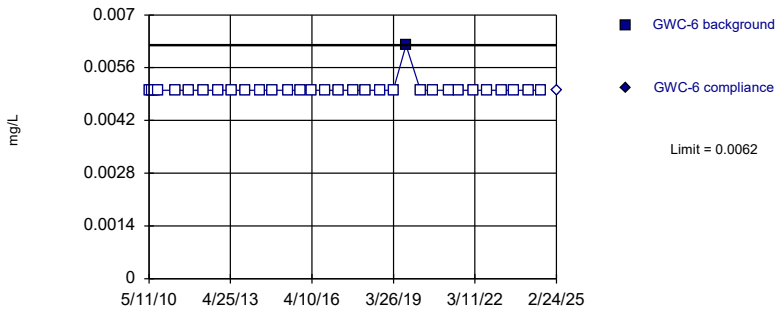
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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 96.88% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

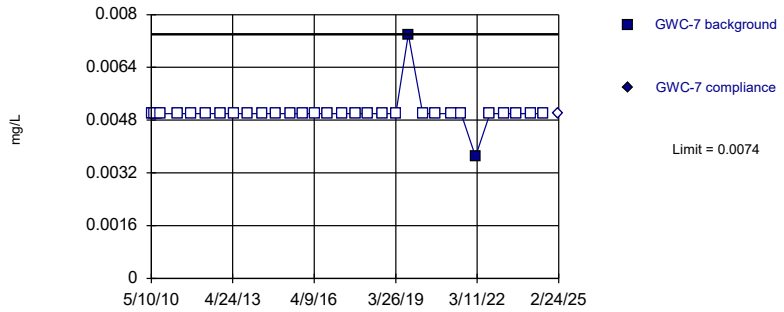
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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

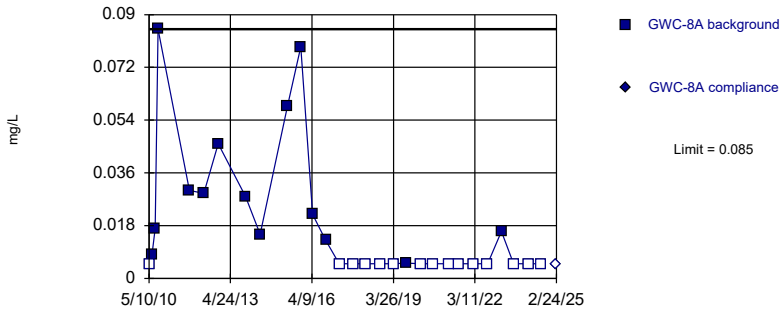
Constituent: Zinc Analysis Run 6/18/2025 4:21 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 29 background values. 51.72% NDs. Well-constituent pair annual alpha = 0.00434. Individual comparison alpha = 0.002172 (1 of 2).

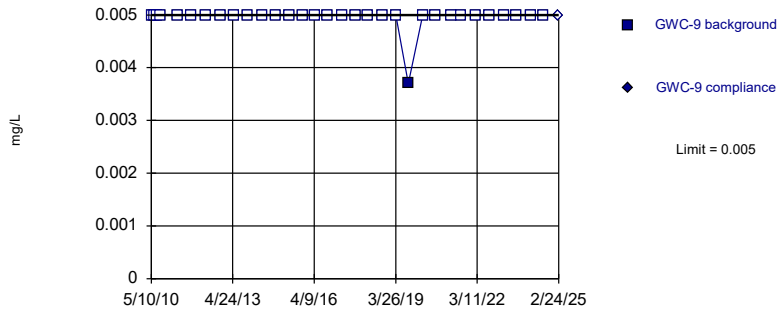
Constituent: Zinc Analysis Run 6/18/2025 4:21 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 96.88% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

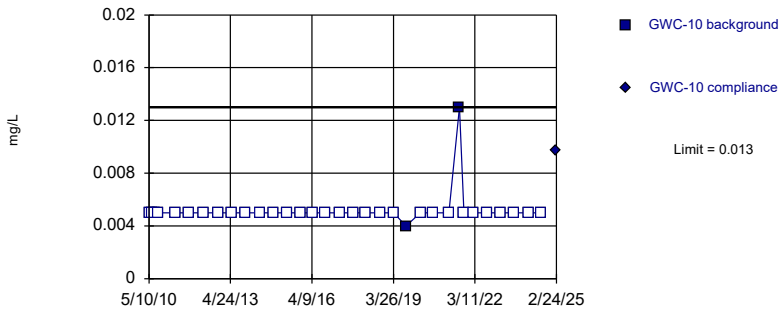
Constituent: Zinc Analysis Run 6/18/2025 4:22 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 93.94% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

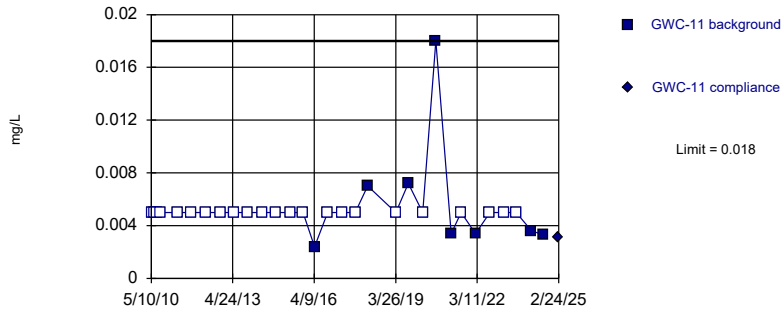
Constituent: Zinc Analysis Run 6/18/2025 4:22 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 74.19% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

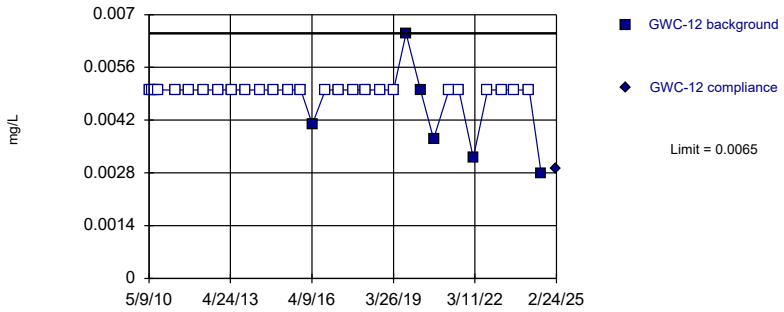
Constituent: Zinc Analysis Run 6/18/2025 4:22 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 81.25% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

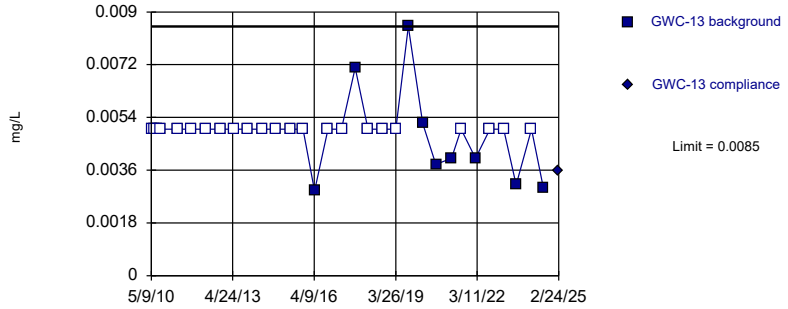
Constituent: Zinc Analysis Run 6/18/2025 4:22 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 71.88% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

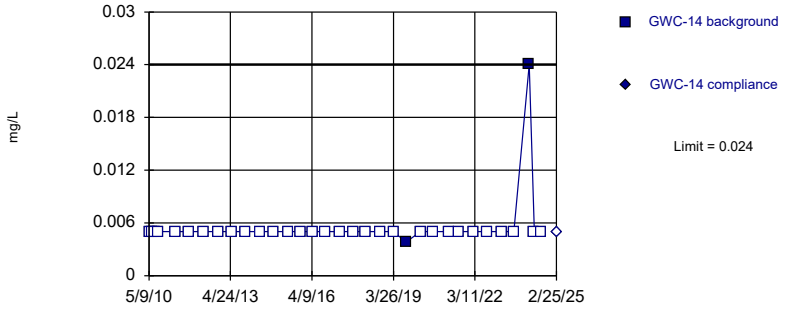
Constituent: Zinc Analysis Run 6/18/2025 4:22 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 33 background values. 93.94% NDs. Well-constituent pair annual alpha = 0.003399. Individual comparison alpha = 0.001701 (1 of 2).

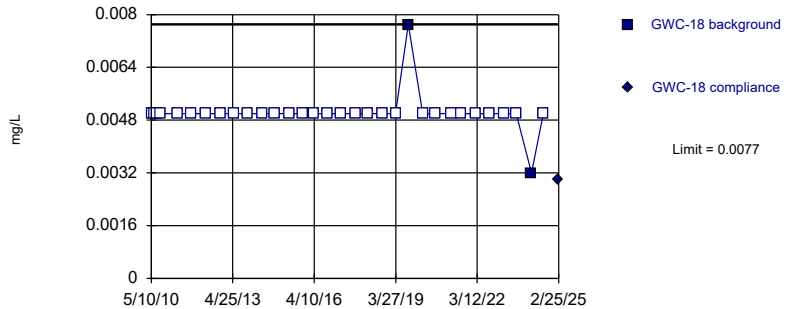
Constituent: Zinc Analysis Run 6/18/2025 4:22 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

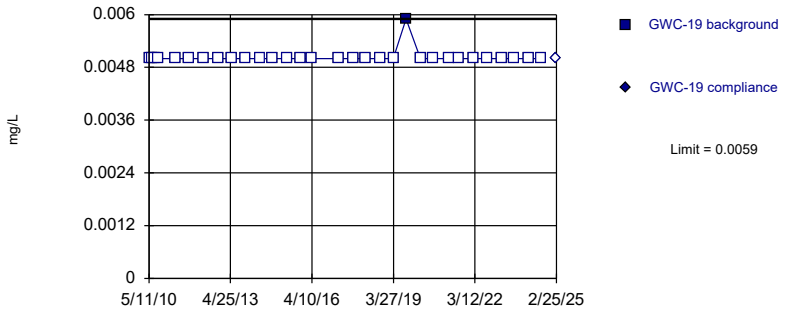
Constituent: Zinc Analysis Run 6/18/2025 4:22 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 96.77% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

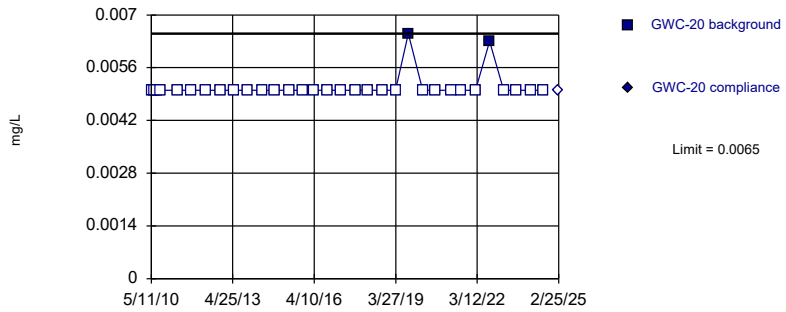
Constituent: Zinc Analysis Run 6/18/2025 4:22 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 32 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.003603. Individual comparison alpha = 0.001803 (1 of 2).

Constituent: Zinc Analysis Run 6/18/2025 4:22 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-16	GWA-16
5/9/2010	<0.002	
6/16/2010	<0.002	
7/27/2010	<0.002	
9/7/2010	<0.002	
4/29/2011	<0.002	
10/28/2011	<0.002	
5/2/2012	<0.002	
11/9/2012	<0.002	
5/8/2013	<0.002	
11/6/2013	<0.002	
5/20/2014	<0.002	
11/8/2014	<0.002	
5/22/2015	<0.002	
11/9/2015	<0.002	
4/6/2016	<0.002	
6/15/2016	<0.002	
8/10/2016	<0.002	
10/4/2016	<0.002	
11/29/2016	<0.002	
2/7/2017	0.001 (J)	
4/4/2017	<0.002	
6/20/2017	<0.002	
10/5/2017	<0.002	
3/20/2018	<0.002	
10/2/2018	<0.002	
3/26/2019	<0.002	
9/10/2019	<0.002	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/1/2021	<0.002	
8/11/2021	<0.002	
2/15/2022	<0.002	
8/25/2022	<0.002	
2/28/2023	<0.002	
8/3/2023	<0.002	
2/28/2024	<0.002	
8/6/2024	<0.002	
2/25/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-2	GWC-2
5/11/2010	<0.002	
6/19/2010	<0.002	
7/27/2010	<0.002	
9/9/2010	<0.002	
4/28/2011	<0.002	
10/28/2011	<0.002	
5/3/2012	<0.002	
11/9/2012	<0.002	
5/9/2013	<0.002	
11/5/2013	<0.002	
5/22/2014	<0.002	
11/13/2014	<0.002	
5/24/2015	<0.002	
11/11/2015	<0.002	
4/12/2016	<0.002	
6/16/2016	<0.002	
8/11/2016	<0.002	
10/4/2016	<0.002	
11/30/2016	<0.002	
2/7/2017	<0.002	
4/6/2017	<0.002	
6/20/2017	<0.002	
10/4/2017	<0.002	
3/20/2018	<0.002	
10/2/2018	<0.002	
3/26/2019	<0.002	
9/10/2019	0.00042 (J)	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/1/2021	0.0013 (J)	
8/12/2021	<0.002	
2/15/2022	<0.002	
8/26/2022	<0.002	
2/27/2023	<0.002	
8/9/2023	<0.002	
3/1/2024	<0.002	
8/6/2024	<0.002	
2/25/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-3
5/11/2010	<0.002	
6/17/2010	<0.002	
7/28/2010	<0.002	
9/7/2010	<0.002	
4/29/2011	<0.002	
10/28/2011	<0.002	
5/3/2012	<0.002	
11/9/2012	<0.002	
5/10/2013	<0.002	
11/6/2013	<0.002	
5/22/2014	<0.002	
11/9/2014	<0.002	
5/22/2015	<0.002	
11/10/2015	<0.002	
4/12/2016	<0.002	
6/20/2016	0.0002 (J)	
8/12/2016	<0.002	
10/5/2016	<0.002	
11/30/2016	<0.002	
2/8/2017	<0.002	
4/6/2017	<0.002	
6/21/2017	<0.002	
10/5/2017	<0.002	
3/21/2018	<0.002	
10/3/2018	<0.002	
3/26/2019	<0.002	
9/10/2019	<0.002	
3/18/2020	<0.002	
9/10/2020	<0.002	
4/6/2021	<0.002	
8/12/2021	<0.002	
2/15/2022	<0.002	
8/25/2022	<0.002	
2/28/2023	<0.002	
8/9/2023	<0.002	
3/4/2024	0.0013 (J)	
8/7/2024	<0.002	
2/25/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
5/11/2010	<0.002	
6/17/2010	<0.002	
7/28/2010	<0.002	
9/8/2010	<0.002	
4/28/2011	<0.002	
10/29/2011	<0.002	
5/3/2012	<0.002	
11/10/2012	<0.002	
5/10/2013	<0.002	
11/6/2013	<0.002	
5/22/2014	<0.002	
11/9/2014	<0.002	
5/22/2015	<0.002	
11/11/2015	<0.002	
4/12/2016	<0.002	
6/20/2016	<0.002	
8/12/2016	<0.002	
10/6/2016	<0.002	
11/30/2016	<0.002	
2/8/2017	<0.002	
4/6/2017	<0.002	
6/22/2017	<0.002	
10/6/2017	<0.002	
3/21/2018	<0.002	
10/3/2018	<0.002	
3/26/2019	<0.002	
9/10/2019	<0.002	
3/19/2020	<0.002	
9/10/2020	<0.002	
4/2/2021	<0.002	
8/12/2021	<0.002	
2/15/2022	<0.002	
8/25/2022	0.00058 (J)	
2/27/2023	<0.002	
8/8/2023	<0.002	
2/29/2024	<0.002	
8/7/2024	<0.002	
2/25/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-7	GWC-7
5/10/2010	<0.002	
6/18/2010	<0.002	
7/28/2010	<0.002	
9/9/2010	<0.002	
4/30/2011	<0.002	
10/29/2011	<0.002	
5/4/2012	<0.002	
11/10/2012	<0.002	
5/9/2013	<0.002	
11/7/2013	<0.002	
5/21/2014	<0.002	
11/12/2014	<0.002	
5/24/2015	<0.002	
11/11/2015	<0.002	
4/13/2016	<0.002	
6/20/2016	0.0002 (J)	
8/15/2016	<0.002	
10/6/2016	<0.002	
12/1/2016	<0.002	
2/9/2017	<0.002	
4/7/2017	<0.002	
6/22/2017	<0.002	
10/6/2017	<0.002	
3/22/2018	<0.002	
10/4/2018	<0.002	
3/27/2019	<0.002	
9/11/2019	<0.002	
3/19/2020	<0.002	
9/10/2020	<0.002	
4/1/2021	<0.002	
8/11/2021	<0.002	
2/15/2022	<0.002	
8/25/2022	<0.002	
2/27/2023	<0.002	
8/8/2023	<0.002	
2/29/2024	<0.002	
8/6/2024	<0.002	
2/24/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-12	GWC-12
5/9/2010	<0.002	
6/18/2010	<0.002	
7/27/2010	<0.002	
9/8/2010	<0.002	
4/29/2011	<0.002	
10/28/2011	<0.002	
5/3/2012	<0.002	
11/10/2012	<0.002	
5/9/2013	<0.002	
11/6/2013	<0.002	
5/20/2014	<0.002	
11/12/2014	<0.002	
5/23/2015	<0.002	
11/12/2015	<0.002	
4/13/2016	0.000646 (J)	
6/21/2016	<0.002	
8/15/2016	<0.002	
10/5/2016	<0.002	
12/1/2016	<0.002	
2/8/2017	<0.002	
4/5/2017	<0.002	
6/20/2017	<0.002	
10/5/2017	<0.002	
3/21/2018	<0.002	
10/2/2018	<0.002	
3/26/2019	<0.002	
9/11/2019	<0.002	
3/18/2020	<0.002	
9/10/2020	<0.002	
4/1/2021	<0.002	
8/11/2021	<0.002	
2/16/2022	<0.002	
8/26/2022	<0.002	
2/27/2023	<0.002	
8/9/2023	<0.002	
2/29/2024	<0.002	
8/6/2024	<0.002	
2/24/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-13
5/9/2010	<0.002	
6/18/2010	<0.002	
7/29/2010	<0.002	
9/9/2010	<0.002	
4/26/2011	<0.002	
10/28/2011	<0.002	
5/4/2012	<0.002	
11/11/2012	<0.002	
5/8/2013	<0.002	
11/7/2013	<0.002	
5/20/2014	<0.002	
11/12/2014	<0.002	
5/24/2015	<0.002	
11/12/2015	<0.002	
4/13/2016	<0.002	
6/21/2016	0.0003 (J)	
8/15/2016	<0.002	
10/7/2016	<0.002	
12/1/2016	<0.002	
2/9/2017	<0.002	
4/6/2017	<0.002	
6/22/2017	<0.002	
10/6/2017	<0.002	
3/22/2018	<0.002	
10/3/2018	<0.002	
3/26/2019	<0.002	
9/11/2019	<0.002	
3/18/2020	<0.002	
9/10/2020	<0.002	
4/6/2021	<0.002	
8/11/2021	<0.002	
2/16/2022	<0.002	
8/26/2022	<0.002	
2/27/2023	<0.002	
8/9/2023	<0.002	
3/1/2024	<0.002	
8/6/2024	<0.002	
2/24/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-18	GWC-18
5/10/2010	<0.002	
6/16/2010	<0.002	
7/26/2010	<0.002	
9/7/2010	<0.002	
4/29/2011	<0.002	
10/28/2011	<0.002	
5/2/2012	<0.002	
11/9/2012	<0.002	
5/8/2013	<0.002	
11/6/2013	<0.002	
5/23/2014	<0.002	
11/8/2014	<0.002	
5/22/2015	<0.002	
11/10/2015	<0.002	
4/11/2016	<0.002	
6/16/2016	0.00018 (J)	
8/11/2016	<0.002	
10/5/2016	<0.002	
11/29/2016	<0.002	
2/8/2017	<0.002	
4/6/2017	<0.002	
6/21/2017	<0.002	
10/5/2017	<0.002	
3/20/2018	<0.002	
10/2/2018	<0.002	
3/26/2019	<0.002	
9/11/2019	0.00039 (J)	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/1/2021	<0.002	
8/11/2021	<0.002	
2/16/2022	<0.002	
8/25/2022	<0.002	
2/28/2023	<0.002	
8/9/2023	<0.002	
2/29/2024	<0.002	
8/6/2024	<0.002	
2/25/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-19	GWC-19
5/11/2010	<0.002	
6/16/2010	<0.002	
7/27/2010	<0.002	
9/7/2010	<0.002	
4/29/2011	<0.002	
10/28/2011	<0.002	
5/2/2012	<0.002	
11/9/2012	<0.002	
5/9/2013	<0.002	
11/6/2013	<0.002	
5/22/2014	<0.002	
11/8/2014	<0.002	
5/22/2015	<0.002	
11/10/2015	<0.002	
4/11/2016	<0.002	
6/16/2016	0.00014 (J)	
8/11/2016	<0.002	
10/5/2016	<0.002	
11/29/2016	<0.002	
2/8/2017	<0.002	
4/5/2017	<0.002	
6/21/2017	<0.002	
10/5/2017	<0.002	
3/20/2018	<0.002	
10/2/2018	<0.002	
3/26/2019	<0.002	
9/12/2019	<0.002	
3/19/2020	<0.002	
9/9/2020	<0.002	
4/5/2021	<0.002	
8/11/2021	<0.002	
2/16/2022	<0.002	
8/25/2022	<0.002	
2/28/2023	<0.002	
8/8/2023	<0.002	
2/29/2024	<0.002	
8/6/2024	<0.002	
2/25/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15	GWA-15
5/9/2010	0.01 (J)	
6/18/2010	0.01 (J)	
7/28/2010	0.011 (J)	
9/9/2010	0.011 (J)	
4/30/2011	0.0091 (J)	
10/28/2011	0.0096 (J)	
5/2/2012	0.012	
11/9/2012	0.012	
5/8/2013	0.01	
11/5/2013	0.0098 (J)	
5/20/2014	0.0081 (J)	
11/12/2014	0.0098 (J)	
5/22/2015	0.0088 (J)	
11/11/2015	0.011	
4/6/2016	0.00959 (J)	
6/15/2016	0.0091 (J)	
8/10/2016	0.009	
10/4/2016	0.0092	
11/30/2016	0.011	
2/7/2017	0.0099	
4/4/2017	0.0092	
6/20/2017	0.0099	
10/4/2017	0.0098	
3/20/2018	0.01	
10/2/2018	0.0099	
3/26/2019	0.0099	
9/10/2019	0.011	
3/18/2020	0.01	
9/9/2020	0.01	
4/1/2021	0.0092 (J)	
8/11/2021	0.01	
2/15/2022	0.012	
8/25/2022	0.012	
2/28/2023	0.01	
8/3/2023	0.01	
3/4/2024	0.01	
8/6/2024	0.01	
2/25/2025		0.013

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-16	GWA-16
5/9/2010	0.031 (J)	
6/16/2010	0.029 (J)	
7/27/2010	0.029 (J)	
9/7/2010	0.028 (J)	
4/29/2011	0.026 (J)	
10/28/2011	0.025	
5/2/2012	0.025	
11/9/2012	0.028	
5/8/2013	0.029	
11/6/2013	0.026	
5/20/2014	0.025	
11/8/2014	0.026	
5/22/2015	0.026	
11/9/2015	0.024	
4/6/2016	0.026	
6/15/2016	0.023	
8/10/2016	0.022	
10/4/2016	0.024	
11/29/2016	0.023	
2/7/2017	0.024	
4/4/2017	0.022	
6/20/2017	0.025	
10/5/2017	0.023	
3/20/2018	0.023	
10/2/2018	0.023	
3/26/2019	0.024	
9/10/2019	0.039	
3/18/2020	0.027	
9/9/2020	0.024	
4/1/2021	0.024	
8/11/2021	0.023	
2/15/2022	0.024	
8/25/2022	0.025	
2/28/2023	0.025	
8/3/2023	0.026	
2/28/2024	0.03	
8/6/2024	0.031	
2/25/2025		0.028

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17	GWA-17
5/8/2010	0.048 (J)	
6/16/2010	0.044 (J)	
7/26/2010	0.042 (J)	
9/7/2010	0.04 (J)	
4/29/2011	0.038 (J)	
10/28/2011	0.034	
5/2/2012	0.03	
11/9/2012	0.039	
5/8/2013	0.034	
11/6/2013	0.032	
5/20/2014	0.03	
11/8/2014	0.031	
5/22/2015	0.033	
11/9/2015	0.034	
4/6/2016	0.0347	
6/15/2016	0.029	
8/10/2016	0.027	
10/5/2016	0.029	
11/29/2016	0.024	
2/7/2017	0.029	
4/4/2017	0.03	
6/20/2017	0.036	
10/5/2017	0.027	
3/20/2018	0.027	
10/2/2018	0.027	
3/26/2019	0.031	
9/10/2019	0.051	
3/18/2020	0.031	
9/9/2020	0.033	
4/1/2021	0.029	
8/11/2021	0.029	
2/15/2022	0.031	
8/24/2022	0.031	
2/28/2023	0.03	
8/3/2023	0.027	
2/28/2024	0.032	
8/6/2024	0.033	
2/26/2025		0.027

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-1	GWC-1
5/11/2010	0.054 (J)	
6/17/2010	0.054 (J)	
7/27/2010	0.054 (J)	
9/9/2010	0.046 (J)	
4/28/2011	0.057 (J)	
10/29/2011	0.046	
5/3/2012	0.049	
11/9/2012	0.045	
5/9/2013	0.053	
11/5/2013	0.045	
5/23/2014	0.043	
11/13/2014	0.046	
5/23/2015	0.046	
11/11/2015	0.047	
4/12/2016	0.0474	
6/16/2016	0.044	
8/11/2016	0.04	
10/4/2016	0.048	
11/30/2016	0.043	
2/7/2017	0.042	
4/5/2017	0.041	
6/20/2017	0.046	
10/4/2017	0.044	
3/20/2018	0.042	
10/2/2018	0.043	
3/26/2019	0.044	
9/10/2019	0.046	
3/18/2020	0.049	
9/9/2020	0.046	
4/1/2021	0.047	
8/18/2021	0.049	
2/15/2022	0.052	
8/24/2022	0.043	
2/27/2023	0.049	
8/9/2023	0.048	
3/1/2024	0.048	
8/6/2024	0.051	
2/25/2025		0.047

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-2	GWC-2
5/11/2010	0.048 (J)	
6/19/2010	0.033 (J)	
7/27/2010	0.047 (J)	
9/9/2010	0.045 (J)	
4/28/2011	0.048 (J)	
10/28/2011	0.044	
5/3/2012	0.047	
11/9/2012	0.055	
5/9/2013	0.049	
11/5/2013	0.045	
5/22/2014	0.04	
11/13/2014	0.045	
5/24/2015	0.045	
11/11/2015	0.045	
4/12/2016	0.0519	
6/16/2016	0.045	
8/11/2016	0.04	
10/4/2016	0.044	
11/30/2016	0.044	
2/7/2017	0.044	
4/6/2017	0.041	
6/20/2017	0.045	
10/4/2017	0.047	
3/20/2018	0.045	
10/2/2018	0.044	
3/26/2019	0.045	
9/10/2019	0.047	
3/18/2020	0.048	
9/9/2020	0.047	
4/1/2021	0.044	
8/12/2021	0.048	
2/15/2022	0.048	
8/26/2022	0.045	
2/27/2023	0.048	
8/9/2023	0.045	
3/1/2024	0.046	
8/6/2024	0.052	
2/25/2025		0.043

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-3
5/11/2010	0.039 (Jo)	
6/17/2010	0.017 (J)	
7/28/2010	0.071 (JO)	
9/7/2010	0.026 (J)	
4/29/2011	0.016 (J)	
10/28/2011	0.014	
5/3/2012	0.017	
11/9/2012	0.022	
5/10/2013	0.025	
11/6/2013	0.015	
5/22/2014	0.016	
11/9/2014	0.017	
5/22/2015	0.017	
11/10/2015	0.018	
4/12/2016	0.0169	
6/20/2016	0.014	
8/12/2016	0.018	
10/5/2016	0.015	
11/30/2016	0.018	
2/8/2017	0.018	
4/6/2017	0.017	
6/21/2017	0.02	
10/5/2017	0.017	
3/21/2018	0.018	
10/3/2018	0.016	
3/26/2019	0.015	
9/10/2019	0.014	
3/18/2020	0.013	
9/10/2020	0.015	
4/6/2021	0.014	
8/12/2021	0.019	
2/15/2022	0.013	
8/25/2022	0.013	
2/28/2023	0.011	
8/9/2023	0.013	
3/4/2024	0.019	
8/7/2024	0.02	
2/25/2025		0.021

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
5/11/2010	0.031 (J)	
6/17/2010	0.033 (J)	
7/28/2010	0.033 (J)	
9/8/2010	0.033 (J)	
4/28/2011	0.039 (J)	
10/29/2011	0.029	
5/3/2012	0.036	
11/10/2012	0.032	
5/10/2013	0.035	
11/6/2013	0.037	
5/22/2014	0.031	
11/9/2014	0.034	
5/22/2015	0.039	
11/11/2015	0.042	
4/12/2016	0.0386	
6/20/2016	0.031	
8/12/2016	0.033	
10/6/2016	0.042	
11/30/2016	0.04	
2/8/2017	0.042	
4/6/2017	0.041	
6/22/2017	0.047	
10/6/2017	0.045	
3/21/2018	0.045	
10/3/2018	0.042	
3/26/2019	0.053	
9/10/2019	0.037	
3/19/2020	0.045	
9/10/2020	0.045	
4/2/2021		0.047
8/12/2021		0.049
2/15/2022		0.055
8/25/2022		0.054
12/28/2022		0.065
2/27/2023		0.081
8/8/2023		0.085
2/29/2024		0.1
8/7/2024		0.097
2/25/2025		0.15

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-5	GWC-5
5/11/2010	0.034 (J)	
6/18/2010	0.028 (J)	
7/27/2010	0.026 (J)	
9/9/2010	0.022 (J)	
4/29/2011	0.016 (J)	
10/28/2011	0.014	
5/4/2012	0.017	
11/10/2012	0.014	
5/9/2013	0.016	
11/6/2013	0.016	
5/22/2014	0.016	
11/9/2014	0.018	
5/24/2015	0.11	
11/11/2015	0.12	
4/19/2016	0.099	
6/22/2016	0.074	
8/16/2016	0.045	
10/6/2016	0.046	
12/1/2016	0.046	
2/9/2017	0.055	
4/6/2017	0.057	
6/21/2017	0.062	
10/5/2017	0.052	
3/22/2018	0.048	
10/3/2018	0.036	
3/27/2019	0.038	
9/11/2019	0.039	
3/18/2020	0.04	
9/9/2020	0.033	
4/1/2021	0.04	
8/12/2021	0.036	
2/15/2022	0.038	
8/25/2022	0.031	
2/28/2023	0.038	
8/8/2023	0.031	
2/29/2024	0.042	
8/6/2024	0.038	
2/25/2025		0.036

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-6	GWC-6
5/11/2010	0.053 (J)	
6/18/2010	0.055 (J)	
7/27/2010	0.053 (J)	
9/9/2010	0.05 (J)	
4/30/2011	0.05 (J)	
10/29/2011	0.045	
5/4/2012	0.051	
11/10/2012	0.048	
5/9/2013	0.048	
11/7/2013	0.049	
5/21/2014	0.048	
11/9/2014	0.053	
5/24/2015	0.061	
11/11/2015	0.063	
4/12/2016	0.0626	
6/20/2016	0.057	
8/12/2016	0.053	
10/6/2016	0.053	
11/30/2016	0.06	
2/9/2017	0.054	
4/6/2017	0.055	
6/21/2017	0.063	
10/6/2017	0.054	
3/21/2018	0.056	
10/3/2018	0.051	
3/26/2019	0.052	
9/11/2019	0.059	
3/18/2020	0.05	
9/10/2020	0.056	
4/5/2021	0.054	
8/11/2021	0.054	
2/15/2022	0.057	
8/25/2022	0.055	
2/27/2023	0.052	
8/8/2023	0.046	
2/29/2024	0.06	
8/7/2024	0.047	
2/24/2025		0.07

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-7	GWC-7
5/10/2010	0.029 (J)	
6/18/2010	0.044 (J)	
7/28/2010	0.028 (J)	
9/9/2010	0.029 (J)	
4/30/2011	0.025 (J)	
10/29/2011	0.026	
5/4/2012	0.032	
11/10/2012	0.028	
5/9/2013	0.03	
11/7/2013	0.031	
5/21/2014	0.029	
11/12/2014	0.031	
5/24/2015	0.039	
11/11/2015	0.032	
4/13/2016	0.0328	
6/20/2016	0.03	
8/15/2016	0.033	
10/6/2016	0.032	
12/1/2016	0.034	
2/9/2017	0.032	
4/7/2017	0.031	
6/22/2017	0.035	
10/6/2017	0.034	
3/22/2018	0.035	
10/4/2018	0.031	
3/27/2019	0.033	
9/11/2019	0.035	
3/19/2020	0.036	
9/10/2020	0.039	
4/1/2021	0.036	
8/11/2021	0.036	
2/15/2022	0.035	
8/25/2022	0.035	
2/27/2023	0.036	
8/8/2023	0.034	
2/29/2024	0.041	
8/6/2024	0.039	
2/24/2025		0.043

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-8A
5/10/2010	0.05 (J)	
6/19/2010	0.045 (J)	
7/28/2010	0.046 (J)	
9/8/2010	0.071 (J)	
4/30/2011	0.098 (J)	
10/27/2011	0.048	
5/4/2012	0.055	
11/11/2012	0.05	
5/10/2013	0.12	
11/7/2013	0.044	
5/21/2014	0.037	
11/13/2014	0.085	
5/23/2015	0.054	
11/11/2015	0.059	
4/19/2016	0.0415	
10/10/2016	0.034	
12/1/2016	0.037	
2/9/2017	0.043	
4/7/2017	0.019	
6/21/2017	0.017	
8/15/2017	0.021	
9/1/2017	0.02	
10/9/2017	0.019	
3/22/2018	0.019	
10/4/2018	0.012	
3/27/2019	0.025	
9/11/2019	0.022	
3/18/2020	0.043	
9/9/2020	0.053	
4/5/2021	0.045	
8/12/2021	0.026	
2/15/2022	0.048	
8/25/2022	0.03	
2/27/2023	0.055	
8/8/2023	0.051	
2/29/2024	0.042	
8/6/2024	0.029	
2/24/2025		0.039

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-9	GWC-9
5/10/2010	0.026 (J)	
6/16/2010	0.026 (J)	
7/27/2010	0.029 (J)	
9/8/2010	0.027 (J)	
4/29/2011	0.02 (J)	
10/27/2011	0.02	
5/3/2012	0.021	
11/11/2012	0.028	
5/9/2013	0.026	
11/6/2013	0.026	
5/21/2014	0.023	
11/12/2014	0.038	
5/23/2015	0.021	
11/12/2015	0.02	
4/13/2016	0.0164	
6/22/2016	0.0238	
8/15/2016	0.02	
10/6/2016	0.021	
12/1/2016	0.025	
2/8/2017	0.017	
4/6/2017	0.019	
6/21/2017	0.026	
10/5/2017	0.022	
3/21/2018	0.021	
10/2/2018	0.023	
3/27/2019	0.018	
9/11/2019	0.028	
3/18/2020	0.013	
9/9/2020	0.025	
4/1/2021	0.018	
8/12/2021	0.023	
2/15/2022	0.023	
8/25/2022	0.04	
2/27/2023	0.025	
8/8/2023	0.027	
3/1/2024	0.026	
8/6/2024	0.03	
2/24/2025		0.029

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-10	GWC-10
5/10/2010	0.024 (J)	
6/16/2010	0.022 (J)	
7/28/2010	0.023 (J)	
9/8/2010	0.023 (J)	
4/29/2011	0.022 (J)	
10/27/2011	0.022	
5/4/2012	0.019	
11/11/2012	0.025	
5/9/2013	0.024	
11/5/2013	0.025	
5/21/2014	0.024	
11/12/2014	0.026	
5/23/2015	0.026	
11/12/2015	0.026	
4/13/2016	0.0258	
6/21/2016	0.0286	
8/15/2016	0.024	
10/5/2016	0.026	
12/1/2016	0.028	
2/8/2017	0.027	
4/6/2017	0.027	
6/21/2017	0.031	
10/5/2017	0.029	
3/21/2018	0.028	
10/2/2018	0.029	
3/27/2019	0.027	
9/11/2019	0.033	
3/18/2020	0.036	
9/9/2020	0.036	
4/1/2021	0.034	
8/17/2021	0.04	
10/18/2021	0.031	
2/15/2022	0.036	
8/25/2022	0.035	
2/21/2023	0.033	
8/9/2023	0.032	
3/1/2024	0.036	
8/6/2024	0.034	
2/24/2025		0.035

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-11	GWC-11
5/10/2010	0.018 (J)	
6/16/2010	0.018 (J)	
7/27/2010	0.018 (J)	
9/8/2010	0.017 (J)	
4/29/2011	0.016 (J)	
10/27/2011	0.015	
5/4/2012	0.014	
11/10/2012	0.016	
5/9/2013	0.016	
11/6/2013	0.016	
5/20/2014	0.016	
11/12/2014	0.017	
5/24/2015	0.017	
11/12/2015	0.016	
4/13/2016	0.0159	
6/21/2016	0.018	
8/15/2016	0.015	
10/5/2016	0.016	
12/1/2016	0.016	
2/8/2017	0.015	
4/6/2017	0.016	
6/20/2017	0.016	
10/5/2017	0.016	
3/21/2018	0.016	
10/2/2018	0.016	
3/27/2019	0.015	
9/11/2019	0.017	
3/18/2020	0.019	
9/10/2020	0.02	
4/1/2021	0.018	
8/11/2021	0.017	
2/16/2022	0.018	
8/25/2022	0.018	
2/27/2023	0.019	
8/9/2023	0.019	
2/29/2024	0.02	
8/6/2024	0.017	
2/24/2025		0.02

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-12	GWC-12
5/9/2010	0.017 (J)	
6/18/2010	0.014 (J)	
7/27/2010	0.015 (J)	
9/8/2010	0.013 (J)	
4/29/2011	0.016 (J)	
10/28/2011	0.013	
5/3/2012	0.012	
11/10/2012	0.015	
5/9/2013	0.015	
11/6/2013	0.015	
5/20/2014	0.015	
11/12/2014	0.018	
5/23/2015	0.016	
11/12/2015	0.015	
4/13/2016	0.0166	
6/21/2016	0.0173	
8/15/2016	0.015	
10/5/2016	0.016	
12/1/2016	0.016	
2/8/2017	0.016	
4/5/2017	0.016	
6/20/2017	0.017	
10/5/2017	0.017	
3/21/2018	0.017	
10/2/2018	0.016	
3/26/2019	0.017	
9/11/2019	0.017	
3/18/2020	0.018	
9/10/2020	0.019	
4/1/2021	0.018	
8/11/2021	0.018	
2/16/2022	0.018	
8/26/2022	0.018	
2/27/2023	0.019	
8/9/2023	0.02	
2/29/2024	0.019	
8/6/2024	0.018	
2/24/2025		0.02

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-13
5/9/2010	0.029 (J)	
6/18/2010	0.028 (J)	
7/29/2010	0.029 (J)	
9/9/2010	0.028 (J)	
4/26/2011	0.038 (J)	
10/28/2011	0.026	
5/4/2012	0.024	
11/11/2012	0.027	
5/8/2013	0.045	
11/7/2013	0.026	
5/20/2014	0.024	
11/12/2014	0.029	
5/24/2015	0.027	
11/12/2015	0.029	
4/13/2016	0.029	
6/21/2016	0.0306	
8/15/2016	0.026	
10/7/2016	0.031	
12/1/2016	0.031	
2/9/2017	0.032	
4/6/2017	0.029	
6/22/2017	0.034	
10/6/2017	0.031	
3/22/2018	0.034	
10/3/2018	0.03	
3/26/2019	0.035	
9/11/2019	0.035	
3/18/2020	0.058	
9/10/2020	0.037	
4/6/2021	0.038	
8/11/2021	0.037	
2/16/2022	0.035	
8/26/2022	0.035	
2/27/2023	0.04	
8/9/2023	0.04	
3/1/2024	0.039	
8/6/2024	0.036	
2/24/2025		0.041

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-14	GWC-14
5/9/2010	0.01 (J)	
6/18/2010	0.0097 (J)	
7/28/2010	0.0096 (J)	
9/9/2010	0.01 (J)	
4/30/2011	0.0096 (J)	
10/28/2011	0.0064 (JO)	
5/3/2012	0.0054 (JO)	
11/10/2012	0.0094 (J)	
5/8/2013	0.0093 (J)	
11/5/2013	0.009 (J)	
5/20/2014	0.009 (J)	
11/12/2014	0.0098 (J)	
5/24/2015	0.0096 (J)	
11/11/2015	0.0092 (J)	
4/13/2016	0.00929 (J)	
6/21/2016	0.0106	
8/15/2016	0.0077	
10/4/2016	0.0091	
12/1/2016	0.0089	
2/7/2017	0.0089	
4/6/2017	0.0085	
6/20/2017	0.0097	
10/5/2017	0.0096	
3/20/2018	0.0091	
10/2/2018	0.0096	
3/26/2019	0.0092	
9/11/2019	0.011	
3/18/2020	0.0099 (J)	
9/9/2020	0.01	
4/1/2021	0.0095 (J)	
8/11/2021	0.012	
2/16/2022	0.011	
8/26/2022	0.011	
2/27/2023	0.011	
8/9/2023	0.012	
3/1/2024	0.012	
8/8/2024	0.013	
2/25/2025		0.011

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-18	GWC-18
5/10/2010	0.039 (J)	
6/16/2010	0.041 (J)	
7/26/2010	0.04 (J)	
9/7/2010	0.038 (J)	
4/29/2011	0.034 (J)	
10/28/2011	0.035	
5/2/2012	0.038	
11/9/2012	0.035	
5/8/2013	0.037	
11/6/2013	0.036	
5/23/2014	0.036	
11/8/2014	0.038	
5/22/2015	0.035	
11/10/2015	0.032	
4/11/2016	0.0352	
6/16/2016	0.033	
8/11/2016	0.035	
10/5/2016	0.032	
11/29/2016	0.034	
2/8/2017	0.032	
4/6/2017	0.031	
6/21/2017	0.035	
10/5/2017	0.034	
3/20/2018	0.033	
10/2/2018	0.032	
3/26/2019	0.033	
9/11/2019	0.035	
3/18/2020	0.036	
9/9/2020	0.036	
4/1/2021	0.035	
8/11/2021	0.037	
2/16/2022	0.034	
8/25/2022	0.035	
2/28/2023	0.035	
8/9/2023	0.037	
2/29/2024	0.037	
8/6/2024	0.037	
2/25/2025		0.036

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-19	GWC-19
5/11/2010	0.018 (J)	
6/16/2010	0.017 (J)	
7/27/2010	0.016 (J)	
9/7/2010	0.017 (J)	
4/29/2011	0.018 (J)	
10/28/2011	0.016	
5/2/2012	0.018	
11/9/2012	0.017	
5/9/2013	0.017	
11/6/2013	0.018	
5/22/2014	0.016	
11/8/2014	0.018	
5/22/2015	0.018	
11/10/2015	0.017	
4/11/2016	0.0191	
6/16/2016	0.017	
8/11/2016	0.015	
10/5/2016	0.018	
11/29/2016	0.017	
2/8/2017	0.017	
4/5/2017	0.017	
6/21/2017	0.019	
10/5/2017	0.018	
3/20/2018	0.019	
10/2/2018	0.018	
3/26/2019		0.018
9/12/2019		0.026
3/19/2020		0.025
9/9/2020		0.026
4/5/2021		0.028
8/11/2021		0.031
2/16/2022		0.027
8/25/2022		0.03
2/28/2023		0.031
8/8/2023		0.032
2/29/2024		0.033
8/6/2024		0.035
2/25/2025		0.033

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-20	GWC-20
5/11/2010	0.032 (J)	
6/17/2010	0.031 (J)	
7/27/2010	0.035 (J)	
9/7/2010	0.032 (J)	
4/29/2011	0.031 (J)	
10/28/2011	0.03	
5/3/2012	0.032	
11/10/2012	0.028	
5/9/2013	0.029	
11/6/2013	0.03	
5/22/2014	0.029	
11/9/2014	0.032	
5/22/2015	0.029	
11/10/2015	0.026	
4/12/2016	0.033	
6/16/2016	0.028	
8/11/2016	0.026	
10/5/2016	0.03	
11/30/2016	0.03	
2/8/2017	0.033	
4/6/2017	0.033	
6/21/2017	0.03	
10/5/2017	0.028	
3/21/2018	0.03	
10/3/2018	0.028	
3/26/2019	0.03	
9/12/2019	0.035	
3/19/2020	0.032	
9/10/2020	0.031	
4/5/2021	0.029	
8/11/2021	0.031	
2/16/2022	0.03	
8/25/2022	0.031	
2/28/2023	0.032	
8/8/2023	0.035	
3/1/2024	0.036	
8/6/2024	0.037	
2/25/2025		0.038

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17	GWA-17
5/8/2010	<0.0025	
6/16/2010	<0.0025	
7/26/2010	<0.0025	
9/7/2010	<0.0025	
4/29/2011	<0.0025	
10/28/2011	<0.0025	
5/2/2012	<0.0025	
11/9/2012	0.0021 (J)	
5/8/2013	<0.0025	
11/6/2013	<0.0025	
5/20/2014	<0.0025	
11/8/2014	<0.0025	
5/22/2015	<0.0025	
11/9/2015	<0.0025	
4/6/2016	<0.0025	
6/15/2016	<0.0025	
8/10/2016	<0.0025	
10/5/2016	<0.0025	
11/29/2016	<0.0025	
2/7/2017	<0.0025	
4/4/2017	<0.0025	
6/20/2017	<0.0025	
10/5/2017	<0.0025	
3/20/2018	<0.0025	
10/2/2018	<0.0025	
3/26/2019	<0.0025	
9/10/2019	<0.0025	
3/18/2020	<0.0025	
9/9/2020	<0.0025	
4/1/2021	<0.0025	
8/11/2021	<0.0025	
2/15/2022	<0.0025	
8/24/2022	<0.0025	
2/28/2023	<0.0025	
8/3/2023	<0.0025	
2/28/2024	<0.0025	
8/6/2024	<0.0025	
2/26/2025		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-3
5/11/2010	<0.0025	
6/17/2010	<0.0025	
7/28/2010	<0.0025	
9/7/2010	<0.0025	
4/29/2011	<0.0025	
10/28/2011	<0.0025	
5/3/2012	<0.0025	
11/9/2012	<0.0025	
5/10/2013	<0.0025	
11/6/2013	<0.0025	
5/22/2014	<0.0025	
11/9/2014	<0.0025	
5/22/2015	<0.0025	
11/10/2015	<0.0025	
4/12/2016	<0.0025	
6/20/2016	5.8E-05 (J)	
8/12/2016	<0.0025	
10/5/2016	<0.0025	
11/30/2016	<0.0025	
2/8/2017	<0.0025	
4/6/2017	<0.0025	
6/21/2017	<0.0025	
10/5/2017	<0.0025	
3/21/2018	<0.0025	
10/3/2018	<0.0025	
3/26/2019	<0.0025	
9/10/2019	<0.0025	
3/18/2020	<0.0025	
9/10/2020	<0.0025	
4/6/2021	<0.0025	
8/12/2021	<0.0025	
2/15/2022	<0.0025	
8/25/2022	<0.0025	
2/28/2023	<0.0025	
8/9/2023	<0.0025	
3/4/2024	<0.0025	
8/7/2024	<0.0025	
2/25/2025		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
5/11/2010	<0.0025	
6/17/2010	<0.0025	
7/28/2010	<0.0025	
9/8/2010	<0.0025	
4/28/2011	<0.0025	
10/29/2011	<0.0025	
5/3/2012	<0.0025	
11/10/2012	<0.0025	
5/10/2013	<0.0025	
11/6/2013	<0.0025	
5/22/2014	<0.0025	
11/9/2014	<0.0025	
5/22/2015	<0.0025	
11/11/2015	<0.0025	
4/12/2016	<0.0025	
6/20/2016	2.3E-05 (J)	
8/12/2016	<0.0025	
10/6/2016	<0.0025	
11/30/2016	<0.0025	
2/8/2017	<0.0025	
4/6/2017	<0.0025	
6/22/2017	<0.0025	
10/6/2017	<0.0025	
3/21/2018	<0.0025	
10/3/2018	<0.0025	
3/26/2019	<0.0025	
9/10/2019	<0.0025	
3/19/2020	<0.0025	
9/10/2020	<0.0025	
4/2/2021	<0.0025	
8/12/2021	<0.0025	
2/15/2022	<0.0025	
8/25/2022	<0.0025	
2/27/2023	<0.0025	
8/8/2023	<0.0025	
2/29/2024	<0.0025	
8/7/2024	<0.0025	
2/25/2025		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-5	GWC-5
5/11/2010	<0.0025	
6/18/2010	<0.0025	
7/27/2010	<0.0025	
9/9/2010	<0.0025	
4/29/2011	<0.0025	
10/28/2011	<0.0025	
5/4/2012	<0.0025	
11/10/2012	<0.0025	
5/9/2013	<0.0025	
11/6/2013	<0.0025	
5/22/2014	<0.0025	
11/9/2014	<0.0025	
5/24/2015	<0.0025	
11/11/2015	<0.0025	
4/19/2016	<0.0025	
6/22/2016	<0.0025	
8/16/2016	<0.0025	
10/6/2016	<0.0025	
12/1/2016	<0.0025	
2/9/2017	<0.0025	
4/6/2017	<0.0025	
6/21/2017	<0.0025	
10/5/2017	<0.0025	
3/22/2018	<0.0025	
10/3/2018	<0.0025	
3/27/2019	<0.0025	
9/11/2019	<0.0025	
3/18/2020	<0.0025	
9/9/2020	<0.0025	
4/1/2021	<0.0025	
8/12/2021	0.00022 (J)	
2/15/2022	<0.0025	
8/25/2022	<0.0025	
2/28/2023	<0.0025	
8/8/2023	<0.0025	
2/29/2024	<0.0025	
8/6/2024	<0.0025	
2/25/2025		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-6	GWC-6
5/11/2010	<0.0025	
6/18/2010	<0.0025	
7/27/2010	<0.0025	
9/9/2010	<0.0025	
4/30/2011	<0.0025	
10/29/2011	<0.0025	
5/4/2012	<0.0025	
11/10/2012	<0.0025	
5/9/2013	<0.0025	
11/7/2013	<0.0025	
5/21/2014	<0.0025	
11/9/2014	<0.0025	
5/24/2015	<0.0025	
11/11/2015	<0.0025	
4/12/2016	<0.0025	
6/20/2016	3.2E-05 (J)	
8/12/2016	<0.0025	
10/6/2016	<0.0025	
11/30/2016	<0.0025	
2/9/2017	<0.0025	
4/6/2017	<0.0025	
6/21/2017	<0.0025	
10/6/2017	<0.0025	
3/21/2018	<0.0025	
10/3/2018	<0.0025	
3/26/2019	<0.0025	
9/11/2019	<0.0025	
3/18/2020	<0.0025	
9/10/2020	<0.0025	
4/5/2021	<0.0025	
8/11/2021	<0.0025	
2/15/2022	<0.0025	
8/25/2022	<0.0025	
2/27/2023	<0.0025	
8/8/2023	<0.0025	
2/29/2024	<0.0025	
8/7/2024	<0.0025	
2/24/2025		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-7	GWC-7
5/10/2010	<0.0025	
6/18/2010	<0.0025	
7/28/2010	<0.0025	
9/9/2010	<0.0025	
4/30/2011	<0.0025	
10/29/2011	<0.0025	
5/4/2012	<0.0025	
11/10/2012	<0.0025	
5/9/2013	<0.0025	
11/7/2013	<0.0025	
5/21/2014	<0.0025	
11/12/2014	<0.0025	
5/24/2015	<0.0025	
11/11/2015	<0.0025	
4/13/2016	<0.0025	
6/20/2016	<0.0025	
8/15/2016	<0.0025	
10/6/2016	<0.0025	
12/1/2016	<0.0025	
2/9/2017	<0.0025	
4/7/2017	<0.0025	
6/22/2017	<0.0025	
10/6/2017	<0.0025	
3/22/2018	<0.0025	
10/4/2018	<0.0025	
3/27/2019	<0.0025	
9/11/2019	<0.0025	
3/19/2020	<0.0025	
9/10/2020	0.00018 (J)	
4/1/2021	<0.0025	
8/11/2021	<0.0025	
2/15/2022	<0.0025	
8/25/2022	<0.0025	
2/27/2023	<0.0025	
8/8/2023	<0.0025	
2/29/2024	<0.0025	
8/6/2024	<0.0025	
2/24/2025		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-8A
5/10/2010	<0.0025	
6/19/2010	<0.0025	
7/28/2010	<0.0025	
9/8/2010	<0.0025	
4/30/2011	<0.0025	
10/27/2011	<0.0025	
5/4/2012	<0.0025	
11/11/2012	<0.0025	
5/10/2013	<0.0025	
11/7/2013	<0.0025	
5/21/2014	<0.0025	
11/13/2014	<0.0025	
5/23/2015	<0.0025	
11/11/2015	<0.0025	
4/19/2016	<0.0025	
10/10/2016	<0.0025	
12/1/2016	<0.0025	
2/9/2017	<0.0025	
4/7/2017	<0.0025	
6/21/2017	<0.0025	
8/15/2017	<0.0025	
9/1/2017	<0.0025	
10/9/2017	<0.0025	
3/22/2018	<0.0025	
10/4/2018	<0.0025	
3/27/2019	<0.0025	
9/11/2019	<0.0025	
3/18/2020	<0.0025	
9/9/2020	<0.0025	
4/5/2021	0.00038 (J)	
8/12/2021	<0.0025	
2/15/2022	<0.0025	
8/25/2022	<0.0025	
2/27/2023	<0.0025	
8/8/2023	<0.0025	
2/29/2024	<0.0025	
8/6/2024	<0.0025	
2/24/2025		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17	GWA-17
5/8/2010	<0.0025	
6/16/2010	<0.0025	
7/26/2010	<0.0025	
9/7/2010	<0.0025	
4/29/2011	<0.0025	
10/28/2011	<0.0025	
5/2/2012	<0.0025	
11/9/2012	<0.0025	
5/8/2013	<0.0025	
11/6/2013	<0.0025	
5/20/2014	<0.0025	
11/8/2014	<0.0025	
5/22/2015	<0.0025	
11/9/2015	<0.0025	
4/6/2016	<0.0025	
6/15/2016	<0.0025	
8/10/2016	<0.0025	
10/5/2016	<0.0025	
11/29/2016	<0.0025	
2/7/2017	<0.0025	
4/4/2017	<0.0025	
6/20/2017	<0.0025	
10/5/2017	<0.0025	
3/20/2018	<0.0025	
10/2/2018	<0.0025	
3/26/2019	<0.0025	
9/10/2019	0.00013 (J)	
3/18/2020	<0.0025	
9/9/2020	<0.0025	
4/1/2021	<0.0025	
8/11/2021	<0.0025	
2/15/2022	<0.0025	
8/24/2022	<0.0025	
2/28/2023	<0.0025	
8/3/2023	<0.0025	
2/28/2024	<0.0025	
8/6/2024	<0.0025	
2/26/2025		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-2	GWC-2
5/11/2010	<0.0025	
6/19/2010	<0.0025	
7/27/2010	<0.0025	
9/9/2010	<0.0025	
4/28/2011	<0.0025	
10/28/2011	<0.0025	
5/3/2012	<0.0025	
11/9/2012	<0.0025	
5/9/2013	<0.0025	
11/5/2013	<0.0025	
5/22/2014	<0.0025	
11/13/2014	<0.0025	
5/24/2015	<0.0025	
11/11/2015	<0.0025	
4/12/2016	<0.0025	
6/16/2016	<0.0025	
8/11/2016	<0.0025	
10/4/2016	<0.0025	
11/30/2016	<0.0025	
2/7/2017	<0.0025	
4/6/2017	<0.0025	
6/20/2017	<0.0025	
10/4/2017	<0.0025	
3/20/2018	<0.0025	
10/2/2018	<0.0025	
3/26/2019	<0.0025	
9/10/2019	<0.0025	
3/18/2020	<0.0025	
9/9/2020	<0.0025	
4/1/2021	0.00038 (J)	
8/12/2021	<0.0025	
2/15/2022	<0.0025	
8/26/2022	<0.0025	
2/27/2023	<0.0025	
8/9/2023	<0.0025	
3/1/2024	<0.0025	
8/6/2024	<0.0025	
2/25/2025		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-8A
5/10/2010	<0.0025	
6/19/2010	<0.0025	
7/28/2010	<0.0025	
9/8/2010	0.001 (J)	
4/30/2011	0.0014 (J)	
10/27/2011	0.0011 (J)	
5/4/2012	<0.0025	
11/11/2012	<0.0025	
5/10/2013	0.0016 (J)	
11/7/2013	0.001 (J)	
5/21/2014	<0.0025	
11/13/2014	<0.0025	
5/23/2015	<0.0025	
11/11/2015	<0.0025	
4/19/2016	0.000379 (J)	
10/10/2016	<0.0025	
12/1/2016	<0.0025	
2/9/2017	0.00037 (J)	
4/7/2017	<0.0025	
6/21/2017	<0.0025	
8/15/2017	<0.0025	
9/1/2017	<0.0025	
10/9/2017	<0.0025	
3/22/2018	<0.0025	
10/4/2018	<0.0025	
3/27/2019	<0.0025	
9/11/2019	<0.0025	
3/18/2020	<0.0025	
9/9/2020	<0.0025	
4/5/2021	0.0003 (J)	
8/12/2021	<0.0025	
2/15/2022	<0.0025	
8/25/2022	<0.0025	
2/27/2023	<0.0025	
8/8/2023	<0.0025	
2/29/2024	<0.0025	
8/6/2024	<0.0025	
2/24/2025		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-11	GWC-11
5/10/2010	<0.0025	
6/16/2010	<0.0025	
7/27/2010	<0.0025	
9/8/2010	<0.0025	
4/29/2011	<0.0025	
10/27/2011	<0.0025	
5/4/2012	<0.0025	
11/10/2012	<0.0025	
5/9/2013	<0.0025	
11/6/2013	<0.0025	
5/20/2014	<0.0025	
11/12/2014	<0.0025	
5/24/2015	<0.0025	
11/12/2015	<0.0025	
4/13/2016	<0.0025	
6/21/2016	<0.0025	
8/15/2016	<0.0025	
10/5/2016	<0.0025	
12/1/2016	<0.0025	
2/8/2017	<0.0025	
4/6/2017	<0.0025	
6/20/2017	<0.0025	
10/5/2017	<0.0025	
3/21/2018	<0.0025	
10/2/2018	<0.0025	
3/27/2019	<0.0025	
9/11/2019	<0.0025	
3/18/2020	<0.0025	
9/10/2020	0.001 (J)	
4/1/2021	<0.0025	
8/11/2021	<0.0025	
2/16/2022	<0.0025	
8/25/2022	<0.0025	
2/27/2023	<0.0025	
8/9/2023	<0.0025	
2/29/2024	<0.0025	
8/6/2024	<0.0025	
2/24/2025		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15	GWA-15
5/9/2010	<0.002	
6/18/2010	<0.002	
7/28/2010	<0.002	
9/9/2010	<0.002	
4/30/2011	<0.002	
10/28/2011	<0.002	
5/2/2012	<0.002	
11/9/2012	<0.002	
5/8/2013	<0.002	
11/5/2013	0.0036 (J)	
5/20/2014	<0.002	
11/12/2014	<0.002	
5/22/2015	<0.002	
11/11/2015	<0.002	
4/6/2016	<0.002	
6/15/2016	0.00029 (J)	
8/10/2016	<0.002	
10/4/2016	<0.002	
11/30/2016	<0.002	
2/7/2017	<0.002	
4/4/2017	<0.002	
6/20/2017	<0.002	
10/4/2017	<0.002	
3/20/2018	<0.002	
10/2/2018	<0.002	
3/26/2019	<0.002	
9/10/2019	0.0023 (J)	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/1/2021	<0.002	
8/11/2021	<0.002	
2/15/2022	<0.002	
8/25/2022	<0.002	
2/28/2023	<0.002	
8/3/2023	<0.002	
3/4/2024	<0.002	
8/6/2024	<0.002	
2/25/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-16	GWA-16
5/9/2010	0.003 (J)	
6/16/2010	0.0042 (J)	
7/27/2010	0.0048 (J)	
9/7/2010	0.0037 (J)	
4/29/2011	0.0046 (J)	
10/28/2011	0.005	
5/2/2012	0.0052	
11/9/2012	0.0054	
5/8/2013	0.0058	
11/6/2013	0.0062 (J)	
5/20/2014	0.0047 (J)	
11/8/2014	0.0064 (J)	
5/22/2015	0.0059 (J)	
11/9/2015	0.0043 (J)	
4/6/2016	0.00457 (J)	
6/15/2016	0.0042 (J)	
8/10/2016	0.0042	
10/4/2016	0.0052	
11/29/2016	0.004	
2/7/2017	0.004	
4/4/2017	0.0021 (J)	
6/20/2017	0.0046	
10/5/2017	0.005	
3/20/2018	0.0044	
10/2/2018	0.0043	
3/26/2019	0.0046	
9/10/2019	0.0076	
3/18/2020	0.0044	
9/9/2020	0.005	
4/1/2021	0.0053	
8/11/2021	0.0059	
2/15/2022	0.0056	
8/25/2022	0.0056	
2/28/2023	0.0061	
8/3/2023	0.0073	
2/28/2024	0.0071	
8/6/2024	0.008	
2/25/2025		0.0068

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17	GWA-17
5/8/2010	0.0032 (J)	
6/16/2010	0.0037 (J)	
7/26/2010	0.0058	
9/7/2010	0.0078	
4/29/2011	0.005	
10/28/2011	0.0068	
5/2/2012	0.0065	
11/9/2012	0.006	
5/8/2013	0.0074	
11/6/2013	0.0082 (J)	
5/20/2014	0.0051 (J)	
11/8/2014	0.0074 (J)	
5/22/2015	0.0084 (J)	
11/9/2015	0.009 (J)	
4/6/2016	0.00779 (J)	
6/15/2016	0.0072 (J)	
8/10/2016	0.0068	
10/5/2016	0.0076	
11/29/2016	0.0045	
2/7/2017	0.0067	
4/4/2017	0.0079	
6/20/2017	0.0084	
10/5/2017	0.0061	
3/20/2018	0.006	
10/2/2018	0.0061	
3/26/2019	0.0065	
9/10/2019	0.012	
3/18/2020	0.0083	
9/9/2020	0.0088	
4/1/2021	0.0082	
8/11/2021	0.0089	
2/15/2022	0.0084	
8/24/2022	0.0076	
2/28/2023	0.0083	
8/3/2023	0.0089	
2/28/2024	0.0096	
8/6/2024	0.0086	
2/26/2025		0.0083

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-1	GWC-1
5/11/2010	0.0077	
6/17/2010	0.0053	
7/27/2010	0.0085	
9/9/2010	0.0076	
4/28/2011	0.0048 (J)	
10/29/2011	0.0093	
5/3/2012	0.01	
11/9/2012	0.009	
5/9/2013	0.0085	
11/5/2013	0.015	
5/23/2014	0.012	
11/13/2014	0.011	
5/23/2015	0.012	
11/11/2015	0.014	
4/12/2016	0.0135	
6/16/2016	0.014	
8/11/2016	0.013	
10/4/2016	0.014	
11/30/2016	0.013	
2/7/2017	0.013	
4/5/2017	0.014	
6/20/2017	0.013	
10/4/2017	0.015	
3/20/2018	0.013	
10/2/2018	0.014	
3/26/2019	0.013	
9/10/2019	0.018	
3/18/2020	0.014	
9/9/2020	0.014	
4/1/2021	0.014	
8/18/2021	0.014	
2/15/2022	0.011	
8/24/2022	0.014	
2/27/2023	0.014	
8/9/2023	0.017	
3/1/2024	0.014	
8/6/2024	0.016	
2/25/2025		0.013

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-2	GWC-2
5/11/2010	0.0051	
6/19/2010	<0.005	
7/27/2010	0.01	
9/9/2010	0.0072	
4/28/2011	0.0077	
10/28/2011	0.011	
5/3/2012	0.011	
11/9/2012	0.0089	
5/9/2013	0.0089	
11/5/2013	0.011	
5/22/2014	0.01	
11/13/2014	0.0084 (J)	
5/24/2015	0.0095 (J)	
11/11/2015	0.011	
4/12/2016	0.0122	
6/16/2016	0.011	
8/11/2016	0.01	
10/4/2016	0.011	
11/30/2016	0.0098	
2/7/2017	0.0096	
4/6/2017	0.01	
6/20/2017	0.01	
10/4/2017	0.011	
3/20/2018	0.0099	
10/2/2018	0.01	
3/26/2019	0.0096	
9/10/2019	0.014	
3/18/2020	0.011	
9/9/2020	0.01	
4/1/2021	0.0057	
8/12/2021	0.012	
2/15/2022	0.011	
8/26/2022	0.0095	
2/27/2023	0.012	
8/9/2023	0.012	
3/1/2024	0.011	
8/6/2024	0.012	
2/25/2025		0.0092

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-3
5/11/2010	0.01	
6/17/2010	0.0087	
7/28/2010	0.028 (O)	
9/7/2010	0.022	
4/29/2011	0.0099	
10/28/2011	0.0089	
5/3/2012	0.0091	
11/9/2012	0.008	
5/10/2013	0.019	
11/6/2013	0.013	
5/22/2014	0.0093 (J)	
11/9/2014	0.0098 (J)	
5/22/2015	0.01	
11/10/2015	0.011	
4/12/2016	0.00925 (J)	
6/20/2016	0.0076 (J)	
8/12/2016	0.0079	
10/5/2016	0.0085	
11/30/2016	0.0086	
2/8/2017	0.011	
4/6/2017	0.0098	
6/21/2017	0.011	
10/5/2017	0.01	
3/21/2018	0.0093	
10/3/2018	0.0081	
3/26/2019	0.0075	
9/10/2019	0.0092	
3/18/2020	0.0049	
9/10/2020	0.0061	
4/6/2021	0.0074	
8/12/2021	0.0085	
2/15/2022	0.0076	
8/25/2022	0.0072	
2/28/2023	0.01	
8/9/2023	0.013	
3/4/2024	0.014	
8/7/2024	0.018	
2/25/2025		0.015

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
5/11/2010	0.0046 (J)	
6/17/2010	0.007	
7/28/2010	0.0084	
9/8/2010	0.0071	
4/28/2011	0.008	
10/29/2011	0.0054	
5/3/2012	0.0065	
11/10/2012	0.0059	
5/10/2013	0.0083	
11/6/2013	0.0099 (J)	
5/22/2014	0.0049 (J)	
11/9/2014	0.0068 (J)	
5/22/2015	0.0087 (J)	
11/11/2015	0.0084 (J)	
4/12/2016	0.00419 (J)	
6/20/2016	0.0043 (J)	
8/12/2016	0.0037	
10/6/2016	0.0062	
11/30/2016	0.0043	
2/8/2017	0.0052	
4/6/2017	0.005	
6/22/2017	0.0052	
10/6/2017	0.0049	
3/21/2018	0.0062	
10/3/2018	0.0039	
3/26/2019	0.0084	
9/10/2019	0.0067	
3/19/2020	0.0045	
9/10/2020	0.0055	
4/2/2021	0.0052	
8/12/2021	0.0045	
2/15/2022	0.0041	
8/25/2022	0.0038	
2/27/2023	0.0039	
8/8/2023	0.0049	
2/29/2024	0.0038	
8/7/2024	0.0031	
2/25/2025		0.0025

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-5	GWC-5
5/11/2010	0.004 (J)	
6/18/2010	0.0056	
7/27/2010	0.0051	
9/9/2010	0.0037 (J)	
4/29/2011	0.0036 (J)	
10/28/2011	0.0026 (J)	
5/4/2012	0.0031 (J)	
11/10/2012	<0.005	
5/9/2013	0.0033 (J)	
11/6/2013	0.0045 (J)	
5/22/2014	0.0035 (J)	
11/9/2014	0.0062 (J)	
5/24/2015	0.012	
11/11/2015	0.0068 (J)	
4/19/2016	0.00368 (J)	
6/22/2016	0.0031 (J)	
8/16/2016	0.0028	
10/6/2016	0.003	
12/1/2016	0.0022 (J)	
2/9/2017	0.0035	
4/6/2017	0.0032	
6/21/2017	0.0031	
10/5/2017	0.0029	
3/22/2018	0.0086	
10/3/2018	0.003	
3/27/2019	0.0039	
9/11/2019	0.0079	
3/18/2020	0.0052	
9/9/2020	0.0048	
4/1/2021	0.0058	
8/12/2021	0.0053	
2/15/2022	0.0061	
8/25/2022	0.0058	
2/28/2023	0.0068	
8/8/2023	0.0066	
2/29/2024	0.0074	
8/6/2024	0.0067	
2/25/2025		0.0057

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-6	GWC-6
5/11/2010	<0.005	
6/18/2010	0.0063	
7/27/2010	0.004 (J)	
9/9/2010	0.0053	
4/30/2011	0.0035 (J)	
10/29/2011	0.0048 (J)	
5/4/2012	0.0064	
11/10/2012	0.0084	
5/9/2013	0.0041 (J)	
11/7/2013	0.0077 (J)	
5/21/2014	0.0044 (J)	
11/9/2014	0.0071 (J)	
5/24/2015	0.01	
11/11/2015	0.0053 (J)	
4/12/2016	0.00493 (J)	
6/20/2016	0.0043 (J)	
8/12/2016	0.0037	
10/6/2016	0.004	
11/30/2016	0.0035	
2/9/2017	0.0041	
4/6/2017	0.0038	
6/21/2017	0.004	
10/6/2017	0.0038	
3/21/2018	0.012	
10/3/2018	0.0042	
3/26/2019	0.0044	
9/11/2019	0.0078	
3/18/2020	0.0046	
9/10/2020	0.0049	
4/5/2021	0.005	
8/11/2021	0.005	
2/15/2022	0.0046	
8/25/2022	0.0046	
2/27/2023	0.0047	
8/8/2023	0.0048	
2/29/2024	0.0051	
8/7/2024	0.0046	
2/24/2025		0.0054

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-7	GWC-7
5/10/2010	0.007	
6/18/2010	0.011	
7/28/2010	0.0092	
9/9/2010	0.01	
4/30/2011	0.012	
10/29/2011	0.012	
5/4/2012	0.013	
11/10/2012	0.0097	
5/9/2013	0.013	
11/7/2013	0.013	
5/21/2014	0.0091 (J)	
11/12/2014	0.0097 (J)	
5/24/2015	0.018	
11/11/2015	0.0086 (J)	
4/13/2016	0.00924 (J)	
6/20/2016	0.0084 (J)	
8/15/2016	0.0083	
10/6/2016	0.0081	
12/1/2016	0.0083	
2/9/2017	0.0087	
4/7/2017	0.009	
6/22/2017	0.0092	
10/6/2017	0.0095	
3/22/2018	0.0086	
10/4/2018	0.0083	
3/27/2019	0.0088	
9/11/2019	0.013	
3/19/2020	0.011	
9/10/2020	0.0098	
4/1/2021	0.0091	
8/11/2021	0.0092	
2/15/2022	0.0088	
8/25/2022	0.0085	
2/27/2023	0.0092	
8/8/2023	0.0094	
2/29/2024	0.012	
8/6/2024	0.02	
11/6/2024	0.02	
2/24/2025		0.024

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-8A
5/10/2010	<0.002	
6/19/2010	<0.002	
7/28/2010	0.0034 (J)	
9/8/2010	0.014	
4/30/2011	0.022	
10/27/2011	0.0064	
5/4/2012	0.059 (o)	
11/11/2012	0.011	
5/10/2013	0.038 (O)	
11/7/2013	0.012	
5/21/2014	0.0048 (J)	
11/13/2014	0.023	
5/23/2015	0.015	
11/11/2015	0.016	
4/19/2016	0.0086 (J)	
10/10/2016	0.0052	
12/1/2016	0.0062	
2/9/2017	0.0091	
4/7/2017	<0.002	
6/21/2017	<0.002	
8/15/2017	<0.002	
9/1/2017	<0.002	
10/9/2017	<0.002	
3/22/2018	0.0079	
10/4/2018	<0.002	
3/27/2019	<0.002	
9/11/2019	0.0052	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/5/2021	<0.002	
8/12/2021	<0.002	
2/15/2022	<0.002	
8/25/2022	<0.002	
2/27/2023	<0.002	
8/8/2023	0.0013 (J)	
2/29/2024	<0.002	
8/6/2024	<0.002	
2/24/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-9	GWC-9
5/10/2010	0.0097	
6/16/2010	0.0074	
7/27/2010	0.0068	
9/8/2010	0.007	
4/29/2011	0.0062	
10/27/2011	0.0084	
5/3/2012	0.0099	
11/11/2012	0.0073	
5/9/2013	0.0085	
11/6/2013	0.013	
5/21/2014	0.0097 (J)	
11/12/2014	0.0072 (J)	
5/23/2015	0.0095 (J)	
11/12/2015	0.0046 (J)	
4/13/2016	0.00627 (J)	
6/22/2016	0.0079 (J)	
8/15/2016	0.0075	
10/6/2016	0.0071	
12/1/2016	0.007	
2/8/2017	0.0047	
4/6/2017	0.006	
6/21/2017	0.0071	
10/5/2017	0.008	
3/21/2018	0.0046	
10/2/2018	0.0081	
3/27/2019	0.0064	
9/11/2019	0.012	
3/18/2020	0.0066	
9/9/2020	0.0081	
4/1/2021	0.0018 (J)	
8/12/2021	0.0077	
2/15/2022	0.0079	
8/25/2022	0.0092	
2/27/2023	0.0094	
8/8/2023	0.0085	
3/1/2024	0.0092	
8/6/2024	0.0084	
2/24/2025		0.0029

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-10	GWC-10
5/10/2010	0.011	
6/16/2010	0.0095	
7/28/2010	0.01	
9/8/2010	0.011	
4/29/2011	0.0096	
10/27/2011	0.011	
5/4/2012	0.01	
11/11/2012	0.01	
5/9/2013	0.011	
11/5/2013	0.015	
5/21/2014	0.013	
11/12/2014	0.012	
5/23/2015	0.014	
11/12/2015	0.016	
4/13/2016	0.0152	
6/21/2016	0.016	
8/15/2016	0.015	
10/5/2016	0.016	
12/1/2016	0.015	
2/8/2017	0.017	
4/6/2017	0.018	
6/21/2017	0.017	
10/5/2017	0.018	
3/21/2018	0.017	
10/2/2018	0.018	
3/27/2019	0.017	
9/11/2019	0.023	
3/18/2020	0.02	
9/9/2020	0.018	
4/1/2021	0.02	
8/17/2021	0.042 (o)	
10/18/2021	0.019	
2/15/2022	0.021	
8/25/2022	0.018	
2/21/2023	0.02	
8/9/2023	0.022	
3/1/2024	0.019	
8/6/2024	0.018	
2/24/2025		0.017

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-11	GWC-11
5/10/2010	0.011	
6/16/2010	0.012	
7/27/2010	0.012	
9/8/2010	0.011	
4/29/2011	0.01	
10/27/2011	0.0077	
5/4/2012	0.0082	
11/10/2012	0.007	
5/9/2013	0.0079	
11/6/2013	0.011	
5/20/2014	0.0076 (J)	
11/12/2014	0.0071 (J)	
5/24/2015	0.0083 (J)	
11/12/2015	0.0069 (J)	
4/13/2016	0.00804 (J)	
6/21/2016	0.0086 (J)	
8/15/2016	0.0073	
10/5/2016	0.0077	
12/1/2016	0.0075	
2/8/2017	0.0078	
4/6/2017	0.0079	
6/20/2017	0.0078	
10/5/2017	0.0081	
3/21/2018	0.0081	
10/2/2018	0.0075	
3/27/2019	0.007	
9/11/2019	0.011	
3/18/2020	0.0086	
9/10/2020	0.009	
4/1/2021	0.0078	
8/11/2021	0.0078	
2/16/2022	0.0074	
8/25/2022	0.0069	
2/27/2023	0.0082	
8/9/2023	0.0087	
2/29/2024	0.0086	
8/6/2024	0.0072	
2/24/2025		0.0079

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-12	GWC-12
5/9/2010	<0.002	
6/18/2010	<0.002	
7/27/2010	0.002 (J)	
9/8/2010	<0.002	
4/29/2011	<0.002	
10/28/2011	<0.002	
5/3/2012	<0.002	
11/10/2012	<0.002	
5/9/2013	<0.002	
11/6/2013	0.0031 (J)	
5/20/2014	0.002 (J)	
11/12/2014	<0.002	
5/23/2015	0.0027 (J)	
11/12/2015	0.0022 (J)	
4/13/2016	<0.002	
6/21/2016	0.0012 (J)	
8/15/2016	0.0021 (J)	
10/5/2016	0.0013 (J)	
12/1/2016	0.0015 (J)	
2/8/2017	0.0016 (J)	
4/5/2017	0.0014 (J)	
6/20/2017	0.0015 (J)	
10/5/2017	0.0015 (J)	
3/21/2018	0.0014 (J)	
10/2/2018	0.0012 (J)	
3/26/2019	0.0013 (J)	
9/11/2019	0.0036	
3/18/2020	0.0016 (J)	
9/10/2020	<0.002	
4/1/2021	0.0015 (J)	
8/11/2021	<0.002	
2/16/2022	<0.002	
8/26/2022	<0.002	
2/27/2023	0.002	
8/9/2023	0.0026	
2/29/2024	0.0021	
8/6/2024	0.0014 (J)	
2/24/2025		0.0012 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-13
5/9/2010	0.0051	
6/18/2010	0.0043 (J)	
7/29/2010	0.0058	
9/9/2010	0.0052	
4/26/2011	0.0025 (J)	
10/28/2011	0.0035 (J)	
5/4/2012	0.0073	
11/11/2012	0.004 (J)	
5/8/2013	0.006	
11/7/2013	0.0068 (J)	
5/20/2014	0.0039 (J)	
11/12/2014	0.0039 (J)	
5/24/2015	0.004 (J)	
11/12/2015	0.0077 (J)	
4/13/2016	0.0038 (J)	
6/21/2016	0.0035 (J)	
8/15/2016	0.0034	
10/7/2016	0.0037	
12/1/2016	0.0037	
2/9/2017	0.0038	
4/6/2017	0.0039	
6/22/2017	0.0042	
10/6/2017	0.0039	
3/22/2018	0.028 (O)	
10/3/2018	0.0056	
3/26/2019	0.0048	
9/11/2019	0.0075	
3/18/2020	0.008	
9/10/2020	0.0054	
4/6/2021	0.0061	
8/11/2021	0.0051	
2/16/2022	0.005	
8/26/2022	0.0043	
2/27/2023	0.006	
8/9/2023	0.0066	
3/1/2024	0.0059	
8/6/2024	0.0045	
2/24/2025		0.0053

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-14	GWC-14
5/9/2010	<0.002	
6/18/2010	<0.002	
7/28/2010	<0.002	
9/9/2010	<0.002	
4/30/2011	<0.002	
10/28/2011	<0.002	
5/3/2012	<0.002	
11/10/2012	<0.002	
5/8/2013	<0.002	
11/5/2013	0.0036 (J)	
5/20/2014	<0.002	
11/12/2014	<0.002	
5/24/2015	<0.002	
11/11/2015	<0.002	
4/13/2016	<0.002	
6/21/2016	0.0006 (J)	
8/15/2016	<0.002	
10/4/2016	<0.002	
12/1/2016	<0.002	
2/7/2017	<0.002	
4/6/2017	<0.002	
6/20/2017	<0.002	
10/5/2017	<0.002	
3/20/2018	<0.002	
10/2/2018	<0.002	
3/26/2019	<0.002	
9/11/2019	0.0038	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/1/2021	<0.002	
8/11/2021	<0.002	
2/16/2022	<0.002	
8/26/2022	<0.002	
2/27/2023	<0.002	
8/9/2023	0.0018 (J)	
3/1/2024	0.0022	
8/8/2024	<0.002	
2/25/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-18	GWC-18
5/10/2010	0.012	
6/16/2010	0.014	
7/26/2010	0.013	
9/7/2010	0.015	
4/29/2011	0.014	
10/28/2011	0.014	
5/2/2012	0.017	
11/9/2012	0.014	
5/8/2013	0.017	
11/6/2013	0.017	
5/23/2014	0.013	
11/8/2014	0.018	
5/22/2015	0.02	
11/10/2015	0.013	
4/11/2016	0.0139	
6/16/2016	0.014	
8/11/2016	0.016	
10/5/2016	0.014	
11/29/2016	0.013	
2/8/2017	0.013	
4/6/2017	0.014	
6/21/2017	0.013	
10/5/2017	0.014	
3/20/2018	0.014	
10/2/2018	0.014	
3/26/2019	0.014	
9/11/2019	0.017	
3/18/2020	0.014	
9/9/2020	0.013	
4/1/2021	0.014	
8/11/2021	0.014	
2/16/2022	0.012	
8/25/2022	0.012	
2/28/2023	0.012	
8/9/2023	0.014	
2/29/2024	0.013	
8/6/2024	0.013	
2/25/2025		0.011

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-19	GWC-19
5/11/2010	0.0039 (J)	
6/16/2010	0.0049 (J)	
7/27/2010	0.0047 (J)	
9/7/2010	0.0057	
4/29/2011	0.0087	
10/28/2011	0.0075	
5/2/2012	0.011	
11/9/2012	0.0076	
5/9/2013	0.0088	
11/6/2013	0.011	
5/22/2014	0.0057 (J)	
11/8/2014	0.013	
5/22/2015	0.014	
11/10/2015	0.0091 (J)	
4/11/2016	0.00767 (J)	
6/16/2016	0.0082 (J)	
8/11/2016	0.0085	
10/5/2016	0.01	
11/29/2016	0.0087	
2/8/2017	0.0093	
4/5/2017	0.0098	
6/21/2017	0.0094	
10/5/2017	0.0096	
3/20/2018	0.0097	
10/2/2018	0.0097	
3/26/2019	0.0091	
9/12/2019	0.012	
3/19/2020	0.012	
9/9/2020	0.011	
4/5/2021	0.012	
8/11/2021	0.013	
2/16/2022	0.011	
8/25/2022	0.015	
2/28/2023	0.014	
8/8/2023	0.014	
2/29/2024	0.015	
8/6/2024	0.015	
2/25/2025		0.016

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-20	GWC-20
5/11/2010	0.0063	
6/17/2010	0.0053	
7/27/2010	0.0064	
9/7/2010	0.0078	
4/29/2011	0.0065	
10/28/2011	0.0092	
5/3/2012	0.011	
11/10/2012	0.0073	
5/9/2013	0.0098	
11/6/2013	0.011	
5/22/2014	0.0097 (J)	
11/9/2014	0.012	
5/22/2015	0.016	
11/10/2015	0.0088 (J)	
4/12/2016	0.00965 (J)	
6/16/2016	0.0087 (J)	
8/11/2016	0.0083	
10/5/2016	0.0094	
11/30/2016	0.0084	
2/8/2017	0.0091	
4/6/2017	0.011	
6/21/2017	0.0081	
10/5/2017	0.0083	
3/21/2018	0.0085	
10/3/2018	0.0091	
3/26/2019	0.0092	
9/12/2019	0.011	
3/19/2020	0.0094	
9/10/2020	0.009	
4/5/2021	0.008	
8/11/2021	0.0087	
2/16/2022	0.0081	
8/25/2022	0.0079	
2/28/2023	0.009	
8/8/2023	0.01	
3/1/2024	0.0088	
8/6/2024	0.0088	
2/25/2025		0.0084

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15	GWA-15
5/9/2010	<0.0025	
6/18/2010	<0.0025	
7/28/2010	<0.0025	
9/9/2010	<0.0025	
4/30/2011	<0.0025	
10/28/2011	<0.0025	
5/2/2012	<0.0025	
11/9/2012	<0.0025	
5/8/2013	<0.0025	
11/5/2013	<0.0025	
5/20/2014	<0.0025	
11/12/2014	<0.0025	
5/22/2015	<0.0025	
11/11/2015	<0.0025	
4/6/2016	0.00261 (JO)	
6/15/2016	0.00092 (J)	
8/10/2016	0.00076 (J)	
10/4/2016	0.00081 (J)	
11/30/2016	0.00061 (J)	
2/7/2017	<0.0025	
4/4/2017	0.00084 (J)	
6/20/2017	0.0012 (J)	
10/4/2017	0.00087 (J)	
3/20/2018	0.0018 (J)	
10/2/2018	0.0011 (J)	
3/26/2019	0.0019 (J)	
9/10/2019	0.0012 (J)	
3/18/2020	0.0017 (J)	
9/9/2020	0.0016 (J)	
4/1/2021	0.0024 (J)	
8/11/2021	0.0011 (J)	
2/15/2022	0.0029	
8/25/2022	0.0014 (J)	
2/28/2023	0.0026	
8/3/2023	0.0017 (J)	
3/4/2024	0.0026	
8/6/2024	0.001 (J)	
2/25/2025		0.0013 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-16	GWA-16
5/9/2010	<0.0025	
6/16/2010	<0.0025	
7/27/2010	<0.0025	
9/7/2010	<0.0025	
4/29/2011	0.003 (JO)	
10/28/2011	<0.0025	
5/2/2012	<0.0025	
11/9/2012	<0.0025	
5/8/2013	<0.0025	
11/6/2013	<0.0025	
5/20/2014	<0.0025	
11/8/2014	<0.0025	
5/22/2015	<0.0025	
11/9/2015	<0.0025	
4/6/2016	<0.0025	
6/15/2016	2.2E-05 (J)	
8/10/2016	<0.0025	
10/4/2016	<0.0025	
11/29/2016	<0.0025	
2/7/2017	<0.0025	
4/4/2017	<0.0025	
6/20/2017	<0.0025	
10/5/2017	<0.0025	
3/20/2018	<0.0025	
10/2/2018	<0.0025	
3/26/2019	<0.0025	
9/10/2019	0.00031 (J)	
3/18/2020	0.00034 (J)	
9/9/2020	<0.0025	
4/1/2021	0.00014 (J)	
8/11/2021	<0.0025	
2/15/2022	<0.0025	
8/25/2022	<0.0025	
2/28/2023	<0.0025	
8/3/2023	<0.0025	
2/28/2024	<0.0025	
8/6/2024	<0.0025	
2/25/2025		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17	GWA-17
5/8/2010	<0.0025	
6/16/2010	<0.0025	
7/26/2010	<0.0025	
9/7/2010	<0.0025	
4/29/2011	<0.0025	
10/28/2011	<0.0025	
5/2/2012	<0.0025	
11/9/2012	<0.0025	
5/8/2013	<0.0025	
11/6/2013	<0.0025	
5/20/2014	<0.0025	
11/8/2014	<0.0025	
5/22/2015	<0.0025	
11/9/2015	<0.0025	
4/6/2016	<0.0025	
6/15/2016	8.4E-05 (J)	
8/10/2016	<0.0025	
10/5/2016	<0.0025	
11/29/2016	<0.0025	
2/7/2017	<0.0025	
4/4/2017	<0.0025	
6/20/2017	<0.0025	
10/5/2017	<0.0025	
3/20/2018	<0.0025	
10/2/2018	<0.0025	
3/26/2019	<0.0025	
9/10/2019	0.00052 (J)	
3/18/2020	<0.0025	
9/9/2020	0.00019 (J)	
4/1/2021	<0.0025	
8/11/2021	<0.0025	
2/15/2022	<0.0025	
8/24/2022	<0.0025	
2/28/2023	<0.0025	
8/3/2023	<0.0025	
2/28/2024	<0.0025	
8/6/2024	<0.0025	
2/26/2025		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-1	GWC-1
5/11/2010	<0.0025	
6/17/2010	<0.0025	
7/27/2010	<0.0025	
9/9/2010	<0.0025	
4/28/2011	<0.0025	
10/29/2011	<0.0025	
5/3/2012	<0.0025	
11/9/2012	<0.0025	
5/9/2013	<0.0025	
11/5/2013	<0.0025	
5/23/2014	<0.0025	
11/13/2014	<0.0025	
5/23/2015	<0.0025	
11/11/2015	<0.0025	
4/12/2016	<0.0025	
6/16/2016	2E-05 (J)	
8/11/2016	<0.0025	
10/4/2016	<0.0025	
11/30/2016	<0.0025	
2/7/2017	<0.0025	
4/5/2017	<0.0025	
6/20/2017	<0.0025	
10/4/2017	<0.0025	
3/20/2018	<0.0025	
10/2/2018	<0.0025	
3/26/2019	<0.0025	
9/10/2019	<0.0025	
3/18/2020	0.00017 (J)	
9/9/2020	<0.0025	
4/1/2021	<0.0025	
8/18/2021	0.00025 (J)	
2/15/2022	<0.0025	
8/24/2022	<0.0025	
2/27/2023	<0.0025	
8/9/2023	<0.0025	
3/1/2024	<0.0025	
8/6/2024	<0.0025	
2/25/2025		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-2	GWC-2
5/11/2010	<0.0025	
6/19/2010	<0.0025	
7/27/2010	<0.0025	
9/9/2010	<0.0025	
4/28/2011	<0.0025	
10/28/2011	<0.0025	
5/3/2012	<0.0025	
11/9/2012	<0.0025	
5/9/2013	<0.0025	
11/5/2013	<0.0025	
5/22/2014	<0.0025	
11/13/2014	<0.0025	
5/24/2015	<0.0025	
11/11/2015	<0.0025	
4/12/2016	<0.0025	
6/16/2016	1.1E-05 (J)	
8/11/2016	<0.0025	
10/4/2016	<0.0025	
11/30/2016	<0.0025	
2/7/2017	<0.0025	
4/6/2017	<0.0025	
6/20/2017	<0.0025	
10/4/2017	<0.0025	
3/20/2018	<0.0025	
10/2/2018	<0.0025	
3/26/2019	<0.0025	
9/10/2019	0.00015 (J)	
3/18/2020	<0.0025	
9/9/2020	<0.0025	
4/1/2021	<0.0025	
8/12/2021	0.0002 (J)	
2/15/2022	<0.0025	
8/26/2022	<0.0025	
2/27/2023	<0.0025	
8/9/2023	<0.0025	
3/1/2024	<0.0025	
8/6/2024	<0.0025	
2/25/2025		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-3
5/11/2010	<0.0025	
6/17/2010	<0.0025	
7/28/2010	0.0034 (JO)	
9/7/2010	<0.0025	
4/29/2011	0.0037 (JO)	
10/28/2011	<0.0025	
5/3/2012	<0.0025	
11/9/2012	<0.0025	
5/10/2013	<0.0025	
11/6/2013	<0.0025	
5/22/2014	<0.0025	
11/9/2014	<0.0025	
5/22/2015	<0.0025	
11/10/2015	<0.0025	
4/12/2016	<0.0025	
6/20/2016	0.0001 (J)	
8/12/2016	0.00042 (J)	
10/5/2016	<0.0025	
11/30/2016	<0.0025	
2/8/2017	<0.0025	
4/6/2017	<0.0025	
6/21/2017	0.00042 (J)	
10/5/2017	<0.0025	
3/21/2018	<0.0025	
10/3/2018	<0.0025	
3/26/2019	<0.0025	
9/10/2019	0.00028 (J)	
3/18/2020	0.00014 (J)	
9/10/2020	0.00023 (J)	
4/6/2021	0.00031 (J)	
8/12/2021	0.00067 (J)	
2/15/2022	<0.0025	
8/25/2022	0.00046 (J)	
2/28/2023	<0.0025	
8/9/2023	<0.0025	
3/4/2024	<0.0025	
8/7/2024	0.00023 (J)	
2/25/2025		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
5/11/2010	<0.0025	
6/17/2010	<0.0025	
7/28/2010	<0.0025	
9/8/2010	<0.0025	
4/28/2011	<0.0025	
10/29/2011	<0.0025	
5/3/2012	<0.0025	
11/10/2012	<0.0025	
5/10/2013	<0.0025	
11/6/2013	<0.0025	
5/22/2014	<0.0025	
11/9/2014	<0.0025	
5/22/2015	<0.0025	
11/11/2015	<0.0025	
4/12/2016	<0.0025	
6/20/2016	0.00016 (J)	
8/12/2016	<0.0025	
10/6/2016	0.00068 (J)	
11/30/2016	<0.0025	
2/8/2017	<0.0025	
4/6/2017	<0.0025	
6/22/2017	<0.0025	
10/6/2017	<0.0025	
3/21/2018	<0.0025	
10/3/2018	<0.0025	
3/26/2019	0.00096 (J)	
9/10/2019	<0.0025	
3/19/2020	0.00021 (J)	
9/10/2020	0.00032 (J)	
4/2/2021	0.00026 (J)	
8/12/2021	<0.0025	
2/15/2022	<0.0025	
8/25/2022	<0.0025	
2/27/2023	<0.0025	
8/8/2023	<0.0025	
2/29/2024	<0.0025	
8/7/2024	<0.0025	
2/25/2025		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-5	GWC-5
5/11/2010	<0.0025	
6/18/2010	<0.0025	
7/27/2010	<0.0025	
9/9/2010	<0.0025	
4/29/2011	<0.0025	
10/28/2011	<0.0025	
5/4/2012	<0.0025	
11/10/2012	<0.0025	
5/9/2013	<0.0025	
11/6/2013	<0.0025	
5/22/2014	<0.0025	
11/9/2014	<0.0025	
5/24/2015	<0.0025	
11/11/2015	<0.0025	
4/19/2016	<0.0025	
6/22/2016	<0.0025	
8/16/2016	<0.0025	
10/6/2016	<0.0025	
12/1/2016	<0.0025	
2/9/2017	<0.0025	
4/6/2017	<0.0025	
6/21/2017	<0.0025	
10/5/2017	<0.0025	
3/22/2018	<0.0025	
10/3/2018	<0.0025	
3/27/2019	<0.0025	
9/11/2019	9.9E-05 (J)	
3/18/2020	<0.0025	
9/9/2020	<0.0025	
4/1/2021	<0.0025	
8/12/2021	<0.0025	
2/15/2022	<0.0025	
8/25/2022	<0.0025	
2/28/2023	<0.0025	
8/8/2023	<0.0025	
2/29/2024	<0.0025	
8/6/2024	<0.0025	
2/25/2025		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-6	GWC-6
5/11/2010	<0.0025	
6/18/2010	<0.0025	
7/27/2010	<0.0025	
9/9/2010	<0.0025	
4/30/2011	<0.0025	
10/29/2011	<0.0025	
5/4/2012	<0.0025	
11/10/2012	<0.0025	
5/9/2013	<0.0025	
11/7/2013	<0.0025	
5/21/2014	<0.0025	
11/9/2014	<0.0025	
5/24/2015	<0.0025	
11/11/2015	<0.0025	
4/12/2016	<0.0025	
6/20/2016	3E-05 (J)	
8/12/2016	<0.0025	
10/6/2016	<0.0025	
11/30/2016	<0.0025	
2/9/2017	<0.0025	
4/6/2017	<0.0025	
6/21/2017	<0.0025	
10/6/2017	<0.0025	
3/21/2018	<0.0025	
10/3/2018	<0.0025	
3/26/2019	<0.0025	
9/11/2019	8.7E-05 (J)	
3/18/2020	<0.0025	
9/10/2020	<0.0025	
4/5/2021	0.00015 (J)	
8/11/2021	<0.0025	
2/15/2022	<0.0025	
8/25/2022	<0.0025	
2/27/2023	<0.0025	
8/8/2023	<0.0025	
2/29/2024	<0.0025	
8/7/2024	<0.0025	
2/24/2025		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-7	GWC-7
5/10/2010	<0.0025	
6/18/2010	<0.0025	
7/28/2010	<0.0025	
9/9/2010	<0.0025	
4/30/2011	<0.0025	
10/29/2011	<0.0025	
5/4/2012	<0.0025	
11/10/2012	<0.0025	
5/9/2013	<0.0025	
11/7/2013	<0.0025	
5/21/2014	<0.0025	
11/12/2014	<0.0025	
5/24/2015	<0.0025	
11/11/2015	<0.0025	
4/13/2016	<0.0025	
6/20/2016	8.6E-05 (J)	
8/15/2016	<0.0025	
10/6/2016	<0.0025	
12/1/2016	<0.0025	
2/9/2017	<0.0025	
4/7/2017	<0.0025	
6/22/2017	<0.0025	
10/6/2017	<0.0025	
3/22/2018	<0.0025	
10/4/2018	<0.0025	
3/27/2019	<0.0025	
9/11/2019	0.00016 (J)	
3/19/2020	0.00013 (J)	
9/10/2020	0.00038 (J)	
4/1/2021	0.00015 (J)	
8/11/2021	<0.0025	
2/15/2022	<0.0025	
8/25/2022	<0.0025	
2/27/2023	<0.0025	
8/8/2023	<0.0025	
2/29/2024	<0.0025	
8/6/2024	<0.0025	
2/24/2025		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-8A
5/10/2010	<0.0025	
6/19/2010	<0.0025	
7/28/2010	<0.0025	
9/8/2010	<0.0025	
4/30/2011	0.0063 (JO)	
10/27/2011	<0.0025	
5/4/2012	<0.0025	
11/11/2012	<0.0025	
5/10/2013	0.0068 (JO)	
11/7/2013	<0.0025	
5/21/2014	<0.0025	
11/13/2014	0.0046 (J)	
5/23/2015	<0.0025	
11/11/2015	<0.0025	
4/19/2016	<0.0025	
10/10/2016	<0.0025	
12/1/2016	0.00068 (J)	
2/9/2017	0.0009 (J)	
4/7/2017	0.0011 (J)	
6/21/2017	0.00064 (J)	
8/15/2017	0.001 (J)	
9/1/2017	0.00089 (J)	
10/9/2017	0.00085 (J)	
3/22/2018	<0.0025 (O)	
10/4/2018	0.00048 (J)	
3/27/2019	0.0012 (J)	
9/11/2019	0.00085 (J)	
3/18/2020	0.0027	
9/9/2020	0.0043	
4/5/2021	0.0026	
8/12/2021	0.0019 (J)	
2/15/2022	0.0037	
8/25/2022	0.0021 (J)	
2/27/2023	0.004	
8/8/2023	0.0044	
2/29/2024	0.0031	
8/6/2024	0.0017 (J)	
2/24/2025		0.0018 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-9	GWC-9
5/10/2010	<0.0025	
6/16/2010	<0.0025	
7/27/2010	<0.0025	
9/8/2010	<0.0025	
4/29/2011	<0.0025	
10/27/2011	<0.0025	
5/3/2012	<0.0025	
11/11/2012	<0.0025	
5/9/2013	<0.0025	
11/6/2013	<0.0025	
5/21/2014	<0.0025	
11/12/2014	<0.0025	
5/23/2015	<0.0025	
11/12/2015	<0.0025	
4/13/2016	<0.0025	
6/22/2016	<0.0025	
8/15/2016	<0.0025	
10/6/2016	<0.0025	
12/1/2016	<0.0025	
2/8/2017	<0.0025	
4/6/2017	<0.0025	
6/21/2017	<0.0025	
10/5/2017	<0.0025	
3/21/2018	<0.0025	
10/2/2018	<0.0025	
3/27/2019	<0.0025	
9/11/2019	0.00016 (J)	
3/18/2020	<0.0025	
9/9/2020	0.00023 (J)	
4/1/2021	0.00015 (J)	
8/12/2021	0.00013 (J)	
2/15/2022	<0.0025	
8/25/2022	0.00053 (J)	
2/27/2023	<0.0025	
8/8/2023	<0.0025	
3/1/2024	<0.0025	
8/6/2024	<0.0025	
2/24/2025		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-10	GWC-10
5/10/2010	<0.0025	
6/16/2010	<0.0025	
7/28/2010	<0.0025	
9/8/2010	<0.0025	
4/29/2011	<0.0025	
10/27/2011	<0.0025	
5/4/2012	<0.0025	
11/11/2012	<0.0025	
5/9/2013	<0.0025	
11/5/2013	<0.0025	
5/21/2014	<0.0025	
11/12/2014	<0.0025	
5/23/2015	<0.0025	
11/12/2015	<0.0025	
4/13/2016	<0.0025	
6/21/2016	<0.0025	
8/15/2016	<0.0025	
10/5/2016	<0.0025	
12/1/2016	<0.0025	
2/8/2017	<0.0025	
4/6/2017	<0.0025	
6/21/2017	<0.0025	
10/5/2017	<0.0025	
3/21/2018	<0.0025	
10/2/2018	<0.0025	
3/27/2019	<0.0025	
9/11/2019	<0.0025	
3/18/2020	<0.0025	
9/9/2020	<0.0025	
4/1/2021	<0.0025	
8/17/2021	0.0035	
10/18/2021	<0.0025	
2/15/2022	<0.0025	
8/25/2022	<0.0025	
2/21/2023	<0.0025	
8/9/2023	<0.0025	
3/1/2024	<0.0025	
8/6/2024	<0.0025	
2/24/2025		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-11	GWC-11
5/10/2010	<0.0025	
6/16/2010	<0.0025	
7/27/2010	<0.0025	
9/8/2010	<0.0025	
4/29/2011	<0.0025	
10/27/2011	<0.0025	
5/4/2012	<0.0025	
11/10/2012	<0.0025	
5/9/2013	<0.0025	
11/6/2013	<0.0025	
5/20/2014	<0.0025	
11/12/2014	<0.0025	
5/24/2015	<0.0025	
11/12/2015	<0.0025	
4/13/2016	<0.0025	
6/21/2016	<0.0025	
8/15/2016	<0.0025	
10/5/2016	<0.0025	
12/1/2016	<0.0025	
2/8/2017	<0.0025	
4/6/2017	<0.0025	
6/20/2017	<0.0025	
10/5/2017	<0.0025	
3/21/2018	<0.0025	
10/2/2018	<0.0025	
3/27/2019	<0.0025	
9/11/2019	<0.0025	
3/18/2020	<0.0025	
9/10/2020	0.00033 (J)	
4/1/2021	<0.0025	
8/11/2021	<0.0025	
2/16/2022	<0.0025	
8/25/2022	<0.0025	
2/27/2023	<0.0025	
8/9/2023	<0.0025	
2/29/2024	<0.0025	
8/6/2024	<0.0025	
2/24/2025		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-12	GWC-12
5/9/2010	<0.0025	
6/18/2010	<0.0025	
7/27/2010	<0.0025	
9/8/2010	<0.0025	
4/29/2011	<0.0025	
10/28/2011	<0.0025	
5/3/2012	<0.0025	
11/10/2012	<0.0025	
5/9/2013	<0.0025	
11/6/2013	<0.0025	
5/20/2014	<0.0025	
11/12/2014	<0.0025	
5/23/2015	<0.0025	
11/12/2015	<0.0025	
4/13/2016	<0.0025	
6/21/2016	0.0004 (J)	
8/15/2016	0.00042 (J)	
10/5/2016	0.00049 (J)	
12/1/2016	<0.0025	
2/8/2017	<0.0025	
4/5/2017	<0.0025	
6/20/2017	0.0004 (J)	
10/5/2017	0.00041 (J)	
3/21/2018	<0.0025	
10/2/2018	<0.0025	
3/26/2019	<0.0025	
9/11/2019	0.00042 (J)	
3/18/2020	0.00013 (J)	
9/10/2020	0.00057 (J)	
4/1/2021	0.00028 (J)	
8/11/2021	0.00033 (J)	
2/16/2022	0.00033 (J)	
8/26/2022	0.00033 (J)	
2/27/2023	<0.0025	
8/9/2023	0.00035 (J)	
2/29/2024	0.00027 (J)	
8/6/2024	0.00029 (J)	
2/24/2025		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-18	GWC-18
5/10/2010	<0.0025	
6/16/2010	<0.0025	
7/26/2010	<0.0025	
9/7/2010	<0.0025	
4/29/2011	<0.0025	
10/28/2011	<0.0025	
5/2/2012	<0.0025	
11/9/2012	<0.0025	
5/8/2013	<0.0025	
11/6/2013	<0.0025	
5/23/2014	<0.0025	
11/8/2014	<0.0025	
5/22/2015	0.0032 (JO)	
11/10/2015	<0.0025	
4/11/2016	<0.0025	
6/16/2016	8E-05 (J)	
8/11/2016	<0.0025	
10/5/2016	<0.0025	
11/29/2016	<0.0025	
2/8/2017	<0.0025	
4/6/2017	<0.0025	
6/21/2017	<0.0025	
10/5/2017	<0.0025	
3/20/2018	<0.0025	
10/2/2018	<0.0025	
3/26/2019	<0.0025	
9/11/2019	0.00023 (J)	
3/18/2020	0.00018 (J)	
9/9/2020	0.00014 (J)	
4/1/2021	<0.0025	
8/11/2021	0.00021 (J)	
2/16/2022	<0.0025	
8/25/2022	<0.0025	
2/28/2023	<0.0025	
8/9/2023	<0.0025	
2/29/2024	<0.0025	
8/6/2024	<0.0025	
2/25/2025		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-19	GWC-19
5/11/2010	<0.0025	
6/16/2010	<0.0025	
7/27/2010	<0.0025	
9/7/2010	<0.0025	
4/29/2011	<0.0025	
10/28/2011	<0.0025	
5/2/2012	<0.0025	
11/9/2012	<0.0025	
5/9/2013	<0.0025	
11/6/2013	<0.0025	
5/22/2014	<0.0025	
11/8/2014	<0.0025	
5/22/2015	<0.0025	
11/10/2015	<0.0025	
4/11/2016	<0.0025	
6/16/2016	9.8E-05 (J)	
8/11/2016	<0.0025	
10/5/2016	<0.0025	
11/29/2016	<0.0025	
2/8/2017	<0.0025	
4/5/2017	<0.0025	
6/21/2017	<0.0025	
10/5/2017	<0.0025	
3/20/2018	<0.0025	
10/2/2018	<0.0025	
3/26/2019	<0.0025	
9/12/2019	0.00021 (J)	
3/19/2020	0.00014 (J)	
9/9/2020	<0.0025	
4/5/2021	<0.0025	
8/11/2021	<0.0025	
2/16/2022	<0.0025	
8/25/2022	<0.0025	
2/28/2023	<0.0025	
8/8/2023	<0.0025	
2/29/2024	<0.0025	
8/6/2024	<0.0025	
2/25/2025		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-20	GWC-20
5/11/2010	<0.0025	
6/17/2010	<0.0025	
7/27/2010	<0.0025	
9/7/2010	<0.0025	
4/29/2011	<0.0025	
10/28/2011	<0.0025	
5/3/2012	<0.0025	
11/10/2012	<0.0025	
5/9/2013	<0.0025	
11/6/2013	<0.0025	
5/22/2014	<0.0025	
11/9/2014	<0.0025	
5/22/2015	<0.0025	
11/10/2015	<0.0025	
4/12/2016	<0.0025	
6/16/2016	0.00012 (J)	
8/11/2016	<0.0025	
10/5/2016	<0.0025	
11/30/2016	<0.0025	
2/8/2017	<0.0025	
4/6/2017	0.0005 (J)	
6/21/2017	<0.0025	
10/5/2017	<0.0025	
3/21/2018	<0.0025	
10/3/2018	<0.0025	
3/26/2019	<0.0025	
9/12/2019	0.00021 (J)	
3/19/2020	0.00026 (J)	
9/10/2020	0.00018 (J)	
4/5/2021	<0.0025	
8/11/2021	<0.0025	
2/16/2022	<0.0025	
8/25/2022	<0.0025	
2/28/2023	<0.0025	
8/8/2023	<0.0025	
3/1/2024	<0.0025	
8/6/2024	<0.0025	
2/25/2025		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-16	GWA-16
5/9/2010	<0.002	
6/16/2010	<0.002	
7/27/2010	<0.002	
9/7/2010	<0.002	
4/29/2011	<0.002	
10/28/2011	<0.002	
5/2/2012	<0.002	
11/9/2012	<0.002	
5/8/2013	<0.002	
11/6/2013	<0.002	
5/20/2014	<0.002	
11/8/2014	<0.002	
5/22/2015	<0.002	
11/9/2015	<0.002	
4/6/2016	<0.002	
10/4/2016	<0.002	
4/4/2017	<0.002	
10/5/2017	<0.002	
3/20/2018	<0.002	
10/2/2018	<0.002	
3/26/2019	<0.002	
9/10/2019	0.00095 (J)	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/1/2021	0.00074 (J)	
8/11/2021	<0.002	
2/15/2022	<0.002	
8/25/2022	<0.002	
2/28/2023	<0.002	
8/3/2023	<0.002	
2/28/2024	<0.002	
8/6/2024	<0.002	
2/25/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17	GWA-17
5/8/2010	<0.002	
6/16/2010	<0.002	
7/26/2010	<0.002	
9/7/2010	<0.002	
4/29/2011	<0.002	
10/28/2011	<0.002	
5/2/2012	<0.002	
11/9/2012	<0.002	
5/8/2013	<0.002	
11/6/2013	<0.002	
5/20/2014	<0.002	
11/8/2014	<0.002	
5/22/2015	<0.002	
11/9/2015	<0.002	
4/6/2016	<0.002	
10/5/2016	<0.002	
4/4/2017	<0.002	
10/5/2017	<0.002	
3/20/2018	<0.002	
10/2/2018	<0.002	
3/26/2019	<0.002	
9/10/2019	0.0012 (J)	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/1/2021	<0.002	
8/11/2021	<0.002	
2/15/2022	<0.002	
8/24/2022	<0.002	
2/28/2023	<0.002	
8/3/2023	<0.002	
2/28/2024	<0.002	
8/6/2024	<0.002	
2/26/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-1	GWC-1
5/11/2010	<0.002	
6/17/2010	<0.002	
7/27/2010	<0.002	
9/9/2010	<0.002	
4/28/2011	<0.002	
10/29/2011	<0.002	
5/3/2012	<0.002	
11/9/2012	<0.002	
5/9/2013	<0.002	
11/5/2013	<0.002	
5/23/2014	<0.002	
11/13/2014	<0.002	
5/23/2015	<0.002	
11/11/2015	<0.002	
4/12/2016	<0.002	
10/4/2016	<0.002	
4/5/2017	<0.002	
10/4/2017	<0.002	
3/20/2018	<0.002	
10/2/2018	<0.002	
3/26/2019	<0.002	
9/10/2019	<0.002	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/1/2021	<0.002	
8/18/2021	0.0011 (J)	
2/15/2022	0.0013 (J)	
8/24/2022	<0.002	
2/27/2023	<0.002	
8/9/2023	<0.002	
3/1/2024	<0.002	
8/6/2024	<0.002	
2/25/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-2	GWC-2
5/11/2010	<0.002	
6/19/2010	<0.002	
7/27/2010	<0.002	
9/9/2010	<0.002	
4/28/2011	<0.002	
10/28/2011	<0.002	
5/3/2012	<0.002	
11/9/2012	<0.002	
5/9/2013	<0.002	
11/5/2013	<0.002	
5/22/2014	<0.002	
11/13/2014	<0.002	
5/24/2015	<0.002	
11/11/2015	<0.002	
4/12/2016	<0.002	
10/4/2016	<0.002	
4/6/2017	<0.002	
10/4/2017	<0.002	
3/20/2018	<0.002	
10/2/2018	<0.002	
3/26/2019	<0.002	
9/10/2019	<0.002	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/1/2021	0.00069 (J)	
8/12/2021	0.00078 (J)	
2/15/2022	0.0013 (J)	
8/26/2022	<0.002	
2/27/2023	<0.002	
8/9/2023	<0.002	
3/1/2024	<0.002	
8/6/2024	<0.002	
2/25/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-3
5/11/2010	0.003 (J)	
6/17/2010	<0.002	
7/28/2010	0.012 (O)	
9/7/2010	0.0026 (J)	
4/29/2011	<0.002	
10/28/2011	<0.002	
5/3/2012	<0.002	
11/9/2012	<0.002	
5/10/2013	0.0042 (J)	
11/6/2013	<0.002	
5/22/2014	<0.002	
11/9/2014	<0.002	
5/22/2015	<0.002	
11/10/2015	<0.002	
4/12/2016	<0.002	
10/5/2016	<0.002	
4/6/2017	<0.002	
10/5/2017	<0.002	
3/21/2018	<0.002	
10/3/2018	<0.002	
3/26/2019	<0.002	
9/10/2019	0.0011 (J)	
3/18/2020	<0.002	
9/10/2020	0.00072 (J)	
4/6/2021	0.00088 (J)	
8/12/2021	0.0019 (J)	
2/15/2022	0.0013 (J)	
8/25/2022	0.0013 (J)	
2/28/2023	<0.002	
8/9/2023	<0.002	
3/4/2024	<0.002	
8/7/2024	<0.002	
2/25/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
5/11/2010	<0.002	
6/17/2010	0.0022 (J)	
7/28/2010	0.0033 (J)	
9/8/2010	<0.002	
4/28/2011	0.0037 (J)	
10/29/2011	<0.002	
5/3/2012	0.0031 (J)	
11/10/2012	0.0021 (J)	
5/10/2013	0.0025 (J)	
11/6/2013	0.0032 (J)	
5/22/2014	<0.002	
11/9/2014	<0.002	
5/22/2015	<0.002	
11/11/2015	0.002 (J)	
4/12/2016	<0.002	
10/6/2016	0.0022 (J)	
4/6/2017	<0.002	
10/6/2017	<0.002	
3/21/2018	<0.002	
10/3/2018	<0.002	
3/26/2019	0.0039	
9/10/2019	0.0017 (J)	
3/19/2020	<0.002	
9/10/2020	0.0011 (J)	
4/2/2021	0.0012 (J)	
8/12/2021	<0.002	
2/15/2022	0.0011 (J)	
8/25/2022	<0.002	
2/27/2023	<0.002	
8/8/2023	<0.002	
2/29/2024	<0.002	
8/7/2024	<0.002	
2/25/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-6	GWC-6
5/11/2010	<0.002	
6/18/2010	0.0026 (J)	
7/27/2010	0.0029 (J)	
9/9/2010	<0.002	
4/30/2011	<0.002	
10/29/2011	<0.002	
5/4/2012	0.0037 (J)	
11/10/2012	<0.002	
5/9/2013	<0.002	
11/7/2013	<0.002	
5/21/2014	<0.002	
11/9/2014	<0.002	
5/24/2015	<0.002	
11/11/2015	<0.002	
4/12/2016	<0.002	
10/6/2016	<0.002	
4/6/2017	<0.002	
10/6/2017	<0.002	
3/21/2018	<0.002	
10/3/2018	<0.002	
3/26/2019	<0.002	
9/11/2019	0.00066 (J)	
3/18/2020	<0.002	
9/10/2020	<0.002	
4/5/2021	<0.002	
8/11/2021	<0.002	
2/15/2022	<0.002	
8/25/2022	<0.002	
2/27/2023	<0.002	
8/8/2023	<0.002	
2/29/2024	<0.002	
8/7/2024	<0.002	
2/24/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-7	GWC-7
5/10/2010	<0.002	
6/18/2010	0.008 (JO)	
7/28/2010	0.0021 (J)	
9/9/2010	<0.002	
4/30/2011	<0.002	
10/29/2011	<0.002	
5/4/2012	<0.002	
11/10/2012	<0.002	
5/9/2013	<0.002	
11/7/2013	0.0022 (J)	
5/21/2014	<0.002	
11/12/2014	<0.002	
5/24/2015	0.0022 (J)	
11/11/2015	<0.002	
4/13/2016	<0.002	
10/6/2016	<0.002	
4/7/2017	<0.002	
10/6/2017	0.0026	
3/22/2018	<0.002	
10/4/2018	<0.002	
3/27/2019	<0.002	
9/11/2019	0.00086 (J)	
3/19/2020	<0.002	
9/10/2020	0.0024	
4/1/2021	0.00094 (J)	
8/11/2021	<0.002	
2/15/2022	<0.002	
8/25/2022	<0.002	
2/27/2023	<0.002	
8/8/2023	<0.002	
2/29/2024	<0.002	
8/6/2024	<0.002	
2/24/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-8A
5/10/2010	0.0036 (J)	
6/19/2010	0.004 (J)	
7/28/2010	0.013	
9/8/2010	0.068	
4/30/2011	0.098	
10/27/2011	0.02	
5/4/2012	0.024	
11/11/2012	0.032	
5/10/2013	0.18 (O)	
11/7/2013	0.021	
5/21/2014	0.0089 (J)	
11/13/2014	0.1	
5/23/2015	0.048	
11/11/2015	0.059	
4/19/2016	0.0131 (J)	
10/10/2016	0.0046	
4/7/2017	<0.002	
10/9/2017	<0.002	
3/22/2018	<0.002	
10/4/2018	<0.002	
3/27/2019	<0.002	
9/11/2019	<0.002	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/5/2021	<0.002	
8/12/2021	<0.002	
2/15/2022	<0.002	
8/25/2022	<0.002	
2/27/2023	<0.002	
8/8/2023	<0.002	
2/29/2024	<0.002	
8/6/2024	<0.002	
2/24/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-9	GWC-9
5/10/2010	<0.002	
6/16/2010	<0.002	
7/27/2010	<0.002	
9/8/2010	<0.002	
4/29/2011	<0.002	
10/27/2011	<0.002	
5/3/2012	0.0023 (J)	
11/11/2012	<0.002	
5/9/2013	<0.002	
11/6/2013	<0.002	
5/21/2014	<0.002	
11/12/2014	<0.002	
5/23/2015	<0.002	
11/12/2015	<0.002	
4/13/2016	<0.002	
10/6/2016	<0.002	
4/6/2017	<0.002	
10/5/2017	<0.002	
3/21/2018	0.0038	
10/2/2018	<0.002	
3/27/2019	<0.002	
9/11/2019	<0.002	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/1/2021	<0.002	
8/12/2021	<0.002	
2/15/2022	<0.002	
8/25/2022	0.0017 (J)	
2/27/2023	0.0013 (J)	
8/8/2023	<0.002	
3/1/2024	<0.002	
8/6/2024	<0.002	
2/24/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-10	GWC-10
5/10/2010	<0.002	
6/16/2010	<0.002	
7/28/2010	<0.002	
9/8/2010	<0.002	
4/29/2011	<0.002	
10/27/2011	<0.002	
5/4/2012	<0.002	
11/11/2012	<0.002	
5/9/2013	<0.002	
11/5/2013	<0.002	
5/21/2014	<0.002	
11/12/2014	<0.002	
5/23/2015	<0.002	
11/12/2015	<0.002	
4/13/2016	<0.002	
10/5/2016	<0.002	
4/6/2017	<0.002	
10/5/2017	<0.002	
3/21/2018	<0.002	
10/2/2018	<0.002	
3/27/2019	<0.002	
9/11/2019	<0.002	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/1/2021	<0.002	
8/17/2021	0.0053	
10/18/2021	<0.002	
2/15/2022	<0.002	
8/25/2022	<0.002	
2/21/2023	<0.002	
8/9/2023	<0.002	
3/1/2024	<0.002	
8/6/2024	<0.002	
2/24/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-11	GWC-11
5/10/2010	<0.002	
6/16/2010	<0.002	
7/27/2010	<0.002	
9/8/2010	<0.002	
4/29/2011	<0.002	
10/27/2011	<0.002	
5/4/2012	<0.002	
11/10/2012	<0.002	
5/9/2013	<0.002	
11/6/2013	<0.002	
5/20/2014	<0.002	
11/12/2014	<0.002	
5/24/2015	<0.002	
11/12/2015	<0.002	
4/13/2016	<0.002	
10/5/2016	<0.002	
4/6/2017	<0.002	
10/5/2017	0.0021 (J)	
3/21/2018	<0.002	
10/2/2018	<0.002	
3/27/2019	<0.002	
9/11/2019	<0.002	
3/18/2020	<0.002	
9/10/2020	0.0007 (J)	
4/1/2021	<0.002	
8/11/2021	<0.002	
2/16/2022	<0.002	
8/25/2022	<0.002	
2/27/2023	<0.002	
8/9/2023	<0.002	
2/29/2024	<0.002	
8/6/2024	<0.002	
2/24/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-13
5/9/2010	<0.002	
6/18/2010	<0.002	
7/29/2010	<0.002	
9/9/2010	<0.002	
4/26/2011	<0.002	
10/28/2011	<0.002	
5/4/2012	0.0024 (J)	
11/11/2012	<0.002	
5/8/2013	<0.002	
11/7/2013	<0.002	
5/20/2014	<0.002	
11/12/2014	<0.002	
5/24/2015	<0.002	
11/12/2015	<0.002	
4/13/2016	<0.002	
10/7/2016	<0.002	
4/6/2017	<0.002	
10/6/2017	<0.002	
3/22/2018	<0.002	
10/3/2018	<0.002	
3/26/2019	<0.002	
9/11/2019	<0.002	
3/18/2020	<0.002	
9/10/2020	<0.002	
4/6/2021	<0.002	
8/11/2021	<0.002	
2/16/2022	<0.002	
8/26/2022	<0.002	
2/27/2023	<0.002	
8/9/2023	<0.002	
3/1/2024	<0.002	
8/6/2024	<0.002	
2/24/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-14	GWC-14
5/9/2010	<0.002	
6/18/2010	<0.002	
7/28/2010	<0.002	
9/9/2010	<0.002	
4/30/2011	<0.002	
10/28/2011	<0.002	
5/3/2012	0.0021 (J)	
11/10/2012	<0.002	
5/8/2013	<0.002	
11/5/2013	<0.002	
5/20/2014	<0.002	
11/12/2014	<0.002	
5/24/2015	<0.002	
11/11/2015	<0.002	
4/13/2016	<0.002	
10/4/2016	<0.002	
4/6/2017	<0.002	
10/5/2017	<0.002	
3/20/2018	<0.002	
10/2/2018	<0.002	
3/26/2019	<0.002	
9/11/2019	<0.002	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/1/2021	<0.002	
8/11/2021	<0.002	
2/16/2022	<0.002	
8/26/2022	<0.002	
2/27/2023	<0.002	
8/9/2023	<0.002	
3/1/2024	<0.002	
8/8/2024	<0.002	
2/25/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-18	GWC-18
5/10/2010	<0.002	
6/16/2010	0.0025 (J)	
7/26/2010	0.0023 (J)	
9/7/2010	<0.002	
4/29/2011	<0.002	
10/28/2011	<0.002	
5/2/2012	<0.002	
11/9/2012	<0.002	
5/8/2013	<0.002	
11/6/2013	<0.002	
5/23/2014	<0.002	
11/8/2014	<0.002	
5/22/2015	<0.002	
11/10/2015	<0.002	
4/11/2016	<0.002	
10/5/2016	<0.002	
4/6/2017	<0.002	
10/5/2017	<0.002	
3/20/2018	<0.002	
10/2/2018	<0.002	
3/26/2019	<0.002	
9/11/2019	0.00084 (J)	
3/18/2020	<0.002	
9/9/2020	0.00084 (J)	
4/1/2021	<0.002	
8/11/2021	<0.002	
2/16/2022	<0.002	
8/25/2022	<0.002	
2/28/2023	0.0011 (J)	
8/9/2023	<0.002	
2/29/2024	<0.002	
8/6/2024	<0.002	
2/25/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-20	GWC-20
5/11/2010	<0.002	
6/17/2010	<0.002	
7/27/2010	0.0021 (J)	
9/7/2010	<0.002	
4/29/2011	<0.002	
10/28/2011	<0.002	
5/3/2012	<0.002	
11/10/2012	<0.002	
5/9/2013	<0.002	
11/6/2013	<0.002	
5/22/2014	<0.002	
11/9/2014	<0.002	
5/22/2015	<0.002	
11/10/2015	<0.002	
4/12/2016	<0.002	
10/5/2016	<0.002	
4/6/2017	<0.002	
10/5/2017	<0.002	
3/21/2018	<0.002	
10/3/2018	<0.002	
3/26/2019	<0.002	
3/19/2020	<0.002	
9/10/2020	<0.002	
4/5/2021	<0.002	
8/11/2021	<0.002	
2/16/2022	<0.002	
8/25/2022	<0.002	
2/28/2023	<0.002	
8/8/2023	<0.002	
3/1/2024	<0.002	
8/6/2024	<0.002	
2/25/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-16	GWA-16
5/9/2010	0.0021 (J)	
6/16/2010	0.0028 (J)	
7/27/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	0.0032 (J)	
10/28/2011	0.0025 (J)	
5/2/2012	<0.001	
11/9/2012	0.0024 (J)	
5/8/2013	0.0051	
11/6/2013	0.0033 (J)	
5/20/2014	<0.001	
11/8/2014	<0.001	
5/22/2015	0.0036 (J)	
11/9/2015	0.0039 (J)	
4/6/2016	<0.001	
6/15/2016	<0.001	
8/10/2016	<0.001	
10/4/2016	<0.001	
11/29/2016	<0.001	
2/7/2017	<0.001	
4/4/2017	<0.001	
6/20/2017	<0.001	
10/5/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	0.00016 (J)	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/1/2021	<0.001	
8/11/2021	<0.001	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/28/2023	<0.001	
8/3/2023	<0.001	
2/28/2024	<0.001	
8/6/2024	<0.001	
2/25/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17	GWA-17
5/8/2010	<0.001	
6/16/2010	0.0021 (J)	
7/26/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	0.0024 (J)	
10/28/2011	0.002 (J)	
5/2/2012	<0.001	
11/9/2012	<0.001	
5/8/2013	0.0034 (J)	
11/6/2013	0.0028 (J)	
5/20/2014	<0.001	
11/8/2014	<0.001	
5/22/2015	0.0032 (J)	
11/9/2015	<0.001	
4/6/2016	<0.001	
6/15/2016	<0.001	
8/10/2016	<0.001	
10/5/2016	<0.001	
11/29/2016	<0.001	
2/7/2017	<0.001	
4/4/2017	<0.001	
6/20/2017	<0.001	
10/5/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	0.00022 (J)	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/1/2021	<0.001	
8/11/2021	<0.001	
2/15/2022	<0.001	
8/24/2022	<0.001	
2/28/2023	<0.001	
8/3/2023	<0.001	
2/28/2024	<0.001	
8/6/2024	<0.001	
2/26/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-1	GWC-1
5/11/2010	<0.001	
6/17/2010	0.0026 (J)	
7/27/2010	<0.001	
9/9/2010	<0.001	
4/28/2011	0.0036 (J)	
10/29/2011	0.0038 (J)	
5/3/2012	<0.001	
11/9/2012	0.0024 (J)	
5/9/2013	0.0085	
11/5/2013	0.0042 (J)	
5/23/2014	<0.001	
11/13/2014	<0.001	
5/23/2015	0.0044 (J)	
11/11/2015	0.0042 (J)	
4/12/2016	<0.001	
6/16/2016	<0.001	
8/11/2016	<0.001	
10/4/2016	<0.001	
11/30/2016	<0.001	
2/7/2017	<0.001	
4/5/2017	<0.001	
6/20/2017	<0.001	
10/4/2017	0.00067 (J)	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	<0.001	
3/18/2020	0.00023 (J)	
9/9/2020	<0.001	
4/1/2021	<0.001	
8/18/2021	<0.001	
2/15/2022	<0.001	
8/24/2022	<0.001	
2/27/2023	<0.001	
8/9/2023	<0.001	
3/1/2024	0.00028 (J)	
8/6/2024	<0.001	
2/25/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-2	GWC-2
5/11/2010	<0.001	
6/19/2010	0.003 (J)	
7/27/2010	<0.001	
9/9/2010	<0.001	
4/28/2011	0.0037 (J)	
10/28/2011	0.003 (J)	
5/3/2012	<0.001	
11/9/2012	0.003 (J)	
5/9/2013	0.0063	
11/5/2013	0.0043 (J)	
5/22/2014	<0.001	
11/13/2014	0.0021 (J)	
5/24/2015	0.0043 (J)	
11/11/2015	0.0032 (J)	
4/12/2016	<0.001	
6/16/2016	<0.001	
8/11/2016	<0.001	
10/4/2016	<0.001	
11/30/2016	<0.001	
2/7/2017	<0.001	
4/6/2017	<0.001	
6/20/2017	<0.001	
10/4/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	<0.001	
3/18/2020	0.00014 (J)	
9/9/2020	<0.001	
4/1/2021	<0.001	
8/12/2021	<0.001	
2/15/2022	<0.001	
8/26/2022	<0.001	
2/27/2023	<0.001	
8/9/2023	<0.001	
3/1/2024	<0.001	
8/6/2024	<0.001	
2/25/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-3
5/11/2010	0.011 (O)	
6/17/2010	0.0027 (J)	
7/28/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	0.0038 (J)	
10/28/2011	<0.001	
5/3/2012	<0.001	
11/9/2012	0.0029 (J)	
5/10/2013	0.0061	
11/6/2013	0.0025 (J)	
5/22/2014	<0.001	
11/9/2014	<0.001	
5/22/2015	0.0034 (J)	
11/10/2015	0.0021 (J)	
4/12/2016	<0.001	
6/20/2016	<0.001	
8/12/2016	<0.001	
10/5/2016	<0.001	
11/30/2016	<0.001	
2/8/2017	<0.001	
4/6/2017	<0.001	
6/21/2017	<0.001	
10/5/2017	<0.001	
3/21/2018	<0.001	
10/3/2018	0.00037 (J)	
3/26/2019	<0.001	
9/10/2019	<0.001	
3/18/2020	<0.001	
9/10/2020	<0.001	
4/6/2021	<0.001	
8/12/2021	0.00014 (J)	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/28/2023	<0.001	
8/9/2023	<0.001	
3/4/2024	<0.001	
8/7/2024	<0.001	
2/25/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
5/11/2010	<0.001	
6/17/2010	<0.001	
7/28/2010	<0.001	
9/8/2010	0.002 (J)	
4/28/2011	0.0042 (J)	
10/29/2011	0.0036 (J)	
5/3/2012	<0.001	
11/10/2012	0.0023 (J)	
5/10/2013	0.0062	
11/6/2013	0.0043 (J)	
5/22/2014	<0.001	
11/9/2014	<0.001	
5/22/2015	0.0046 (J)	
11/11/2015	0.0028 (J)	
4/12/2016	<0.001	
6/20/2016	<0.001	
8/12/2016	<0.001	
10/6/2016	<0.001	
11/30/2016	<0.001	
2/8/2017	<0.001	
4/6/2017	<0.001	
6/22/2017	<0.001	
10/6/2017	<0.001	
3/21/2018	<0.001	
10/3/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	<0.001	
3/19/2020	0.00019 (J)	
9/10/2020	<0.001	
4/2/2021	<0.001	
8/12/2021	<0.001	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/27/2023	<0.001	
8/8/2023	<0.001	
2/29/2024	<0.001	
8/7/2024	<0.001	
2/25/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-5	GWC-5
5/11/2010	<0.001	
6/18/2010	0.0024 (J)	
7/27/2010	<0.001	
9/9/2010	<0.001	
4/29/2011	0.0028 (J)	
10/28/2011	<0.001	
5/4/2012	<0.001	
11/10/2012	<0.001	
5/9/2013	0.0061	
11/6/2013	0.0034 (J)	
5/22/2014	<0.001	
11/9/2014	<0.001	
5/24/2015	0.0093 (JO)	
11/11/2015	0.0071 (J)	
4/19/2016	<0.001	
6/22/2016	<0.001	
8/16/2016	<0.001	
10/6/2016	<0.001	
12/1/2016	<0.001	
2/9/2017	<0.001	
4/6/2017	<0.001	
6/21/2017	<0.001	
10/5/2017	<0.001	
3/22/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/1/2021	<0.001	
8/12/2021	<0.001	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/28/2023	<0.001	
8/8/2023	<0.001	
2/29/2024	<0.001	
8/6/2024	<0.001	
2/25/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-6	GWC-6
5/11/2010	<0.001	
6/18/2010	<0.001	
7/27/2010	<0.001	
9/9/2010	<0.001	
4/30/2011	0.0034 (J)	
10/29/2011	0.0041 (J)	
5/4/2012	<0.001	
11/10/2012	0.0023 (J)	
5/9/2013	0.0067	
11/7/2013	0.0048 (J)	
5/21/2014	<0.001	
11/9/2014	<0.001	
5/24/2015	0.0045 (J)	
11/11/2015	0.0048 (J)	
4/12/2016	<0.001	
6/20/2016	<0.001	
8/12/2016	<0.001	
10/6/2016	<0.001	
11/30/2016	<0.001	
2/9/2017	<0.001	
4/6/2017	<0.001	
6/21/2017	<0.001	
10/6/2017	<0.001	
3/21/2018	<0.001	
10/3/2018	<0.001	
3/26/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	<0.001	
9/10/2020	<0.001	
4/5/2021	<0.001	
8/11/2021	<0.001	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/27/2023	<0.001	
8/8/2023	<0.001	
2/29/2024	<0.001	
8/7/2024	<0.001	
2/24/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-7	GWC-7
5/10/2010	<0.001	
6/18/2010	0.0027 (J)	
7/28/2010	<0.001	
9/9/2010	0.002 (J)	
4/30/2011	0.0037 (J)	
10/29/2011	0.0025 (J)	
5/4/2012	<0.001	
11/10/2012	0.003 (J)	
5/9/2013	0.0064	
11/7/2013	0.0037 (J)	
5/21/2014	<0.001	
11/12/2014	<0.001	
5/24/2015	0.0053 (J)	
11/11/2015	0.0022 (J)	
4/13/2016	<0.001	
6/20/2016	<0.001	
8/15/2016	<0.001	
10/6/2016	<0.001	
12/1/2016	<0.001	
2/9/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/6/2017	<0.001	
3/22/2018	<0.001	
10/4/2018	<0.001	
3/27/2019	<0.001	
9/11/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	0.00017 (J)	
4/1/2021	<0.001	
8/11/2021	0.00014 (J)	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/27/2023	<0.001	
8/8/2023	<0.001	
2/29/2024	<0.001	
8/6/2024	<0.001	
2/24/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-8A
5/10/2010	<0.001	
6/19/2010	<0.001	
7/28/2010	<0.001	
9/8/2010	0.0023 (J)	
4/30/2011	0.011 (O)	
10/27/2011	0.0055	
5/4/2012	0.0029 (J)	
11/11/2012	0.0052	
5/10/2013	0.023 (O)	
11/7/2013	0.0083	
5/21/2014	<0.001	
11/13/2014	0.0085	
5/23/2015	0.0077 (J)	
11/11/2015	0.008 (J)	
4/19/2016	<0.001	
10/10/2016	<0.001	
12/1/2016	0.00047 (J)	
2/9/2017	0.0012 (J)	
4/7/2017	<0.001	
6/21/2017	<0.001	
8/15/2017	<0.001	
9/1/2017	<0.001	
10/9/2017	<0.001	
3/22/2018	<0.001	
10/4/2018	<0.001	
3/27/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/5/2021	0.00034 (J)	
8/12/2021	<0.001	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/27/2023	<0.001	
8/8/2023	<0.001	
2/29/2024	0.00021 (J)	
8/6/2024	<0.001	
2/24/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-9	GWC-9
5/10/2010	<0.001	
6/16/2010	0.003 (J)	
7/27/2010	<0.001	
9/8/2010	<0.001	
4/29/2011	0.0039 (J)	
10/27/2011	0.0043 (J)	
5/3/2012	<0.001	
11/11/2012	0.0025 (J)	
5/9/2013	0.0067	
11/6/2013	0.0069	
5/21/2014	<0.001	
11/12/2014	0.002 (J)	
5/23/2015	0.003 (J)	
11/12/2015	0.0044 (J)	
4/13/2016	<0.001	
6/22/2016	<0.001	
8/15/2016	<0.001	
10/6/2016	<0.001	
12/1/2016	<0.001	
2/8/2017	<0.001	
4/6/2017	<0.001	
6/21/2017	<0.001	
10/5/2017	<0.001	
3/21/2018	<0.001	
10/2/2018	<0.001	
3/27/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/1/2021	<0.001	
8/12/2021	<0.001	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/27/2023	<0.001	
8/8/2023	<0.001	
3/1/2024	<0.001	
8/6/2024	<0.001	
2/24/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-10	GWC-10
5/10/2010	<0.001	
6/16/2010	0.002 (J)	
7/28/2010	<0.001	
9/8/2010	<0.001	
4/29/2011	0.003 (J)	
10/27/2011	0.0027 (J)	
5/4/2012	<0.001	
11/11/2012	0.0022 (J)	
5/9/2013	0.007	
11/5/2013	0.0048 (J)	
5/21/2014	<0.001	
11/12/2014	0.002 (J)	
5/23/2015	0.0035 (J)	
11/12/2015	0.0032 (J)	
4/13/2016	<0.001	
6/21/2016	<0.001	
8/15/2016	<0.001	
10/5/2016	<0.001	
12/1/2016	<0.001	
2/8/2017	<0.001	
4/6/2017	<0.001	
6/21/2017	<0.001	
10/5/2017	<0.001	
3/21/2018	<0.001	
10/2/2018	<0.001	
3/27/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/1/2021	<0.001	
8/17/2021	0.00044 (J)	
10/18/2021	<0.001	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/21/2023	<0.001	
8/9/2023	<0.001	
3/1/2024	<0.001	
8/6/2024	<0.001	
2/24/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-11	GWC-11
5/10/2010	<0.001	
6/16/2010	<0.001	
7/27/2010	<0.001	
9/8/2010	<0.001	
4/29/2011	0.0032 (J)	
10/27/2011	0.0027 (J)	
5/4/2012	<0.001	
11/10/2012	0.0025 (J)	
5/9/2013	0.0051	
11/6/2013	0.0037 (J)	
5/20/2014	<0.001	
11/12/2014	<0.001	
5/24/2015	0.0037 (J)	
11/12/2015	0.0038 (J)	
4/13/2016	<0.001	
6/21/2016	<0.001	
8/15/2016	<0.001	
10/5/2016	<0.001	
12/1/2016	<0.001	
2/8/2017	<0.001	
4/6/2017	<0.001	
6/20/2017	<0.001	
10/5/2017	<0.001	
3/21/2018	<0.001	
10/2/2018	<0.001	
3/27/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	0.0017	
9/10/2020	0.00014 (J)	
4/1/2021	<0.001	
8/11/2021	<0.001	
2/16/2022	<0.001	
8/25/2022	<0.001	
2/27/2023	<0.001	
8/9/2023	<0.001	
2/29/2024	0.0012	
8/6/2024	<0.001	
2/24/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-13
5/9/2010	<0.001	
6/18/2010	0.0021 (J)	
7/29/2010	<0.001	
9/9/2010	<0.001	
4/26/2011	<0.001	
10/28/2011	<0.001	
5/4/2012	<0.001	
11/11/2012	<0.001	
5/8/2013	0.0036 (J)	
11/7/2013	<0.001	
5/20/2014	<0.001	
11/12/2014	<0.001	
5/24/2015	<0.001	
11/12/2015	<0.001	
4/13/2016	<0.001	
6/21/2016	<0.001	
8/15/2016	<0.001	
10/7/2016	<0.001	
12/1/2016	<0.001	
2/9/2017	<0.001	
4/6/2017	<0.001	
6/22/2017	<0.001	
10/6/2017	0.00061 (J)	
3/22/2018	<0.001	
10/3/2018	<0.001	
3/26/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	<0.001	
9/10/2020	<0.001	
4/6/2021	<0.001	
8/11/2021	<0.001	
2/16/2022	<0.001	
8/26/2022	<0.001	
2/27/2023	<0.001	
8/9/2023	<0.001	
3/1/2024	<0.001	
8/6/2024	<0.001	
2/24/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-14	GWC-14
5/9/2010	<0.001	
6/18/2010	<0.001	
7/28/2010	<0.001	
9/9/2010	<0.001	
4/30/2011	<0.001	
10/28/2011	<0.001	
5/3/2012	<0.001	
11/10/2012	<0.001	
5/8/2013	0.0024 (J)	
11/5/2013	0.0028 (J)	
5/20/2014	<0.001	
11/12/2014	<0.001	
5/24/2015	<0.001	
11/11/2015	<0.001	
4/13/2016	<0.001	
6/21/2016	<0.001	
8/15/2016	<0.001	
10/4/2016	<0.001	
12/1/2016	<0.001	
2/7/2017	<0.001	
4/6/2017	<0.001	
6/20/2017	<0.001	
10/5/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/1/2021	<0.001	
8/11/2021	<0.001	
2/16/2022	<0.001	
8/26/2022	<0.001	
2/27/2023	<0.001	
8/9/2023	<0.001	
3/1/2024	<0.001	
8/8/2024	<0.001	
2/25/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-18	GWC-18
5/10/2010	<0.001	
6/16/2010	0.0023 (J)	
7/26/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	0.0033 (J)	
10/28/2011	0.0023 (J)	
5/2/2012	<0.001	
11/9/2012	<0.001	
5/8/2013	0.0052	
11/6/2013	0.003 (J)	
5/23/2014	<0.001	
11/8/2014	<0.001	
5/22/2015	0.0023 (J)	
11/10/2015	0.0025 (J)	
4/11/2016	<0.001	
6/16/2016	<0.001	
8/11/2016	<0.001	
10/5/2016	<0.001	
11/29/2016	<0.001	
2/8/2017	<0.001	
4/6/2017	<0.001	
6/21/2017	<0.001	
10/5/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/1/2021	<0.001	
8/11/2021	<0.001	
2/16/2022	<0.001	
8/25/2022	<0.001	
2/28/2023	<0.001	
8/9/2023	<0.001	
2/29/2024	<0.001	
8/6/2024	<0.001	
2/25/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-19	GWC-19
5/11/2010	<0.001	
6/16/2010	0.0022 (J)	
7/27/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	0.0029 (J)	
10/28/2011	0.0021 (J)	
5/2/2012	<0.001	
11/9/2012	0.002 (J)	
5/9/2013	0.0056	
11/6/2013	0.0035 (J)	
5/22/2014	<0.001	
11/8/2014	<0.001	
5/22/2015	0.0047 (J)	
11/10/2015	0.0044 (J)	
4/11/2016	<0.001	
6/16/2016	<0.001	
8/11/2016	<0.001	
10/5/2016	<0.001	
11/29/2016	<0.001	
2/8/2017	<0.001	
4/5/2017	0.0009 (J)	
6/21/2017	<0.001	
10/5/2017	0.0015	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/9/2020	<0.001	
4/5/2021	0.00014 (J)	
8/11/2021	<0.001	
2/16/2022	<0.001	
8/25/2022	<0.001	
2/28/2023	<0.001	
8/8/2023	<0.001	
2/29/2024	<0.001	
8/6/2024	<0.001	
2/25/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-20	GWC-20
5/11/2010	0.0026 (J)	
6/17/2010	0.0021 (J)	
7/27/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	0.0032 (J)	
10/28/2011	0.0025 (J)	
5/3/2012	<0.001	
11/10/2012	<0.001	
5/9/2013	0.0056	
11/6/2013	0.0032 (J)	
5/22/2014	<0.001	
11/9/2014	<0.001	
5/22/2015	0.0044 (J)	
11/10/2015	0.0038 (J)	
4/12/2016	<0.001	
6/16/2016	<0.001	
8/11/2016	<0.001	
10/5/2016	<0.001	
11/30/2016	<0.001	
2/8/2017	<0.001	
4/6/2017	<0.001	
6/21/2017	<0.001	
10/5/2017	<0.001	
3/21/2018	<0.001	
10/3/2018	<0.001	
3/26/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	<0.001	
4/5/2021	<0.001	
8/11/2021	<0.001	
2/16/2022	<0.001	
8/25/2022	<0.001	
2/28/2023	<0.001	
8/8/2023	<0.001	
3/1/2024	<0.001	
8/6/2024	<0.001	
2/25/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15	GWA-15
5/9/2010	<0.0002	
6/18/2010	<0.0002	
7/28/2010	<0.0002	
9/9/2010	<0.0002	
4/30/2011	<0.0002	
10/28/2011	<0.0002	
5/2/2012	<0.0002	
11/9/2012	<0.0002	
5/8/2013	7E-05 (J)	
11/5/2013	<0.0002	
5/20/2014	<0.0002	
11/12/2014	<0.0002	
5/22/2015	7.2E-05 (J)	
11/11/2015	<0.0002	
4/6/2016	<0.0002	
6/15/2016	<0.0002	
8/10/2016	9.3E-05 (J)	
10/4/2016	<0.0002	
11/30/2016	<0.0002	
2/7/2017	<0.0002	
4/4/2017	<0.0002	
6/20/2017	<0.0002	
10/4/2017	<0.0002	
3/20/2018	<0.0002	
10/2/2018	0.000138 (JD)	
3/26/2019	<0.0002	
9/10/2019	<0.0002	
3/18/2020	<0.0002	
9/9/2020	<0.0002	
4/1/2021	<0.0002	
8/11/2021	<0.0002	
2/15/2022	<0.0002	
8/25/2022	<0.0002	
2/28/2023	<0.0002	
8/3/2023	<0.0002	
3/4/2024	<0.0002	
8/6/2024	<0.0002	
2/25/2025		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-16	GWA-16
5/9/2010	<0.0002	
6/16/2010	<0.0002	
7/27/2010	<0.0002	
9/7/2010	7.4E-05 (J)	
4/29/2011	<0.0002	
10/28/2011	<0.0002	
5/2/2012	<0.0002	
11/9/2012	<0.0002	
5/8/2013	8E-05 (J)	
11/6/2013	0.00014 (J)	
5/20/2014	<0.0002	
11/8/2014	<0.0002	
5/22/2015	<0.0002	
11/9/2015	<0.0002	
4/6/2016	<0.0002	
6/15/2016	<0.0002	
8/10/2016	<0.0002	
10/4/2016	<0.0002	
11/29/2016	<0.0002	
2/7/2017	<0.0002	
4/4/2017	<0.0002	
6/20/2017	<0.0002	
10/5/2017	<0.0002	
3/20/2018	<0.0002	
10/2/2018	0.00012 (J)	
3/26/2019	<0.0002	
9/10/2019	<0.0002	
3/18/2020	<0.0002	
9/9/2020	<0.0002	
4/1/2021	<0.0002	
8/11/2021	<0.0002	
2/15/2022	<0.0002	
8/25/2022	<0.0002	
2/28/2023	<0.0002	
8/3/2023	<0.0002	
2/28/2024	<0.0002	
8/6/2024	<0.0002	
2/25/2025		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17	GWA-17
5/8/2010	<0.0002	
6/16/2010	<0.0002	
7/26/2010	<0.0002	
9/7/2010	7.8E-05 (J)	
4/29/2011	<0.0002	
10/28/2011	<0.0002	
5/2/2012	<0.0002	
11/9/2012	<0.0002	
5/8/2013	<0.0002	
11/6/2013	0.00011 (J)	
5/20/2014	<0.0002	
11/8/2014	<0.0002	
5/22/2015	7.1E-05 (J)	
11/9/2015	<0.0002	
4/6/2016	<0.0002	
6/15/2016	<0.0002	
8/10/2016	0.00011 (J)	
10/5/2016	<0.0002	
11/29/2016	<0.0002	
2/7/2017	<0.0002	
4/4/2017	<0.0002	
6/20/2017	<0.0002	
10/5/2017	<0.0002	
3/20/2018	0.00014 (J)	
10/2/2018	0.000139 (JD)	
3/26/2019	<0.0002	
9/10/2019	<0.0002	
3/18/2020	<0.0002	
9/9/2020	<0.0002	
4/1/2021	<0.0002	
8/11/2021	<0.0002	
2/15/2022	<0.0002	
8/24/2022	<0.0002	
2/28/2023	<0.0002	
8/3/2023	<0.0002	
2/28/2024	<0.0002	
8/6/2024	<0.0002	
2/26/2025		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-1	GWC-1
5/11/2010	<0.0002	
6/17/2010	<0.0002	
7/27/2010	<0.0002	
9/9/2010	<0.0002	
4/28/2011	<0.0002	
10/29/2011	<0.0002	
5/3/2012	<0.0002	
11/9/2012	<0.0002	
5/9/2013	<0.0002	
11/5/2013	7.3E-05 (J)	
5/23/2014	<0.0002	
11/13/2014	<0.0002	
5/23/2015	<0.0002	
11/11/2015	<0.0002	
4/12/2016	<0.0002	
6/16/2016	<0.0002	
8/11/2016	0.0001 (J)	
10/4/2016	<0.0002	
11/30/2016	<0.0002	
2/7/2017	7E-05 (J)	
4/5/2017	<0.0002	
6/20/2017	<0.0002	
10/4/2017	<0.0002	
3/20/2018	0.00011 (J)	
10/2/2018	0.000136 (JD)	
3/26/2019	<0.0002	
9/10/2019	<0.0002	
3/18/2020	<0.0002	
9/9/2020	<0.0002	
4/1/2021	<0.0002	
8/18/2021	<0.0002	
2/15/2022	<0.0002	
8/24/2022	<0.0002	
2/27/2023	<0.0002	
8/9/2023	<0.0002	
3/1/2024	<0.0002	
8/6/2024	<0.0002	
2/25/2025		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-2	GWC-2
5/11/2010	<0.0002	
6/19/2010	<0.0002	
7/27/2010	<0.0002	
9/9/2010	9.3E-05 (J)	
4/28/2011	<0.0002	
10/28/2011	<0.0002	
5/3/2012	<0.0002	
11/9/2012	<0.0002	
5/9/2013	<0.0002	
11/5/2013	0.00011 (J)	
5/22/2014	<0.0002	
11/13/2014	<0.0002	
5/24/2015	<0.0002	
11/11/2015	<0.0002	
4/12/2016	<0.0002	
6/16/2016	<0.0002	
8/11/2016	0.00012 (J)	
10/4/2016	<0.0002	
11/30/2016	<0.0002	
2/7/2017	<0.0002	
4/6/2017	<0.0002	
6/20/2017	<0.0002	
10/4/2017	<0.0002	
3/20/2018	0.00012 (J)	
10/2/2018	<0.0002	
3/26/2019	<0.0002	
9/10/2019	<0.0002	
3/18/2020	<0.0002	
9/9/2020	<0.0002	
4/1/2021	<0.0002	
8/12/2021	<0.0002	
2/15/2022	<0.0002	
8/26/2022	<0.0002	
2/27/2023	<0.0002	
8/9/2023	<0.0002	
3/1/2024	<0.0002	
8/6/2024	<0.0002	
2/25/2025		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-3
5/11/2010	<0.0002	
6/17/2010	<0.0002	
7/28/2010	<0.0002	
9/7/2010	0.00012 (J)	
4/29/2011	<0.0002	
10/28/2011	<0.0002	
5/3/2012	<0.0002	
11/9/2012	<0.0002	
5/10/2013	0.00014 (J)	
11/6/2013	0.00014 (J)	
5/22/2014	<0.0002	
11/9/2014	<0.0002	
5/22/2015	<0.0002	
11/10/2015	<0.0002	
4/12/2016	<0.0002	
6/20/2016	<0.0002	
8/12/2016	<0.0002	
10/5/2016	<0.0002	
11/30/2016	<0.0002	
2/8/2017	<0.0002	
4/6/2017	<0.0002	
6/21/2017	<0.0002	
10/5/2017	<0.0002	
3/21/2018	<0.0002	
10/3/2018	0.000139 (JD)	
3/26/2019	<0.0002	
9/10/2019	<0.0002	
3/18/2020	<0.0002	
9/10/2020	<0.0002	
4/6/2021	<0.0002	
8/12/2021	<0.0002	
2/15/2022	<0.0002	
8/25/2022	<0.0002	
2/28/2023	<0.0002	
8/9/2023	<0.0002	
3/4/2024	<0.0002	
8/7/2024	<0.0002	
2/25/2025		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
5/11/2010	<0.0002	
6/17/2010	<0.0002	
7/28/2010	<0.0002	
9/8/2010	<0.0002	
4/28/2011	<0.0002	
10/29/2011	<0.0002	
5/3/2012	<0.0002	
11/10/2012	<0.0002	
5/10/2013	0.00012	
11/6/2013	<0.0002	
5/22/2014	<0.0002	
11/9/2014	<0.0002	
5/22/2015	<0.0002	
11/11/2015	<0.0002	
4/12/2016	<0.0002	
6/20/2016	<0.0002	
8/12/2016	<0.0002	
10/6/2016	<0.0002	
11/30/2016	<0.0002	
2/8/2017	<0.0002	
4/6/2017	<0.0002	
6/22/2017	<0.0002	
10/6/2017	<0.0002	
3/21/2018	0.00012 (J)	
10/3/2018	0.00014 (JD)	
3/26/2019	<0.0002	
9/10/2019	<0.0002	
3/19/2020	<0.0002	
9/10/2020	<0.0002	
4/2/2021	<0.0002	
8/12/2021	<0.0002	
2/15/2022	<0.0002	
8/25/2022	<0.0002	
2/27/2023	<0.0002	
8/8/2023	<0.0002	
2/29/2024	<0.0002	
8/7/2024	<0.0002	
2/25/2025		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-5	GWC-5
5/11/2010	<0.0002	
6/18/2010	<0.0002	
7/27/2010	<0.0002	
9/9/2010	<0.0002	
4/29/2011	<0.0002	
10/28/2011	<0.0002	
5/4/2012	<0.0002	
11/10/2012	<0.0002	
5/9/2013	0.00016 (J)	
11/6/2013	<0.0002	
5/22/2014	<0.0002	
11/9/2014	<0.0002	
5/24/2015	<0.0002	
11/11/2015	<0.0002	
4/19/2016	<0.0002	
6/22/2016	<0.0002	
8/16/2016	<0.0002	
10/6/2016	<0.0002	
12/1/2016	<0.0002	
2/9/2017	<0.0002	
4/6/2017	<0.0002	
6/21/2017	<0.0002	
10/5/2017	<0.0002	
3/22/2018	9.5E-05 (J)	
10/3/2018	0.0001405 (JD)	
3/27/2019	<0.0002	
9/11/2019	<0.0002	
3/18/2020	<0.0002	
9/9/2020	<0.0002	
4/1/2021	<0.0002	
8/12/2021	<0.0002	
2/15/2022	<0.0002	
8/25/2022	<0.0002	
2/28/2023	<0.0002	
8/8/2023	<0.0002	
2/29/2024	<0.0002	
8/6/2024	<0.0002	
2/25/2025		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-6	GWC-6
5/11/2010	<0.0002	
6/18/2010	<0.0002	
7/27/2010	<0.0002	
9/9/2010	0.00017 (J)	
4/30/2011	<0.0002	
10/29/2011	<0.0002	
5/4/2012	<0.0002	
11/10/2012	<0.0002	
5/9/2013	0.00014 (J)	
11/7/2013	0.00011 (J)	
5/21/2014	<0.0002	
11/9/2014	<0.0002	
5/24/2015	<0.0002	
11/11/2015	<0.0002	
4/12/2016	<0.0002	
6/20/2016	<0.0002	
8/12/2016	<0.0002	
10/6/2016	<0.0002	
11/30/2016	<0.0002	
2/9/2017	<0.0002	
4/6/2017	<0.0002	
6/21/2017	<0.0002	
10/6/2017	<0.0002	
3/21/2018	0.00011 (J)	
10/3/2018	0.0001385 (JD)	
3/26/2019	<0.0002	
9/11/2019	<0.0002	
3/18/2020	<0.0002	
9/10/2020	<0.0002	
6/2/2021	<0.0002	
8/11/2021	<0.0002	
2/15/2022	<0.0002	
8/25/2022	<0.0002	
2/27/2023	<0.0002	
8/8/2023	<0.0002	
2/29/2024	<0.0002	
8/7/2024	<0.0002	
2/24/2025		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-7	GWC-7
5/10/2010	<0.0002	
6/18/2010	<0.0002	
7/28/2010	<0.0002	
9/9/2010	<0.0002	
4/30/2011	<0.0002	
10/29/2011	7E-05 (J)	
5/4/2012	<0.0002	
11/10/2012	<0.0002	
5/9/2013	<0.0002	
11/7/2013	0.00016 (J)	
5/21/2014	<0.0002	
11/12/2014	<0.0002	
5/24/2015	<0.0002	
11/11/2015	<0.0002	
4/13/2016	<0.0002	
6/20/2016	<0.0002	
8/15/2016	<0.0002	
10/6/2016	<0.0002	
12/1/2016	<0.0002	
2/9/2017	<0.0002	
4/7/2017	<0.0002	
6/22/2017	<0.0002	
10/6/2017	<0.0002	
3/22/2018	9.9E-05 (J)	
10/4/2018	0.0001445 (JD)	
3/27/2019	<0.0002	
9/11/2019	<0.0002	
3/19/2020	0.00011 (J)	
9/10/2020	<0.0002	
4/1/2021	<0.0002	
8/11/2021	<0.0002	
2/15/2022	<0.0002	
8/25/2022	<0.0002	
2/27/2023	<0.0002	
8/8/2023	<0.0002	
2/29/2024	<0.0002	
8/6/2024	<0.0002	
2/24/2025		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-8A
5/10/2010	<0.0002	
6/19/2010	<0.0002	
7/28/2010	<0.0002	
9/8/2010	0.00011 (J)	
4/30/2011	<0.0002	
10/27/2011	<0.0002	
5/4/2012	<0.0002	
11/11/2012	<0.0002	
5/10/2013	0.00014 (J)	
11/7/2013	0.00019 (J)	
5/21/2014	<0.0002	
11/13/2014	<0.0002	
5/23/2015	<0.0002	
11/11/2015	<0.0002	
4/19/2016	<0.0002	
10/10/2016	0.00011 (J)	
12/1/2016	<0.0002	
2/9/2017	<0.0002	
4/7/2017	<0.0002	
6/21/2017	<0.0002	
8/15/2017	<0.0002	
9/1/2017	<0.0002	
10/9/2017	8.9E-05 (J)	
3/22/2018	9.7E-05 (J)	
10/4/2018	<0.0002	
3/27/2019	<0.0002	
9/11/2019	<0.0002	
3/18/2020	<0.0002	
9/9/2020	<0.0002	
6/1/2021	<0.0002	
8/12/2021	<0.0002	
2/15/2022	<0.0002	
8/25/2022	<0.0002	
2/27/2023	<0.0002	
8/8/2023	<0.0002	
2/29/2024	<0.0002	
8/6/2024	<0.0002	
2/24/2025		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-9	GWC-9
5/10/2010	<0.0002	
6/16/2010	<0.0002	
7/27/2010	<0.0002	
9/8/2010	<0.0002	
4/29/2011	<0.0002	
10/27/2011	<0.0002	
5/3/2012	<0.0002	
11/11/2012	<0.0002	
5/9/2013	<0.0002	
11/6/2013	8.8E-05 (J)	
5/21/2014	<0.0002	
11/12/2014	<0.0002	
5/23/2015	<0.0002	
11/12/2015	<0.0002	
4/13/2016	<0.0002	
6/22/2016	<0.0002	
8/15/2016	<0.0002	
10/6/2016	<0.0002	
12/1/2016	<0.0002	
2/8/2017	<0.0002	
4/6/2017	<0.0002	
6/21/2017	<0.0002	
10/5/2017	<0.0002	
3/21/2018	<0.0002	
10/2/2018	0.0001405 (JD)	
3/27/2019	<0.0002	
9/11/2019	<0.0002	
3/18/2020	<0.0002	
9/9/2020	<0.0002	
4/1/2021	<0.0002	
8/12/2021	<0.0002	
2/15/2022	<0.0002	
8/25/2022	<0.0002	
2/27/2023	<0.0002	
8/8/2023	<0.0002	
3/1/2024	<0.0002	
8/6/2024	<0.0002	
2/24/2025		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-10	GWC-10
5/10/2010	<0.0002	
6/16/2010	<0.0002	
7/28/2010	<0.0002	
9/8/2010	8.8E-05 (J)	
4/29/2011	<0.0002	
10/27/2011	<0.0002	
5/4/2012	<0.0002	
11/11/2012	<0.0002	
5/9/2013	<0.0002	
11/5/2013	0.00011 (J)	
5/21/2014	<0.0002	
11/12/2014	<0.0002	
5/23/2015	<0.0002	
11/12/2015	<0.0002	
4/13/2016	<0.0002	
6/21/2016	<0.0002	
8/15/2016	<0.0002	
10/5/2016	<0.0002	
12/1/2016	<0.0002	
2/8/2017	7.6E-05 (J)	
4/6/2017	<0.0002	
6/21/2017	<0.0002	
10/5/2017	<0.0002	
3/21/2018	<0.0002	
10/2/2018	0.000141 (JD)	
3/27/2019	<0.0002	
9/11/2019	<0.0002	
3/18/2020	<0.0002	
9/9/2020	<0.0002	
4/1/2021	<0.0002	
8/17/2021	<0.0002	
2/15/2022	<0.0002	
8/25/2022	<0.0002	
2/21/2023	<0.0002	
8/9/2023	<0.0002	
3/1/2024	<0.0002	
8/6/2024	<0.0002	
2/24/2025		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-11	GWC-11
5/10/2010	<0.0002	
6/16/2010	<0.0002	
7/27/2010	<0.0002	
9/8/2010	<0.0002	
4/29/2011	<0.0002	
10/27/2011	<0.0002	
5/4/2012	<0.0002	
11/10/2012	<0.0002	
5/9/2013	0.00019 (J)	
11/6/2013	0.00014 (J)	
5/20/2014	<0.0002	
11/12/2014	<0.0002	
5/24/2015	<0.0002	
11/12/2015	<0.0002	
4/13/2016	<0.0002	
6/21/2016	<0.0002	
8/15/2016	<0.0002	
10/5/2016	<0.0002	
12/1/2016	<0.0002	
2/8/2017	<0.0002	
4/6/2017	<0.0002	
6/20/2017	<0.0002	
10/5/2017	<0.0002	
3/21/2018	<0.0002	
10/2/2018	0.000142 (JD)	
3/27/2019	<0.0002	
9/11/2019	<0.0002	
3/18/2020	<0.0002	
9/10/2020	<0.0002	
4/1/2021	<0.0002	
8/11/2021	<0.0002	
2/16/2022	<0.0002	
8/25/2022	<0.0002	
2/27/2023	<0.0002	
8/9/2023	<0.0002	
2/29/2024	<0.0002	
8/6/2024	<0.0002	
2/24/2025		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-12	GWC-12
5/9/2010	<0.0002	
6/18/2010	<0.0002	
7/27/2010	<0.0002	
9/8/2010	<0.0002	
4/29/2011	<0.0002	
10/28/2011	<0.0002	
5/3/2012	<0.0002	
11/10/2012	<0.0002	
5/9/2013	<0.0002	
11/6/2013	<0.0002	
5/20/2014	<0.0002	
11/12/2014	<0.0002	
5/23/2015	<0.0002	
11/12/2015	<0.0002	
4/13/2016	<0.0002	
6/21/2016	<0.0002	
8/15/2016	<0.0002	
10/5/2016	<0.0002	
12/1/2016	<0.0002	
2/8/2017	<0.0002	
4/5/2017	<0.0002	
6/20/2017	<0.0002	
10/5/2017	<0.0002	
3/21/2018	<0.0002	
10/2/2018	0.000138 (JD)	
3/26/2019	<0.0002	
9/11/2019	<0.0002	
3/18/2020	<0.0002	
9/10/2020	<0.0002	
4/1/2021	<0.0002	
8/11/2021	<0.0002	
2/16/2022	<0.0002	
8/26/2022	<0.0002	
2/27/2023	<0.0002	
8/9/2023	<0.0002	
2/29/2024	<0.0002	
8/6/2024	<0.0002	
2/24/2025		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-13
5/9/2010	8.2E-05 (J)	
6/18/2010	<0.0002	
7/29/2010	<0.0002	
9/9/2010	<0.0002	
4/26/2011	<0.0002	
10/28/2011	<0.0002	
5/4/2012	<0.0002	
11/11/2012	<0.0002	
5/8/2013	<0.0002	
11/7/2013	0.0001 (J)	
5/20/2014	<0.0002	
11/12/2014	<0.0002	
5/24/2015	<0.0002	
11/12/2015	<0.0002	
4/13/2016	<0.0002	
6/21/2016	<0.0002	
8/15/2016	<0.0002	
10/7/2016	0.00011 (J)	
12/1/2016	<0.0002	
2/9/2017	<0.0002	
4/6/2017	<0.0002	
6/22/2017	<0.0002	
10/6/2017	<0.0002	
3/22/2018	0.00012 (J)	
10/3/2018	0.0001425 (JD)	
3/26/2019	<0.0002	
9/11/2019	<0.0002	
3/18/2020	<0.0002	
9/10/2020	<0.0002	
4/6/2021	<0.0002	
8/11/2021	<0.0002	
2/16/2022	<0.0002	
8/26/2022	<0.0002	
2/27/2023	<0.0002	
8/9/2023	<0.0002	
3/1/2024	<0.0002	
8/6/2024	<0.0002	
2/24/2025		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-14	GWC-14
5/9/2010	9.1E-05 (J)	
6/18/2010	<0.0002	
7/28/2010	<0.0002	
9/9/2010	<0.0002	
4/30/2011	<0.0002	
10/28/2011	<0.0002	
5/3/2012	<0.0002	
11/10/2012	<0.0002	
5/8/2013	<0.0002	
11/5/2013	0.00016 (J)	
5/20/2014	<0.0002	
11/12/2014	<0.0002	
5/24/2015	<0.0002	
11/11/2015	<0.0002	
4/13/2016	<0.0002	
6/21/2016	<0.0002	
8/15/2016	<0.0002	
10/4/2016	<0.0002	
12/1/2016	<0.0002	
2/7/2017	<0.0002	
4/6/2017	<0.0002	
6/20/2017	<0.0002	
10/5/2017	<0.0002	
3/20/2018	<0.0002	
10/2/2018	0.000143 (JD)	
3/26/2019	<0.0002	
9/11/2019	<0.0002	
3/18/2020	<0.0002	
9/9/2020	<0.0002	
4/1/2021	<0.0002	
8/11/2021	<0.0002	
2/16/2022	<0.0002	
8/26/2022	<0.0002	
2/27/2023	<0.0002	
8/9/2023	<0.0002	
3/1/2024	<0.0002	
8/8/2024	<0.0002	
2/25/2025		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-18	GWC-18
5/10/2010	<0.0002	
6/16/2010	<0.0002	
7/26/2010	<0.0002	
9/7/2010	<0.0002	
4/29/2011	<0.0002	
10/28/2011	<0.0002	
5/2/2012	<0.0002	
11/9/2012	<0.0002	
5/8/2013	<0.0002	
11/6/2013	<0.0002	
5/23/2014	<0.0002	
11/8/2014	<0.0002	
5/22/2015	<0.0002	
11/10/2015	<0.0002	
4/11/2016	<0.0002	
6/16/2016	<0.0002	
8/11/2016	9.8E-05 (J)	
10/5/2016	<0.0002	
11/29/2016	<0.0002	
2/8/2017	8.9E-05 (J)	
4/6/2017	<0.0002	
6/21/2017	<0.0002	
10/5/2017	<0.0002	
3/20/2018	<0.0002	
10/2/2018	0.0001385 (JD)	
3/26/2019	<0.0002	
9/11/2019	<0.0002	
3/18/2020	<0.0002	
9/9/2020	<0.0002	
4/1/2021	<0.0002	
8/11/2021	<0.0002	
2/16/2022	<0.0002	
8/25/2022	<0.0002	
2/28/2023	<0.0002	
8/9/2023	<0.0002	
2/29/2024	<0.0002	
8/6/2024	<0.0002	
2/25/2025		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-19	GWC-19
5/11/2010	<0.0002	
6/16/2010	<0.0002	
7/27/2010	<0.0002	
9/7/2010	0.00011 (J)	
4/29/2011	<0.0002	
10/28/2011	<0.0002	
5/2/2012	<0.0002	
11/9/2012	<0.0002	
5/9/2013	<0.0002	
11/6/2013	<0.0002	
5/22/2014	<0.0002	
11/8/2014	<0.0002	
5/22/2015	<0.0002	
11/10/2015	<0.0002	
4/11/2016	<0.0002	
6/16/2016	<0.0002	
8/11/2016	9.5E-05 (J)	
10/5/2016	<0.0002	
11/29/2016	<0.0002	
2/8/2017	7.6E-05 (J)	
4/5/2017	<0.0002	
6/21/2017	<0.0002	
10/5/2017	<0.0002	
3/20/2018	0.0002	
10/2/2018	0.0001405 (JD)	
3/26/2019	<0.0002	
9/12/2019	<0.0002	
3/19/2020	<0.0002	
9/9/2020	<0.0002	
6/1/2021	<0.0002	
8/11/2021	<0.0002	
2/16/2022	<0.0002	
8/25/2022	<0.0002	
2/28/2023	<0.0002	
8/8/2023	<0.0002	
2/29/2024	<0.0002	
8/6/2024	<0.0002	
2/25/2025		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-20	GWC-20
5/11/2010	8.5E-05 (J)	
6/17/2010	<0.0002	
7/27/2010	<0.0002	
9/7/2010	0.0001 (J)	
4/29/2011	<0.0002	
10/28/2011	<0.0002	
5/3/2012	<0.0002	
11/10/2012	<0.0002	
5/9/2013	<0.0002	
11/6/2013	<0.0002	
5/22/2014	<0.0002	
11/9/2014	<0.0002	
5/22/2015	<0.0002	
11/10/2015	<0.0002	
4/12/2016	<0.0002	
6/16/2016	<0.0002	
8/11/2016	0.00012 (J)	
10/5/2016	<0.0002	
11/30/2016	<0.0002	
2/8/2017	7.5E-05 (J)	
4/6/2017	<0.0002	
6/21/2017	<0.0002	
10/5/2017	<0.0002	
3/21/2018	<0.0002	
10/3/2018	0.0001415 (JD)	
3/26/2019	<0.0002	
9/12/2019	<0.0002	
3/19/2020	<0.0002	
9/10/2020	<0.0002	
6/1/2021	<0.0002	
8/11/2021	<0.0002	
2/16/2022	0.00015 (J)	
8/25/2022	<0.0002	
2/28/2023	<0.0002	
8/8/2023	<0.0002	
3/1/2024	<0.0002	
8/6/2024	<0.0002	
2/25/2025		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15	GWA-15
5/9/2010	<0.001	
6/18/2010	<0.001	
7/28/2010	<0.001	
9/9/2010	<0.001	
4/30/2011	<0.001	
10/28/2011	<0.001	
5/2/2012	<0.001	
11/9/2012	<0.001	
5/8/2013	<0.001	
11/5/2013	<0.001	
5/20/2014	<0.001	
11/12/2014	<0.001	
5/22/2015	<0.001	
11/11/2015	<0.001	
4/6/2016	0.00202 (J)	
10/4/2016	<0.001	
4/4/2017	<0.001	
10/4/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	0.00081 (J)	
3/18/2020	0.00043 (J)	
9/9/2020	0.00069 (J)	
4/1/2021	0.00049 (J)	
8/11/2021	0.00051 (J)	
2/15/2022	0.00065 (J)	
8/25/2022	0.001	
2/28/2023	0.00057 (J)	
8/3/2023	0.00099 (J)	
3/4/2024	<0.001	
8/6/2024	0.00085 (J)	
2/25/2025		0.00072 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-16	GWA-16
5/9/2010	<0.001	
6/16/2010	<0.001	
7/27/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	<0.001	
10/28/2011	<0.001	
5/2/2012	<0.001	
11/9/2012	<0.001	
5/8/2013	<0.001	
11/6/2013	<0.001	
5/20/2014	<0.001	
11/8/2014	<0.001	
5/22/2015	<0.001	
11/9/2015	<0.001	
4/6/2016	<0.001	
10/4/2016	<0.001	
4/4/2017	<0.001	
10/5/2017	<0.001	
3/20/2018	0.04 (O)	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	0.00037 (J)	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/1/2021	<0.001	
8/11/2021	<0.001	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/28/2023	<0.001	
8/3/2023	<0.001	
2/28/2024	<0.001	
8/6/2024	<0.001	
2/25/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17	GWA-17
5/8/2010	<0.001	
6/16/2010	<0.001	
7/26/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	<0.001	
10/28/2011	<0.001	
5/2/2012	<0.001	
11/9/2012	<0.001	
5/8/2013	<0.001	
11/6/2013	<0.001	
5/20/2014	<0.001	
11/8/2014	<0.001	
5/22/2015	<0.001	
11/9/2015	<0.001	
4/6/2016	<0.001	
10/5/2016	<0.001	
4/4/2017	<0.001	
10/5/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	0.0012	
3/18/2020	<0.001	
9/9/2020	0.00048 (J)	
4/1/2021	0.0004 (J)	
8/11/2021	<0.001	
2/15/2022	<0.001	
8/24/2022	0.00082 (J)	
2/28/2023	<0.001	
8/3/2023	<0.001	
2/28/2024	<0.001	
8/6/2024	<0.001	
2/26/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-1	GWC-1
5/11/2010	<0.0025	
6/17/2010	<0.0025	
7/27/2010	<0.0025	
9/9/2010	<0.0025	
4/28/2011	0.0086 (O)	
10/29/2011	<0.0025	
5/3/2012	<0.0025	
11/9/2012	<0.0025	
5/9/2013	<0.0025	
11/5/2013	<0.0025	
5/23/2014	<0.0025	
11/13/2014	<0.0025	
5/23/2015	<0.0025	
11/11/2015	<0.0025	
4/12/2016	<0.0025	
10/4/2016	<0.0025	
4/5/2017	<0.0025	
10/4/2017	<0.0025	
3/20/2018	<0.0025	
10/2/2018	<0.0025	
3/26/2019	<0.0025	
9/10/2019	0.00065 (J)	
3/18/2020	0.00056 (J)	
9/9/2020	0.00047 (J)	
4/1/2021	0.00073 (J)	
8/18/2021	0.0017	
2/15/2022	0.00052 (J)	
8/24/2022	0.00086 (J)	
2/27/2023	0.0013	
8/9/2023	0.0071	
10/4/2023	0.00085 (J)	
3/1/2024	0.00096 (J)	
8/6/2024	0.00059 (J)	
2/25/2025		0.00054 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-2	GWC-2
5/11/2010	0.0033 (JO)	
6/19/2010	<0.0025	
7/27/2010	<0.0025	
9/9/2010	<0.0025	
4/28/2011	<0.0025	
10/28/2011	<0.0025	
5/3/2012	<0.0025	
11/9/2012	<0.0025	
5/9/2013	<0.0025	
11/5/2013	<0.0025	
5/22/2014	<0.0025	
11/13/2014	<0.0025	
5/24/2015	<0.0025	
11/11/2015	<0.0025	
4/12/2016	0.00206 (J)	
10/4/2016	0.0023 (J)	
4/6/2017	<0.0025	
10/4/2017	0.0021 (J)	
3/20/2018	<0.0025	
10/2/2018	<0.0025	
3/26/2019	<0.0025	
9/10/2019	0.0022	
3/18/2020	0.0016	
9/9/2020	0.0016	
4/1/2021	0.0022	
8/12/2021	0.0028	
2/15/2022	0.0018	
8/26/2022	0.002	
2/27/2023	0.0038	
8/9/2023	0.0017	
3/1/2024	0.0018	
8/6/2024	0.0029	
11/7/2024	0.002	
2/25/2025		0.0016

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-3
5/11/2010	<0.0025	
6/17/2010	<0.0025	
7/28/2010	0.019 (O)	
9/7/2010	0.0093 (O)	
4/29/2011	<0.0025	
10/28/2011	<0.0025	
5/3/2012	<0.0025	
11/9/2012	0.0035 (J)	
5/10/2013	0.0081 (O)	
11/6/2013	<0.0025	
5/22/2014	<0.0025	
11/9/2014	<0.0025	
5/22/2015	<0.0025	
11/10/2015	<0.0025	
4/12/2016	<0.0025	
10/5/2016	<0.0025	
4/6/2017	<0.0025	
10/5/2017	<0.0025	
3/21/2018	0.0022 (J)	
10/3/2018	0.0018 (J)	
3/26/2019	<0.0025	
9/10/2019	0.0016	
3/18/2020	0.00091 (J)	
9/10/2020	0.0014	
4/6/2021	0.0018	
8/12/2021	0.0029	
2/15/2022	0.0013	
8/25/2022	0.0024	
2/28/2023	0.0011	
8/9/2023	0.00078 (J)	
3/4/2024	0.0014	
8/7/2024	0.0016	
2/25/2025		0.0016

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
5/11/2010	<0.0025	
6/17/2010	<0.0025	
7/28/2010	<0.0025	
9/8/2010	<0.0025	
4/28/2011	<0.0025	
10/29/2011	<0.0025	
5/3/2012	<0.0025	
11/10/2012	<0.0025	
5/10/2013	<0.0025	
11/6/2013	<0.0025	
5/22/2014	<0.0025	
11/9/2014	<0.0025	
5/22/2015	<0.0025	
11/11/2015	<0.0025	
4/12/2016	<0.0025	
10/6/2016	0.0021 (J)	
4/6/2017	<0.0025	
10/6/2017	<0.0025	
3/21/2018	<0.0025	
10/3/2018	<0.0025	
3/26/2019	0.0036	
9/10/2019	0.00079 (J)	
3/19/2020	0.00073 (J)	
9/10/2020	0.0013	
4/2/2021	0.0012	
8/12/2021	0.00076 (J)	
2/15/2022	0.00076 (J)	
8/25/2022	0.0015	
2/27/2023	0.0012	
8/8/2023	0.001	
2/29/2024	0.0015	
8/7/2024	0.0013	
2/25/2025		0.0019

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-5	GWC-5
5/11/2010	<0.001	
6/18/2010	<0.001	
7/27/2010	<0.001	
9/9/2010	<0.001	
4/29/2011	<0.001	
10/28/2011	<0.001	
5/4/2012	<0.001	
11/10/2012	<0.001	
5/9/2013	<0.001	
11/6/2013	<0.001	
5/22/2014	<0.001	
11/9/2014	<0.001	
5/24/2015	0.006 (O)	
11/11/2015	<0.001	
4/19/2016	0.00268 (J)	
10/6/2016	<0.001	
4/6/2017	0.0018 (J)	
10/5/2017	<0.001	
3/22/2018	0.0019 (J)	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/11/2019	0.0007 (J)	
3/18/2020	0.00068 (J)	
9/9/2020	0.00039 (J)	
4/1/2021	0.00042 (J)	
8/12/2021	0.00061 (J)	
2/15/2022	0.001	
8/25/2022	0.00071 (J)	
2/28/2023	<0.001	
8/8/2023	<0.001	
2/29/2024	0.00049 (J)	
8/6/2024	0.00046 (J)	
2/25/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-6	GWC-6
5/11/2010	0.0034 (J)	
6/18/2010	0.0046 (J)	
7/27/2010	<0.0025	
9/9/2010	<0.0025	
4/30/2011	<0.0025	
10/29/2011	<0.0025	
5/4/2012	<0.0025	
11/10/2012	0.0053	
5/9/2013	<0.0025	
11/7/2013	<0.0025	
5/21/2014	<0.0025	
11/9/2014	<0.0025	
5/24/2015	0.0047 (J)	
11/11/2015	<0.0025	
4/12/2016	<0.0025	
10/6/2016	<0.0025	
4/6/2017	<0.0025	
10/6/2017	<0.0025	
3/21/2018	<0.0025	
10/3/2018	<0.0025	
3/26/2019	<0.0025	
9/11/2019	0.00099 (J)	
3/18/2020	0.00062 (J)	
9/10/2020	0.0009 (J)	
4/5/2021	0.00088 (J)	
8/11/2021	0.00074 (J)	
2/15/2022	0.00089 (J)	
8/25/2022	0.0013	
2/27/2023	0.0008 (J)	
8/8/2023	0.00075 (J)	
2/29/2024	0.00098 (J)	
8/7/2024	0.00083 (J)	
2/24/2025		0.00064 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-7	GWC-7
5/10/2010	<0.001	
6/18/2010	<0.001	
7/28/2010	<0.001	
9/9/2010	<0.001	
4/30/2011	<0.001	
10/29/2011	<0.001	
5/4/2012	<0.001	
11/10/2012	<0.001	
5/9/2013	<0.001	
11/7/2013	<0.001	
5/21/2014	<0.001	
11/12/2014	<0.001	
5/24/2015	0.0044 (J)	
11/11/2015	<0.001	
4/13/2016	<0.001	
10/6/2016	<0.001	
4/7/2017	<0.001	
10/6/2017	<0.001	
3/22/2018	<0.001	
10/4/2018	<0.001	
3/27/2019	<0.001	
9/11/2019	0.00046 (J)	
3/19/2020	<0.001	
9/10/2020	0.0007 (J)	
4/1/2021	0.00036 (J)	
8/11/2021	<0.001	
2/15/2022	<0.001	
8/25/2022	0.0015	
2/27/2023	0.01 (o)	
5/2/2023	<0.001	
8/8/2023	<0.001	
2/29/2024	<0.001	
8/6/2024	<0.001	
2/24/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-8A
5/10/2010	<0.0025	
6/19/2010	<0.0025	
7/28/2010	<0.0025	
9/8/2010	<0.0025	
4/30/2011	0.008	
10/27/2011	0.0044 (J)	
5/4/2012	0.0032 (J)	
11/11/2012	0.0069	
5/10/2013	0.0093	
11/7/2013	0.0033 (J)	
5/21/2014	<0.0025	
11/13/2014	0.0049 (J)	
5/23/2015	0.003 (J)	
11/11/2015	<0.0025	
4/19/2016	0.00247 (J)	
10/10/2016	<0.0025	
4/7/2017	0.0022 (J)	
10/9/2017	<0.0025	
3/22/2018	<0.0025	
10/4/2018	<0.0025	
3/27/2019	<0.0025	
9/11/2019	0.0013	
3/18/2020	0.0044	
9/9/2020	0.0036	
4/5/2021	0.0058	
8/12/2021	0.0035	
2/15/2022	0.0055	
8/25/2022	0.0053	
2/27/2023	0.007	
5/2/2023	0.0062	
8/8/2023	0.0087	
10/4/2023	0.0052	
2/29/2024	0.0055	
8/6/2024	0.0046	
2/24/2025		0.0046

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-9	GWC-9
5/10/2010	<0.001	
6/16/2010	<0.001	
7/27/2010	<0.001	
9/8/2010	<0.001	
4/29/2011	<0.001	
10/27/2011	<0.001	
5/3/2012	<0.001	
11/11/2012	<0.001	
5/9/2013	<0.001	
11/6/2013	<0.001	
5/21/2014	<0.001	
11/12/2014	<0.001	
5/23/2015	<0.001	
11/12/2015	<0.001	
4/13/2016	<0.001	
10/6/2016	<0.001	
4/6/2017	<0.001	
10/5/2017	<0.001	
3/21/2018	<0.001	
10/2/2018	<0.001	
3/27/2019	<0.001	
9/11/2019	0.00063 (J)	
3/18/2020	<0.001	
9/9/2020	0.00046 (J)	
4/1/2021	0.00058 (J)	
8/12/2021	0.00045 (J)	
2/15/2022	<0.001	
8/25/2022	0.0042 (o)	
12/28/2022	0.00068 (J)	
2/27/2023	0.00091 (J)	
8/8/2023	0.00066 (J)	
3/1/2024	0.00086 (J)	
8/6/2024	0.00042 (J)	
2/24/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-10	GWC-10
5/10/2010	<0.0025	
6/16/2010	<0.0025	
7/28/2010	<0.0025	
9/8/2010	<0.0025	
4/29/2011	<0.0025	
10/27/2011	<0.0025	
5/4/2012	<0.0025	
11/11/2012	<0.0025	
5/9/2013	<0.0025	
11/5/2013	<0.0025	
5/21/2014	<0.0025	
11/12/2014	<0.0025	
5/23/2015	<0.0025	
11/12/2015	<0.0025	
4/13/2016	0.00271 (J)	
10/5/2016	<0.0025	
4/6/2017	<0.0025	
10/5/2017	<0.0025	
3/21/2018	<0.0025	
10/2/2018	0.0018 (J)	
3/27/2019	<0.0025	
9/11/2019	0.0016	
3/18/2020	0.0016	
9/9/2020	0.0021	
4/1/2021	0.0012	
8/17/2021	0.0094 (o)	
10/18/2021	0.002	
2/15/2022	0.0022	
8/25/2022	0.003	
12/28/2022	0.0017	
2/21/2023	0.0031	
8/9/2023	0.0026	
3/1/2024	0.0048	
5/20/2024	0.0016	
8/6/2024	0.0025	
2/24/2025		0.0011

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-11	GWC-11
5/10/2010	<0.0025	
6/16/2010	<0.0025	
7/27/2010	<0.0025	
9/8/2010	<0.0025	
4/29/2011	<0.0025	
10/27/2011	<0.0025	
5/4/2012	<0.0025	
11/10/2012	<0.0025	
5/9/2013	<0.0025	
11/6/2013	<0.0025	
5/20/2014	<0.0025	
11/12/2014	<0.0025	
5/24/2015	<0.0025	
11/12/2015	<0.0025	
4/13/2016	<0.0025	
10/5/2016	<0.0025	
4/6/2017	<0.0025	
10/5/2017	<0.0025	
3/21/2018	<0.0025	
10/2/2018	<0.0025	
3/27/2019	<0.0025	
9/11/2019	0.00066 (J)	
3/18/2020	0.0005 (J)	
9/10/2020	0.0012	
4/1/2021	0.00065 (J)	
8/11/2021	0.0006 (J)	
2/16/2022	0.0007 (J)	
8/25/2022	0.00081 (J)	
2/27/2023	0.00085 (J)	
8/9/2023	0.00068 (J)	
2/29/2024	0.00099 (J)	
8/6/2024	0.00086 (J)	
2/24/2025		0.00053 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-12	GWC-12
5/9/2010	<0.001	
6/18/2010	<0.001	
7/27/2010	<0.001	
9/8/2010	<0.001	
4/29/2011	<0.001	
10/28/2011	<0.001	
5/3/2012	<0.001	
11/10/2012	<0.001	
5/9/2013	<0.001	
11/6/2013	<0.001	
5/20/2014	<0.001	
11/12/2014	<0.001	
5/23/2015	<0.001	
11/12/2015	<0.001	
4/13/2016	<0.001	
10/5/2016	<0.001	
4/5/2017	<0.001	
10/5/2017	<0.001	
3/21/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/11/2019	0.00084 (J)	
3/18/2020	0.0006 (J)	
9/10/2020	0.00088 (J)	
4/1/2021	0.00065 (J)	
8/11/2021	0.0008 (J)	
2/16/2022	0.00076 (J)	
8/26/2022	0.00096 (J)	
2/27/2023	0.0011	
8/9/2023	0.00094 (J)	
2/29/2024	0.00092 (J)	
8/6/2024	0.0009 (J)	
2/24/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-13
5/9/2010	<0.001	
6/18/2010	<0.001	
7/29/2010	<0.001	
9/9/2010	<0.001	
4/26/2011	<0.001	
10/28/2011	<0.001	
5/4/2012	<0.001	
11/11/2012	<0.001	
5/8/2013	<0.001	
11/7/2013	<0.001	
5/20/2014	<0.001	
11/12/2014	<0.001	
5/24/2015	<0.001	
11/12/2015	<0.001	
4/13/2016	<0.001	
10/7/2016	<0.001	
4/6/2017	<0.001	
10/6/2017	<0.001	
3/22/2018	<0.001	
10/3/2018	<0.001	
3/26/2019	<0.001	
9/11/2019	0.00039 (J)	
3/18/2020	0.00061 (J)	
9/10/2020	0.00044 (J)	
4/6/2021	0.00053 (J)	
8/11/2021	<0.001	
2/16/2022	<0.001	
8/26/2022	<0.001	
2/27/2023	<0.001	
8/9/2023	0.00043 (J)	
3/1/2024	0.00059 (J)	
8/6/2024	0.00046 (J)	
2/24/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-18	GWC-18
5/10/2010	<0.001	
6/16/2010	<0.001	
7/26/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	<0.001	
10/28/2011	<0.001	
5/2/2012	<0.001	
11/9/2012	<0.001	
5/8/2013	<0.001	
11/6/2013	<0.001	
5/23/2014	<0.001	
11/8/2014	<0.001	
5/22/2015	0.0045 (JO)	
11/10/2015	<0.001	
4/11/2016	<0.001	
10/5/2016	<0.001	
4/6/2017	<0.001	
10/5/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/11/2019	0.00048 (J)	
3/18/2020	0.00034 (J)	
9/9/2020	0.00064 (J)	
4/1/2021	<0.001	
8/11/2021	<0.001	
2/16/2022	<0.001	
8/25/2022	<0.001	
2/28/2023	<0.001	
8/9/2023	<0.001	
2/29/2024	<0.001	
8/6/2024	<0.001	
2/25/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-19	GWC-19
5/11/2010	<0.001	
6/16/2010	<0.001	
7/27/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	<0.001	
10/28/2011	<0.001	
5/2/2012	<0.001	
11/9/2012	<0.001	
5/9/2013	<0.001	
11/6/2013	<0.001	
5/22/2014	<0.001	
11/8/2014	<0.001	
5/22/2015	0.01 (O)	
11/10/2015	<0.001	
4/11/2016	<0.001	
10/5/2016	<0.001	
4/5/2017	<0.001	
10/5/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/12/2019	0.0015	
3/19/2020	0.00047 (J)	
9/9/2020	0.00039 (J)	
4/5/2021	0.00047 (J)	
8/11/2021	<0.001	
2/16/2022	<0.001	
8/25/2022	0.0017	
2/28/2023	0.0016	
8/8/2023	0.00051 (J)	
2/29/2024	0.00067 (J)	
8/6/2024	0.00053 (J)	
2/25/2025		0.0012

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-20	GWC-20
5/11/2010	<0.001	
6/17/2010	<0.001	
7/27/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	<0.001	
10/28/2011	0.003 (J)	
5/3/2012	<0.001	
11/10/2012	<0.001	
5/9/2013	<0.001	
11/6/2013	<0.001	
5/22/2014	<0.001	
11/9/2014	<0.001	
5/22/2015	0.0063 (O)	
11/10/2015	<0.001	
4/12/2016	<0.001	
10/5/2016	<0.001	
4/6/2017	0.002 (J)	
10/5/2017	<0.001	
3/21/2018	<0.001	
10/3/2018	<0.001	
3/26/2019	<0.001	
9/12/2019	0.00097 (J)	
3/19/2020	0.00098 (J)	
9/10/2020	0.00098 (J)	
4/5/2021	0.00048 (J)	
8/11/2021	0.00056 (J)	
2/16/2022	0.00055 (J)	
8/25/2022	0.00074 (J)	
2/28/2023	<0.001	
8/8/2023	0.00067 (J)	
3/1/2024	0.00059 (J)	
8/6/2024	<0.001	
2/25/2025		0.00061 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15	GWA-15
5/9/2010	<0.005	
6/18/2010	<0.005	
7/28/2010	<0.005	
9/9/2010	<0.005	
4/30/2011	<0.005	
10/28/2011	<0.005	
5/2/2012	<0.005	
11/9/2012	<0.005	
5/8/2013	<0.005	
11/5/2013	<0.005	
5/20/2014	<0.005	
11/12/2014	<0.005	
5/22/2015	<0.005	
11/11/2015	<0.005	
4/6/2016	<0.005	
6/15/2016	<0.005	
8/10/2016	<0.005	
10/4/2016	<0.005	
11/30/2016	<0.005	
2/7/2017	<0.005	
4/4/2017	0.00067 (J)	
6/20/2017	<0.005	
10/4/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	<0.005	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/11/2021	<0.005	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/28/2023	<0.005	
8/3/2023	<0.005	
3/4/2024	<0.005	
8/6/2024	<0.005	
2/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-16	GWA-16
5/9/2010	<0.005	
6/16/2010	<0.005	
7/27/2010	<0.005	
9/7/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/2/2012	<0.005	
11/9/2012	<0.005	
5/8/2013	<0.005	
11/6/2013	<0.005	
5/20/2014	<0.005	
11/8/2014	<0.005	
5/22/2015	<0.005	
11/9/2015	0.0043 (J)	
4/6/2016	<0.005	
6/15/2016	<0.005	
8/10/2016	<0.005	
10/4/2016	<0.005	
11/29/2016	0.00024 (J)	
2/7/2017	<0.005	
4/4/2017	0.0017	
6/20/2017	<0.005	
10/5/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	<0.005	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/11/2021	<0.005	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/28/2023	<0.005	
8/3/2023	<0.005	
2/28/2024	<0.005	
8/6/2024	<0.005	
2/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17	GWA-17
5/8/2010	<0.005	
6/16/2010	<0.005	
7/26/2010	<0.005	
9/7/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/2/2012	<0.005	
11/9/2012	<0.005	
5/8/2013	0.0044 (J)	
11/6/2013	<0.005	
5/20/2014	<0.005	
11/8/2014	<0.005	
5/22/2015	<0.005	
11/9/2015	<0.005	
4/6/2016	<0.005	
6/15/2016	<0.005	
8/10/2016	<0.005	
10/5/2016	<0.005	
11/29/2016	<0.005	
2/7/2017	<0.005	
4/4/2017	<0.005	
6/20/2017	<0.005	
10/5/2017	0.00027 (J)	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	<0.005	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/11/2021	<0.005	
2/15/2022	<0.005	
8/24/2022	<0.005	
2/28/2023	<0.005	
8/3/2023	<0.005	
2/28/2024	<0.005	
8/6/2024	<0.005	
2/26/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-1	GWC-1
5/11/2010	<0.005	
6/17/2010	<0.005	
7/27/2010	<0.005	
9/9/2010	<0.005	
4/28/2011	<0.005	
10/29/2011	<0.005	
5/3/2012	<0.005	
11/9/2012	<0.005	
5/9/2013	<0.005	
11/5/2013	<0.005	
5/23/2014	<0.005	
11/13/2014	<0.005	
5/23/2015	0.0053 (J)	
11/11/2015	<0.005	
4/12/2016	<0.005	
6/16/2016	<0.005	
8/11/2016	<0.005	
10/4/2016	0.00037 (J)	
11/30/2016	<0.005	
2/7/2017	<0.005	
4/5/2017	<0.005	
6/20/2017	<0.005	
10/4/2017	<0.005	
3/20/2018	0.00037 (J)	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	<0.005	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/18/2021	<0.005	
2/15/2022	<0.005	
8/24/2022	<0.005	
2/27/2023	<0.005	
8/9/2023	<0.005	
3/1/2024	<0.005	
8/6/2024	<0.005	
2/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-2	GWC-2
5/11/2010	<0.005	
6/19/2010	<0.005	
7/27/2010	<0.005	
9/9/2010	<0.005	
4/28/2011	<0.005	
10/28/2011	<0.005	
5/3/2012	<0.005	
11/9/2012	<0.005	
5/9/2013	<0.005	
11/5/2013	<0.005	
5/22/2014	<0.005	
11/13/2014	<0.005	
5/24/2015	0.0044 (J)	
11/11/2015	0.0045 (J)	
4/12/2016	<0.005	
6/16/2016	<0.005	
8/11/2016	<0.005	
10/4/2016	<0.005	
11/30/2016	<0.005	
2/7/2017	<0.005	
4/6/2017	0.0023	
6/20/2017	0.00024 (J)	
10/4/2017	<0.005	
3/20/2018	0.00059 (J)	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	<0.005	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/12/2021	<0.005	
2/15/2022	<0.005	
8/26/2022	<0.005	
2/27/2023	0.00075 (J)	
8/9/2023	<0.005	
3/1/2024	<0.005	
8/6/2024	<0.005	
2/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-3
5/11/2010	<0.005	
6/17/2010	<0.005	
7/28/2010	<0.005	
9/7/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/3/2012	<0.005	
11/9/2012	<0.005	
5/10/2013	<0.005	
11/6/2013	<0.005	
5/22/2014	<0.005	
11/9/2014	<0.005	
5/22/2015	<0.005	
11/10/2015	<0.005	
4/12/2016	<0.005	
6/20/2016	<0.005	
8/12/2016	0.00036 (J)	
10/5/2016	<0.005	
11/30/2016	<0.005	
2/8/2017	<0.005	
4/6/2017	<0.005	
6/21/2017	<0.005	
10/5/2017	<0.005	
3/21/2018	<0.005	
10/3/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	<0.005	
3/18/2020	<0.005	
9/10/2020	<0.005	
4/6/2021	<0.005	
8/12/2021	<0.005	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/28/2023	<0.005	
8/9/2023	<0.005	
3/4/2024	<0.005	
8/7/2024	<0.005	
2/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
5/11/2010	<0.005	
6/17/2010	<0.005	
7/28/2010	<0.005	
9/8/2010	<0.005	
4/28/2011	<0.005	
10/29/2011	<0.005	
5/3/2012	<0.005	
11/10/2012	<0.005	
5/10/2013	<0.005	
11/6/2013	<0.005	
5/22/2014	<0.005	
11/9/2014	<0.005	
5/22/2015	<0.005	
11/11/2015	<0.005	
4/12/2016	<0.005	
6/20/2016	<0.005	
8/12/2016	<0.005	
10/6/2016	<0.005	
11/30/2016	<0.005	
2/8/2017	<0.005	
4/6/2017	<0.005	
6/22/2017	<0.005	
10/6/2017	<0.005	
3/21/2018	0.00029 (J)	
10/3/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	<0.005	
3/19/2020	<0.005	
9/10/2020	<0.005	
4/2/2021	<0.005	
8/12/2021	<0.005	
2/15/2022	0.0013 (J)	
8/25/2022	0.0012 (J)	
2/27/2023	0.0039 (J)	
8/8/2023	0.0041 (J)	
2/29/2024	0.0042 (J)	
8/7/2024	0.0045 (J)	
2/25/2025		0.0076

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-5	GWC-5
5/11/2010	<0.01	
6/18/2010	<0.01	
7/27/2010	<0.01	
9/9/2010	<0.01	
4/29/2011	<0.01	
10/28/2011	<0.01	
5/4/2012	<0.01	
11/10/2012	<0.01	
5/9/2013	<0.01	
11/6/2013	<0.01	
5/22/2014	<0.01	
11/9/2014	<0.01	
5/24/2015	0.013 (J)	
11/11/2015	0.037	
4/19/2016	0.0587	
6/22/2016	0.0435	
8/16/2016	0.029	
10/6/2016	0.027	
12/1/2016	0.029	
2/9/2017	0.031	
4/6/2017	0.043	
6/21/2017	0.052	
10/5/2017	0.038	
3/22/2018	0.038	
10/3/2018	0.021	
3/27/2019	0.023	
9/11/2019	0.0079	
3/18/2020	0.014	
9/9/2020	0.0054	
4/1/2021	0.0065	
8/12/2021	0.0088	
2/15/2022	0.0058	
8/25/2022	0.0043 (J)	
2/28/2023	0.0033 (J)	
8/8/2023	0.003 (J)	
2/29/2024	0.0018 (J)	
8/6/2024	0.0029 (J)	
2/25/2025		0.0013 (J)

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-6	GWC-6
5/11/2010	<0.005	
6/18/2010	<0.005	
7/27/2010	<0.005	
9/9/2010	<0.005	
4/30/2011	<0.005	
10/29/2011	<0.005	
5/4/2012	<0.005	
11/10/2012	<0.005	
5/9/2013	<0.005	
11/7/2013	<0.005	
5/21/2014	<0.005	
11/9/2014	<0.005	
5/24/2015	<0.005	
11/11/2015	0.007 (J)	
4/12/2016	<0.005	
6/20/2016	0.00032 (J)	
8/12/2016	0.00035 (J)	
10/6/2016	0.00029 (J)	
11/30/2016	0.00026 (J)	
2/9/2017	<0.005	
4/6/2017	<0.005	
6/21/2017	0.00031 (J)	
10/6/2017	<0.005	
3/21/2018	0.00038 (J)	
10/3/2018	0.00056 (J)	
3/26/2019	<0.005	
9/11/2019	<0.005	
3/18/2020	<0.005	
9/10/2020	<0.005	
4/5/2021	<0.005	
8/11/2021	<0.005	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/27/2023	<0.005	
8/8/2023	<0.005	
2/29/2024	<0.005	
8/7/2024	<0.005	
2/24/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-7	GWC-7
5/10/2010	<0.005	
6/18/2010	<0.005	
7/28/2010	<0.005	
9/9/2010	<0.005	
4/30/2011	<0.005	
10/29/2011	<0.005	
5/4/2012	<0.005	
11/10/2012	<0.005	
5/9/2013	<0.005	
11/7/2013	<0.005	
5/21/2014	<0.005	
11/12/2014	<0.005	
5/24/2015	0.0053 (J)	
11/11/2015	0.0049 (J)	
4/13/2016	<0.005	
6/20/2016	<0.005	
8/15/2016	<0.005	
10/6/2016	<0.005	
12/1/2016	<0.005	
2/9/2017	<0.005	
4/7/2017	<0.005	
6/22/2017	<0.005	
10/6/2017	<0.005	
3/22/2018	<0.005	
10/4/2018	<0.005	
3/27/2019	<0.005	
9/11/2019	<0.005	
3/19/2020	<0.005	
9/10/2020	<0.005	
4/1/2021	<0.005	
8/11/2021	<0.005	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/27/2023	<0.005	
8/8/2023	<0.005	
2/29/2024	<0.005	
8/6/2024	<0.005	
2/24/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-8A
5/10/2010	<0.005	
6/19/2010	<0.005	
7/28/2010	<0.005	
9/8/2010	<0.005	
4/30/2011	<0.005	
10/27/2011	<0.005	
5/4/2012	<0.005	
11/11/2012	<0.005	
5/10/2013	<0.005	
11/7/2013	<0.005	
5/21/2014	<0.005	
11/13/2014	<0.005	
5/23/2015	0.0045 (J)	
11/11/2015	0.0043 (J)	
4/19/2016	<0.005	
10/10/2016	<0.005	
12/1/2016	<0.005	
2/9/2017	<0.005	
4/7/2017	<0.005	
6/21/2017	<0.005	
8/15/2017	<0.005	
9/1/2017	0.00044 (J)	
10/9/2017	<0.005	
3/22/2018	0.00032 (J)	
10/4/2018	<0.005	
3/27/2019	<0.005	
9/11/2019	<0.005	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/5/2021	<0.005	
8/12/2021	<0.005	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/27/2023	<0.005	
8/8/2023	<0.005	
2/29/2024	<0.005	
8/6/2024	<0.005	
2/24/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-9	GWC-9
5/10/2010	<0.005	
6/16/2010	<0.005	
7/27/2010	<0.005	
9/8/2010	<0.005	
4/29/2011	<0.005	
10/27/2011	<0.005	
5/3/2012	<0.005	
11/11/2012	<0.005	
5/9/2013	<0.005	
11/6/2013	<0.005	
5/21/2014	<0.005	
11/12/2014	<0.005	
5/23/2015	<0.005	
11/12/2015	0.0065 (J)	
4/13/2016	<0.005	
6/22/2016	<0.005	
8/15/2016	<0.005	
10/6/2016	<0.005	
12/1/2016	<0.005	
2/8/2017	<0.005	
4/6/2017	<0.005	
6/21/2017	<0.005	
10/5/2017	<0.005	
3/21/2018	0.0004 (J)	
10/2/2018	<0.005	
3/27/2019	<0.005	
9/11/2019	<0.005	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/12/2021	<0.005	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/27/2023	<0.005	
8/8/2023	<0.005	
3/1/2024	<0.005	
8/6/2024	<0.005	
2/24/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-10	GWC-10
5/10/2010	<0.005	
6/16/2010	<0.005	
7/28/2010	<0.005	
9/8/2010	<0.005	
4/29/2011	<0.005	
10/27/2011	<0.005	
5/4/2012	<0.005	
11/11/2012	<0.005	
5/9/2013	<0.005	
11/5/2013	<0.005	
5/21/2014	<0.005	
11/12/2014	<0.005	
5/23/2015	0.0043 (J)	
11/12/2015	0.0046 (J)	
4/13/2016	<0.005	
6/21/2016	<0.005	
8/15/2016	<0.005	
10/5/2016	<0.005	
12/1/2016	<0.005	
2/8/2017	<0.005	
4/6/2017	<0.005	
6/21/2017	<0.005	
10/5/2017	<0.005	
3/21/2018	<0.005	
10/2/2018	<0.005	
3/27/2019	<0.005	
9/11/2019	<0.005	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/17/2021	<0.005	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/21/2023	<0.005	
8/9/2023	<0.005	
3/1/2024	<0.005	
8/6/2024	<0.005	
2/24/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-11	GWC-11
5/10/2010	<0.005	
6/16/2010	<0.005	
7/27/2010	<0.005	
9/8/2010	<0.005	
4/29/2011	<0.005	
10/27/2011	<0.005	
5/4/2012	<0.005	
11/10/2012	<0.005	
5/9/2013	<0.005	
11/6/2013	<0.005	
5/20/2014	<0.005	
11/12/2014	<0.005	
5/24/2015	0.005 (J)	
11/12/2015	0.0042 (J)	
4/13/2016	<0.005	
6/21/2016	<0.005	
8/15/2016	<0.005	
10/5/2016	<0.005	
12/1/2016	<0.005	
2/8/2017	<0.005	
4/6/2017	0.00031 (J)	
6/20/2017	<0.005	
10/5/2017	<0.005	
3/21/2018	<0.005	
10/2/2018	<0.005	
3/27/2019	<0.005	
9/11/2019	<0.005	
3/18/2020	<0.005	
9/10/2020	<0.005	
4/1/2021	<0.005	
8/11/2021	<0.005	
2/16/2022	<0.005	
8/25/2022	<0.005	
2/27/2023	<0.005	
8/9/2023	<0.005	
2/29/2024	<0.005	
8/6/2024	<0.005	
2/24/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-12	GWC-12
5/9/2010	<0.005	
6/18/2010	<0.005	
7/27/2010	<0.005	
9/8/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	0.004 (J)	
5/3/2012	<0.005	
11/10/2012	<0.005	
5/9/2013	<0.005	
11/6/2013	<0.005	
5/20/2014	<0.005	
11/12/2014	<0.005	
5/23/2015	<0.005	
11/12/2015	<0.005	
4/13/2016	<0.005	
6/21/2016	<0.005	
8/15/2016	<0.005	
10/5/2016	<0.005	
12/1/2016	<0.005	
2/8/2017	<0.005	
4/5/2017	<0.005	
6/20/2017	<0.005	
10/5/2017	<0.005	
3/21/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/11/2019	<0.005	
3/18/2020	<0.005	
9/10/2020	<0.005	
4/1/2021	<0.005	
8/11/2021	<0.005	
2/16/2022	<0.005	
8/26/2022	<0.005	
2/27/2023	<0.005	
8/9/2023	<0.005	
2/29/2024	<0.005	
8/6/2024	<0.005	
2/24/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-14	GWC-14
5/9/2010	<0.005	
6/18/2010	<0.005	
7/28/2010	<0.005	
9/9/2010	<0.005	
4/30/2011	<0.005	
10/28/2011	<0.005	
5/3/2012	<0.005	
11/10/2012	<0.005	
5/8/2013	<0.005	
11/5/2013	<0.005	
5/20/2014	<0.005	
11/12/2014	<0.005	
5/24/2015	<0.005	
11/11/2015	0.0052 (J)	
4/13/2016	<0.005	
6/21/2016	<0.005	
8/15/2016	<0.005	
10/4/2016	<0.005	
12/1/2016	0.00025 (J)	
2/7/2017	<0.005	
4/6/2017	<0.005	
6/20/2017	<0.005	
10/5/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/11/2019	<0.005	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/11/2021	<0.005	
2/16/2022	<0.005	
8/26/2022	<0.005	
2/27/2023	<0.005	
8/9/2023	<0.005	
3/1/2024	<0.005	
8/8/2024	<0.005	
2/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-18	GWC-18
5/10/2010	<0.005	
6/16/2010	<0.005	
7/26/2010	<0.005	
9/7/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/2/2012	<0.005	
11/9/2012	<0.005	
5/8/2013	<0.005	
11/6/2013	<0.005	
5/23/2014	<0.005	
11/8/2014	<0.005	
5/22/2015	<0.005	
11/10/2015	0.0041 (J)	
4/11/2016	<0.005	
6/16/2016	<0.005	
8/11/2016	<0.005	
10/5/2016	<0.005	
11/29/2016	<0.005	
2/8/2017	<0.005	
4/6/2017	<0.005	
6/21/2017	<0.005	
10/5/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/11/2019	<0.005	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/11/2021	<0.005	
2/16/2022	<0.005	
8/25/2022	<0.005	
2/28/2023	<0.005	
8/9/2023	<0.005	
2/29/2024	<0.005	
8/6/2024	<0.005	
2/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-19	GWC-19
5/11/2010	<0.005	
6/16/2010	<0.005	
7/27/2010	<0.005	
9/7/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/2/2012	<0.005	
11/9/2012	<0.005	
5/9/2013	<0.005	
11/6/2013	<0.005	
5/22/2014	<0.005	
11/8/2014	<0.005	
5/22/2015	<0.005	
11/10/2015	0.0044 (J)	
4/11/2016	<0.005	
6/16/2016	<0.005	
8/11/2016	<0.005	
10/5/2016	<0.005	
11/29/2016	<0.005	
2/8/2017	<0.005	
4/5/2017	<0.005	
6/21/2017	<0.005	
10/5/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/12/2019	<0.005	
3/19/2020	<0.005	
9/9/2020	<0.005	
4/5/2021	<0.005	
8/11/2021	<0.005	
2/16/2022	<0.005	
8/25/2022	<0.005	
2/28/2023	<0.005	
8/8/2023	<0.005	
2/29/2024	<0.005	
8/6/2024	<0.005	
2/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15	GWA-15
5/9/2010	<0.001	
6/18/2010	<0.001	
7/28/2010	<0.001	
9/9/2010	<0.001	
4/30/2011	<0.001	
10/28/2011	<0.001	
5/2/2012	<0.001	
11/9/2012	<0.001	
5/8/2013	<0.001	
11/5/2013	<0.001	
5/20/2014	<0.001	
11/12/2014	<0.001	
5/22/2015	<0.001	
11/11/2015	<0.001	
4/6/2016	<0.001	
6/15/2016	<0.001	
8/10/2016	<0.001	
10/4/2016	<0.001	
11/30/2016	<0.001	
2/7/2017	<0.001	
4/4/2017	<0.001	
6/20/2017	<0.001	
10/4/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	<0.001	
3/18/2020	<0.001	
9/9/2020	0.00025 (J)	
4/1/2021	<0.001	
8/11/2021	<0.001	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/28/2023	<0.001	
8/3/2023	<0.001	
3/4/2024	<0.001	
8/6/2024	<0.001	
2/25/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-16	GWA-16
5/9/2010	<0.001	
6/16/2010	<0.001	
7/27/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	<0.001	
10/28/2011	<0.001	
5/2/2012	<0.001	
11/9/2012	<0.001	
5/8/2013	0.0003 (J)	
11/6/2013	<0.001	
5/20/2014	<0.001	
11/8/2014	<0.001	
5/22/2015	<0.001	
11/9/2015	<0.001	
4/6/2016	<0.001	
6/15/2016	<0.001	
8/10/2016	<0.001	
10/4/2016	<0.001	
11/29/2016	<0.001	
2/7/2017	<0.001	
4/4/2017	<0.001	
6/20/2017	<0.001	
10/5/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	0.00021 (J)	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/1/2021	<0.001	
8/11/2021	<0.001	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/28/2023	<0.001	
8/3/2023	<0.001	
2/28/2024	<0.001	
8/6/2024	<0.001	
2/25/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17	GWA-17
5/8/2010	<0.001	
6/16/2010	<0.001	
7/26/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	<0.001	
10/28/2011	<0.001	
5/2/2012	<0.001	
11/9/2012	<0.001	
5/8/2013	<0.001	
11/6/2013	<0.001	
5/20/2014	<0.001	
11/8/2014	<0.001	
5/22/2015	<0.001	
11/9/2015	<0.001	
4/6/2016	<0.001	
6/15/2016	<0.001	
8/10/2016	<0.001	
10/5/2016	<0.001	
11/29/2016	<0.001	
2/7/2017	<0.001	
4/4/2017	<0.001	
6/20/2017	<0.001	
10/5/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	0.00023 (J)	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/1/2021	<0.001	
8/11/2021	<0.001	
2/15/2022	<0.001	
8/24/2022	<0.001	
2/28/2023	<0.001	
8/3/2023	<0.001	
2/28/2024	<0.001	
8/6/2024	<0.001	
2/26/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-1	GWC-1
5/11/2010	<0.001	
6/17/2010	<0.001	
7/27/2010	<0.001	
9/9/2010	<0.001	
4/28/2011	<0.001	
10/29/2011	<0.001	
5/3/2012	<0.001	
11/9/2012	<0.001	
5/9/2013	<0.001	
11/5/2013	<0.001	
5/23/2014	<0.001	
11/13/2014	<0.001	
5/23/2015	<0.001	
11/11/2015	<0.001	
4/12/2016	<0.001	
6/16/2016	<0.001	
8/11/2016	<0.001	
10/4/2016	<0.001	
11/30/2016	<0.001	
2/7/2017	<0.001	
4/5/2017	<0.001	
6/20/2017	<0.001	
10/4/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	<0.001	
3/18/2020	0.00049 (J)	
9/9/2020	<0.001	
4/1/2021	0.00027 (J)	
8/18/2021	<0.001	
2/15/2022	<0.001	
8/24/2022	<0.001	
2/27/2023	<0.001	
8/9/2023	<0.001	
3/1/2024	<0.001	
8/6/2024	<0.001	
2/25/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-2	GWC-2
5/11/2010	<0.001	
6/19/2010	<0.001	
7/27/2010	<0.001	
9/9/2010	<0.001	
4/28/2011	<0.001	
10/28/2011	<0.001	
5/3/2012	<0.001	
11/9/2012	<0.001	
5/9/2013	<0.001	
11/5/2013	<0.001	
5/22/2014	<0.001	
11/13/2014	<0.001	
5/24/2015	<0.001	
11/11/2015	<0.001	
4/12/2016	<0.001	
6/16/2016	<0.001	
8/11/2016	<0.001	
10/4/2016	<0.001	
11/30/2016	<0.001	
2/7/2017	<0.001	
4/6/2017	<0.001	
6/20/2017	<0.001	
10/4/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	<0.001	
3/18/2020	0.00025 (J)	
9/9/2020	<0.001	
4/1/2021	<0.001	
8/12/2021	<0.001	
2/15/2022	<0.001	
8/26/2022	<0.001	
2/27/2023	<0.001	
8/9/2023	<0.001	
3/1/2024	<0.001	
8/6/2024	<0.001	
2/25/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
5/11/2010	<0.001	
6/17/2010	<0.001	
7/28/2010	<0.001	
9/8/2010	<0.001	
4/28/2011	<0.001	
10/29/2011	<0.001	
5/3/2012	<0.001	
11/10/2012	<0.001	
5/10/2013	<0.001	
11/6/2013	<0.001	
5/22/2014	<0.001	
11/9/2014	<0.001	
5/22/2015	<0.001	
11/11/2015	<0.001	
4/12/2016	<0.001	
6/20/2016	<0.001	
8/12/2016	<0.001	
10/6/2016	<0.001	
11/30/2016	<0.001	
2/8/2017	<0.001	
4/6/2017	<0.001	
6/22/2017	<0.001	
10/6/2017	<0.001	
3/21/2018	<0.001	
10/3/2018	<0.001	
3/26/2019	<0.001	
9/10/2019	<0.001	
3/19/2020	0.00036 (J)	
9/10/2020	<0.001	
4/2/2021	<0.001	
8/12/2021	<0.001	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/27/2023	<0.001	
8/8/2023	<0.001	
2/29/2024	<0.001	
8/7/2024	<0.001	
2/25/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-5	GWC-5
5/11/2010	<0.001	
6/18/2010	<0.001	
7/27/2010	<0.001	
9/9/2010	<0.001	
4/29/2011	<0.001	
10/28/2011	<0.001	
5/4/2012	<0.001	
11/10/2012	<0.001	
5/9/2013	<0.001	
11/6/2013	<0.001	
5/22/2014	<0.001	
11/9/2014	<0.001	
5/24/2015	<0.001	
11/11/2015	<0.001	
4/19/2016	<0.001	
6/22/2016	<0.001	
8/16/2016	<0.001	
10/6/2016	<0.001	
12/1/2016	<0.001	
2/9/2017	<0.001	
4/6/2017	<0.001	
6/21/2017	<0.001	
10/5/2017	<0.001	
3/22/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/1/2021	<0.001	
8/12/2021	0.00037 (J)	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/28/2023	<0.001	
8/8/2023	<0.001	
2/29/2024	<0.001	
8/6/2024	<0.001	
2/25/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-6	GWC-6
5/11/2010	<0.001	
6/18/2010	<0.001	
7/27/2010	<0.001	
9/9/2010	<0.001	
4/30/2011	<0.001	
10/29/2011	<0.001	
5/4/2012	<0.001	
11/10/2012	<0.001	
5/9/2013	<0.001	
11/7/2013	<0.001	
5/21/2014	<0.001	
11/9/2014	<0.001	
5/24/2015	<0.001	
11/11/2015	<0.001	
4/12/2016	<0.001	
6/20/2016	<0.001	
8/12/2016	<0.001	
10/6/2016	<0.001	
11/30/2016	<0.001	
2/9/2017	<0.001	
4/6/2017	<0.001	
6/21/2017	<0.001	
10/6/2017	<0.001	
3/21/2018	<0.001	
10/3/2018	<0.001	
3/26/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	<0.001	
9/10/2020	<0.001	
4/5/2021	0.0003 (J)	
8/11/2021	0.0002 (J)	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/27/2023	<0.001	
8/8/2023	<0.001	
2/29/2024	<0.001	
8/7/2024	<0.001	
2/24/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-7	GWC-7
5/10/2010	<0.001	
6/18/2010	<0.001	
7/28/2010	<0.001	
9/9/2010	<0.001	
4/30/2011	<0.001	
10/29/2011	0.00027 (J)	
5/4/2012	<0.001	
11/10/2012	<0.001	
5/9/2013	<0.001	
11/7/2013	0.00026 (J)	
5/21/2014	<0.001	
11/12/2014	<0.001	
5/24/2015	<0.001	
11/11/2015	<0.001	
4/13/2016	<0.001	
6/20/2016	<0.001	
8/15/2016	<0.001	
10/6/2016	<0.001	
12/1/2016	<0.001	
2/9/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/6/2017	<0.001	
3/22/2018	<0.001	
10/4/2018	<0.001	
3/27/2019	<0.001	
9/11/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	0.00019 (J)	
4/1/2021	<0.001	
8/11/2021	0.00043 (J)	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/27/2023	<0.001	
8/8/2023	<0.001	
2/29/2024	<0.001	
8/6/2024	<0.001	
2/24/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-8A
5/10/2010	<0.001	
6/19/2010	<0.001	
7/28/2010	<0.001	
9/8/2010	<0.001	
4/30/2011	<0.001	
10/27/2011	<0.001	
5/4/2012	<0.001	
11/11/2012	<0.001	
5/10/2013	<0.001	
11/7/2013	<0.001	
5/21/2014	<0.001	
11/13/2014	<0.001	
5/23/2015	<0.001	
11/11/2015	<0.001	
4/19/2016	<0.001	
10/10/2016	<0.001	
12/1/2016	<0.001	
2/9/2017	<0.001	
4/7/2017	<0.001	
6/21/2017	<0.001	
8/15/2017	<0.001	
9/1/2017	<0.001	
10/9/2017	<0.001	
3/22/2018	<0.001	
10/4/2018	<0.001	
3/27/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/5/2021	0.00081 (J)	
8/12/2021	0.00043 (J)	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/27/2023	<0.001	
8/8/2023	<0.001	
2/29/2024	<0.001	
8/6/2024	<0.001	
2/24/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-9	GWC-9
5/10/2010	<0.001	
6/16/2010	<0.001	
7/27/2010	<0.001	
9/8/2010	<0.001	
4/29/2011	<0.001	
10/27/2011	<0.001	
5/3/2012	<0.001	
11/11/2012	<0.001	
5/9/2013	<0.001	
11/6/2013	<0.001	
5/21/2014	<0.001	
11/12/2014	<0.001	
5/23/2015	<0.001	
11/12/2015	<0.001	
4/13/2016	<0.001	
6/22/2016	<0.001	
8/15/2016	<0.001	
10/6/2016	<0.001	
12/1/2016	<0.001	
2/8/2017	<0.001	
4/6/2017	<0.001	
6/21/2017	<0.001	
10/5/2017	<0.001	
3/21/2018	<0.001	
10/2/2018	<0.001	
3/27/2019	<0.001	
9/11/2019	<0.001	
3/18/2020	<0.001	
9/9/2020	<0.001	
4/1/2021	<0.001	
8/12/2021	0.00016 (J)	
2/15/2022	<0.001	
8/25/2022	<0.001	
2/27/2023	<0.001	
8/8/2023	<0.001	
3/1/2024	<0.001	
8/6/2024	<0.001	
2/24/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-19	GWC-19
5/11/2010	<0.001	
6/16/2010	<0.001	
7/27/2010	<0.001	
9/7/2010	<0.001	
4/29/2011	<0.001	
10/28/2011	<0.001	
5/2/2012	<0.001	
11/9/2012	<0.001	
5/9/2013	<0.001	
11/6/2013	<0.001	
5/22/2014	<0.001	
11/8/2014	<0.001	
5/22/2015	<0.001	
11/10/2015	<0.001	
4/11/2016	<0.001	
6/16/2016	<0.001	
8/11/2016	<0.001	
10/5/2016	<0.001	
11/29/2016	<0.001	
2/8/2017	<0.001	
4/5/2017	<0.001	
6/21/2017	<0.001	
10/5/2017	<0.001	
3/20/2018	<0.001	
10/2/2018	<0.001	
3/26/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/9/2020	<0.001	
4/5/2021	0.00032 (J)	
8/11/2021	<0.001	
2/16/2022	<0.001	
8/25/2022	<0.001	
2/28/2023	<0.001	
8/8/2023	<0.001	
2/29/2024	<0.001	
8/6/2024	<0.001	
2/25/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15	GWA-15
5/9/2010	<0.002	
6/18/2010	<0.002	
7/28/2010	<0.002	
9/9/2010	<0.002	
4/30/2011	<0.002	
10/28/2011	<0.002	
5/2/2012	<0.002	
11/9/2012	<0.002	
5/8/2013	<0.002	
11/5/2013	<0.002	
5/20/2014	<0.002	
11/12/2014	0.0035 (J)	
5/22/2015	<0.002	
11/11/2015	<0.002	
4/6/2016	<0.002	
10/4/2016	0.0031	
4/4/2017	<0.002	
10/4/2017	0.0021 (J)	
3/20/2018	<0.002	
10/2/2018	<0.002	
3/26/2019	<0.002	
9/10/2019	0.0022	
3/18/2020	0.0011	
9/9/2020	<0.002	
4/1/2021	<0.002	
8/11/2021	<0.002	
2/15/2022	<0.002	
8/25/2022	<0.002	
2/28/2023	0.0011	
8/3/2023	<0.002	
3/4/2024	0.00066 (J)	
8/6/2024	<0.002	
2/25/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-16	GWA-16
5/9/2010	0.0049 (J)	
6/16/2010	0.0054 (J)	
7/27/2010	0.0055 (J)	
9/7/2010	0.005 (J)	
4/29/2011	0.005 (J)	
10/28/2011	0.0081 (J)	
5/2/2012	0.0059 (J)	
11/9/2012	0.0062 (J)	
5/8/2013	0.0079 (J)	
11/6/2013	0.0068 (J)	
5/20/2014	0.0074 (J)	
11/8/2014	0.0097 (J)	
5/22/2015	0.0085 (J)	
11/9/2015	<0.01	
4/6/2016	0.00726 (J)	
10/4/2016	0.013	
4/4/2017	0.0046	
10/5/2017	0.0071	
3/20/2018	0.0067	
10/2/2018	0.0069	
3/26/2019	0.007	
9/10/2019	0.01	
3/18/2020	0.0078	
9/9/2020	0.0072	
4/1/2021	0.0078	
8/11/2021	0.0082	
2/15/2022	0.0077	
8/25/2022	0.0079	
2/28/2023	0.0087	
8/3/2023	0.0086	
2/28/2024	0.0087	
8/6/2024	0.0082	
2/25/2025		0.0069

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17	GWA-17
5/8/2010	0.0024 (J)	
6/16/2010	0.002 (J)	
7/26/2010	<0.01	
9/7/2010	0.0026 (J)	
4/29/2011	0.0036 (J)	
10/28/2011	<0.01	
5/2/2012	0.003 (J)	
11/9/2012	0.0081 (J)	
5/8/2013	<0.01	
11/6/2013	0.0032 (J)	
5/20/2014	0.0036 (J)	
11/8/2014	0.0065 (J)	
5/22/2015	<0.01	
11/9/2015	0.0047 (J)	
4/6/2016	0.00424 (J)	
10/5/2016	0.0049	
4/4/2017	0.0048	
10/5/2017	0.0024 (J)	
3/20/2018	0.0041	
10/2/2018	0.004	
3/26/2019	0.0051	
9/10/2019	0.0091	
3/18/2020	0.0051	
9/9/2020	0.0053	
4/1/2021	0.005	
8/11/2021	0.0055	
2/15/2022	0.0052	
8/24/2022	0.0051	
2/28/2023	0.0057	
8/3/2023	0.0041	
2/28/2024	0.0056	
8/6/2024	0.0055	
2/26/2025		0.011

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-1	GWC-1
5/11/2010	0.012	
6/17/2010	0.0082 (J)	
7/27/2010	0.0096 (J)	
9/9/2010	0.0098 (J)	
4/28/2011	0.0085 (J)	
10/29/2011	0.011	
5/3/2012	0.013	
11/9/2012	0.013	
5/9/2013	0.012	
11/5/2013	0.015	
5/23/2014	0.015	
11/13/2014	0.02	
5/23/2015	0.018	
11/11/2015	0.018	
4/12/2016	0.0173	
10/4/2016	0.021	
4/5/2017	0.017	
10/4/2017	0.02	
3/20/2018	0.016	
10/2/2018	0.017	
3/26/2019	0.017	
9/10/2019	0.02	
3/18/2020	0.02	
9/9/2020	0.018	
4/1/2021	0.019	
8/18/2021	0.018	
2/15/2022	0.018	
8/24/2022	0.017	
2/27/2023	0.019	
8/9/2023	0.019	
3/1/2024	0.018	
8/6/2024	0.019	
2/25/2025		0.017

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-2	GWC-2
5/11/2010	0.0078 (J)	
6/19/2010	<0.01	
7/27/2010	0.0096 (J)	
9/9/2010	0.0095 (J)	
4/28/2011	0.01	
10/28/2011	0.014	
5/3/2012	0.013	
11/9/2012	0.012	
5/9/2013	0.012	
11/5/2013	0.014	
5/22/2014	0.013	
11/13/2014	0.016	
5/24/2015	0.014	
11/11/2015	0.014	
4/12/2016	0.0155	
10/4/2016	0.017	
4/6/2017	0.015	
10/4/2017	0.015	
3/20/2018	0.014	
10/2/2018	0.015	
3/26/2019	0.016	
9/10/2019	0.018	
3/18/2020	0.016	
9/9/2020	0.014	
4/1/2021	0.014	
8/12/2021	0.016	
2/15/2022	0.016	
8/26/2022	0.015	
2/27/2023	0.016	
8/9/2023	0.016	
3/1/2024	0.015	
8/6/2024	0.016	
2/25/2025		0.013

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-3
5/11/2010	0.0046 (J)	
6/17/2010	0.0046 (J)	
7/28/2010	0.019 (O)	
9/7/2010	0.0072 (J)	
4/29/2011	0.0052 (J)	
10/28/2011	0.0059 (J)	
5/3/2012	0.0049 (J)	
11/9/2012	0.007 (J)	
5/10/2013	0.0094 (J)	
11/6/2013	0.0059 (J)	
5/22/2014	0.0057 (J)	
11/9/2014	0.0069 (J)	
5/22/2015	0.006 (J)	
11/10/2015	0.011	
4/12/2016	0.00503 (J)	
10/5/2016	0.0072	
4/6/2017	0.0056	
10/5/2017	0.0061	
3/21/2018	0.0097	
10/3/2018	0.0053	
3/26/2019	0.0076	
9/10/2019	0.0078	
3/18/2020	0.0051	
9/10/2020	0.0061	
4/6/2021	0.0075	
8/12/2021	0.0087	
2/15/2022	0.0064	
8/25/2022	0.0072	
2/28/2023	0.0066	
8/9/2023	0.0057	
3/4/2024	0.0051	
8/7/2024	0.0054	
2/25/2025		0.0042

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
5/11/2010	0.0068 (J)	
6/17/2010	0.0079 (J)	
7/28/2010	0.0077 (J)	
9/8/2010	0.0077 (J)	
4/28/2011	0.0099 (J)	
10/29/2011	0.006 (J)	
5/3/2012	0.0084 (J)	
11/10/2012	0.0061 (J)	
5/10/2013	0.009 (J)	
11/6/2013	0.0089 (J)	
5/22/2014	0.0084 (J)	
11/9/2014	0.0076 (J)	
5/22/2015	0.011	
11/11/2015	0.0034 (J)	
4/12/2016	0.00654 (J)	
10/6/2016	0.0086	
4/6/2017	0.0073	
10/6/2017	0.0087	
3/21/2018	0.0058	
10/3/2018	0.006	
3/26/2019	0.011	
9/10/2019	0.0086	
3/19/2020	0.0065	
9/10/2020	0.0068	
4/2/2021	0.0081	
8/12/2021	0.007	
2/15/2022	0.0059	
8/25/2022	0.0059	
2/27/2023	0.0056	
8/8/2023	0.0056	
2/29/2024	0.0049	
8/7/2024	0.0038	
2/25/2025		0.0041

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-5	GWC-5
5/11/2010	0.0038 (J)	
6/18/2010	0.0044 (J)	
7/27/2010	0.0054 (J)	
9/9/2010	0.0053 (J)	
4/29/2011	0.0039 (J)	
10/28/2011	<0.0025	
5/4/2012	<0.0025	
11/10/2012	0.0035 (J)	
5/9/2013	0.004 (J)	
11/6/2013	0.0034 (J)	
5/22/2014	0.0047 (J)	
11/9/2014	0.0067 (J)	
5/24/2015	0.0033 (J)	
11/11/2015	<0.0025	
4/19/2016	<0.0025	
10/6/2016	<0.0025	
4/6/2017	0.0018 (J)	
10/5/2017	<0.0025	
3/22/2018	0.0018 (J)	
10/3/2018	0.0018 (J)	
3/27/2019	0.002 (J)	
9/11/2019	0.0047	
3/18/2020	0.002	
9/9/2020	0.002	
4/1/2021	0.0027	
8/12/2021	0.0021	
2/15/2022	0.0026	
8/25/2022	0.0026	
2/28/2023	0.003	
8/8/2023	0.0018 (J)	
2/29/2024	0.0029	
8/6/2024	0.0023	
2/25/2025		0.0023

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-6	GWC-6
5/11/2010	0.0055 (J)	
6/18/2010	0.0071 (J)	
7/27/2010	0.0085 (J)	
9/9/2010	0.0088 (J)	
4/30/2011	0.0094 (J)	
10/29/2011	0.009 (J)	
5/4/2012	0.0084 (J)	
11/10/2012	0.0089 (J)	
5/9/2013	0.0071 (J)	
11/7/2013	0.0094 (J)	
5/21/2014	0.0082 (J)	
11/9/2014	0.013	
5/24/2015	0.009 (J)	
11/11/2015	0.0052 (J)	
4/12/2016	0.00896 (J)	
10/6/2016	0.009	
4/6/2017	0.0089	
10/6/2017	0.011	
3/21/2018	0.0077	
10/3/2018	0.0081	
3/26/2019	0.012	
9/11/2019	0.012	
3/18/2020	0.0099	
9/10/2020	0.0094	
4/5/2021	0.0091	
8/11/2021	0.0099	
2/15/2022	0.0094	
8/25/2022	0.011	
2/27/2023	0.0097	
8/8/2023	0.0094	
2/29/2024	0.0093	
8/7/2024	0.0091	
2/24/2025		0.011

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-7	GWC-7
5/10/2010	0.011	
6/18/2010	0.017	
7/28/2010	0.012	
9/9/2010	0.013	
4/30/2011	0.012	
10/29/2011	0.013	
5/4/2012	0.012	
11/10/2012	0.012	
5/9/2013	0.013	
11/7/2013	0.014	
5/21/2014	0.013	
11/12/2014	0.015	
5/24/2015	0.015	
11/11/2015	0.0055 (J)	
4/13/2016	0.0127	
10/6/2016	0.012	
4/7/2017	0.013	
10/6/2017	0.015	
3/22/2018	0.012	
10/4/2018	0.012	
3/27/2019	0.013	
9/11/2019	0.015	
3/19/2020	0.014	
9/10/2020	0.014	
4/1/2021	0.014	
8/11/2021	0.013	
2/15/2022	0.013	
8/25/2022	0.014	
2/27/2023	0.014	
8/8/2023	0.012	
2/29/2024	0.013	
8/6/2024	0.013	
2/24/2025		0.013

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-8A
5/10/2010	0.013	
6/19/2010	0.0075 (J)	
7/28/2010	0.01	
9/8/2010	0.038	
4/30/2011	0.053 (O)	
10/27/2011	0.016	
5/4/2012	0.018	
11/11/2012	0.025	
5/10/2013	0.09 (O)	
11/7/2013	0.02	
5/21/2014	0.016	
11/13/2014	0.065 (O)	
5/23/2015	0.032	
11/11/2015	0.033	
4/19/2016	0.0233	
10/10/2016	0.019	
4/7/2017	0.0044	
10/9/2017	0.0047	
3/22/2018	0.0043	
10/4/2018	<0.002	
3/27/2019	0.003	
9/11/2019	0.0042	
3/18/2020	0.0031	
9/9/2020	<0.002	
4/5/2021	0.0023	
8/12/2021	<0.002	
2/15/2022	0.00079 (J)	
8/25/2022	0.0023	
2/27/2023	0.0019	
8/8/2023	<0.002	
2/29/2024	<0.002	
8/6/2024	<0.002	
2/24/2025		0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-9	GWC-9
5/10/2010	0.0097 (J)	
6/16/2010	0.01	
7/27/2010	0.012	
9/8/2010	0.013	
4/29/2011	0.0097 (J)	
10/27/2011	0.015	
5/3/2012	0.017	
11/11/2012	0.017	
5/9/2013	0.014	
11/6/2013	0.019	
5/21/2014	0.016	
11/12/2014	0.022	
5/23/2015	0.016	
11/12/2015	0.015	
4/13/2016	0.0144	
10/6/2016	0.02	
4/6/2017	0.016	
10/5/2017	0.024	
3/21/2018	0.018	
10/2/2018	0.021	
3/27/2019	0.019	
9/11/2019	0.025	
3/18/2020	0.012	
9/9/2020	0.022	
4/1/2021	0.0095	
8/12/2021	0.02	
2/15/2022	0.017	
8/25/2022	0.025	
2/27/2023	0.018	
8/8/2023	0.019	
3/1/2024	0.016	
8/6/2024	0.02	
2/24/2025		0.01

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-10	GWC-10
5/10/2010	0.011	
6/16/2010	0.01	
7/28/2010	0.011	
9/8/2010	0.011	
4/29/2011	0.01	
10/27/2011	0.014	
5/4/2012	0.0096 (J)	
11/11/2012	0.011	
5/9/2013	0.011	
11/5/2013	0.013	
5/21/2014	0.012	
11/12/2014	0.016	
5/23/2015	0.011	
11/12/2015	0.0053 (J)	
4/13/2016	0.0124	
10/5/2016	0.013	
4/6/2017	0.013	
10/5/2017	0.015	
3/21/2018	0.012	
10/2/2018	0.012	
3/27/2019	0.012	
9/11/2019	0.017	
3/18/2020	0.013	
9/9/2020	0.012	
4/1/2021	0.013	
8/17/2021	0.026	
10/18/2021	0.013	
2/15/2022	0.012	
8/25/2022	0.011	
2/21/2023	0.012	
8/9/2023	0.013	
3/1/2024	0.013	
8/6/2024	0.01	
2/24/2025		0.013

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-11	GWC-11
5/10/2010	0.009 (J)	
6/16/2010	0.0089 (J)	
7/27/2010	0.0089 (J)	
9/8/2010	0.009 (J)	
4/29/2011	0.0082 (J)	
10/27/2011	0.009 (J)	
5/4/2012	0.0091 (J)	
11/10/2012	0.0096 (J)	
5/9/2013	0.01	
11/6/2013	0.01	
5/20/2014	0.011	
11/12/2014	0.012	
5/24/2015	0.012	
11/12/2015	<0.01	
4/13/2016	0.00976 (J)	
10/5/2016	0.013	
4/6/2017	0.011	
10/5/2017	0.013	
3/21/2018	0.0098	
10/2/2018	0.01	
3/27/2019	0.012	
9/11/2019	0.015	
3/18/2020	0.011	
9/10/2020	0.01	
4/1/2021	0.011	
8/11/2021	0.011	
2/16/2022	0.0099	
8/25/2022	0.0099	
2/27/2023	0.012	
8/9/2023	0.0099	
2/29/2024	0.011	
8/6/2024	0.0089	
2/24/2025		0.011

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-12	GWC-12
5/9/2010	<0.002	
6/18/2010	<0.002	
7/27/2010	<0.002	
9/8/2010	<0.002	
4/29/2011	<0.002	
10/28/2011	<0.002	
5/3/2012	<0.002	
11/10/2012	<0.002	
5/9/2013	<0.002	
11/6/2013	<0.002	
5/20/2014	<0.002	
11/12/2014	0.0032 (J)	
5/23/2015	<0.002	
11/12/2015	<0.002	
4/13/2016	<0.002	
10/5/2016	<0.002	
4/5/2017	<0.002	
10/5/2017	0.0022 (J)	
3/21/2018	<0.002	
10/2/2018	<0.002	
3/26/2019	0.0029	
9/11/2019	0.0052	
3/18/2020	<0.002	
9/10/2020	<0.002	
4/1/2021	<0.002	
8/11/2021	<0.002	
2/16/2022	<0.002	
8/26/2022	<0.002	
2/27/2023	0.0014	
8/9/2023	<0.002	
2/29/2024	<0.002	
8/6/2024	<0.002	
2/24/2025		0.00072 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-13
5/9/2010	<0.002	
6/18/2010	<0.002	
7/29/2010	<0.002	
9/9/2010	<0.002	
4/26/2011	<0.002	
10/28/2011	<0.002	
5/4/2012	<0.002	
11/11/2012	<0.002	
5/8/2013	0.0039 (J)	
11/7/2013	<0.002	
5/20/2014	<0.002	
11/12/2014	0.004 (J)	
5/24/2015	<0.002	
11/12/2015	<0.002	
4/13/2016	<0.002	
10/7/2016	<0.002	
4/6/2017	<0.002	
10/6/2017	0.0032	
3/22/2018	<0.002	
10/3/2018	<0.002	
3/26/2019	0.0041	
9/11/2019	0.0062	
3/18/2020	0.001	
9/10/2020	0.0011	
4/6/2021	0.0028	
8/11/2021	0.0013	
2/16/2022	0.0011	
8/26/2022	0.0016	
2/27/2023	0.0021	
8/9/2023	0.0016 (J)	
3/1/2024	0.0011 (J)	
8/6/2024	<0.002	
2/24/2025		0.0022

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-14	GWC-14
5/9/2010	<0.002	
6/18/2010	<0.002	
7/28/2010	<0.002	
9/9/2010	<0.002	
4/30/2011	<0.002	
10/28/2011	<0.002	
5/3/2012	<0.002	
11/10/2012	<0.002	
5/8/2013	<0.002	
11/5/2013	<0.002	
5/20/2014	<0.002	
11/12/2014	<0.002	
5/24/2015	<0.002	
11/11/2015	<0.002	
4/13/2016	<0.002	
10/4/2016	0.0026	
4/6/2017	<0.002	
10/5/2017	0.0024 (J)	
3/20/2018	<0.002	
10/2/2018	<0.002	
3/26/2019	0.0034	
9/11/2019	0.0062	
3/18/2020	<0.002	
9/9/2020	<0.002	
4/1/2021	0.0013	
8/11/2021	0.0012	
2/16/2022	0.00091 (J)	
8/26/2022	0.0017	
2/27/2023	0.002	
8/9/2023	0.00079 (J)	
3/1/2024	<0.002	
8/8/2024	<0.002	
2/25/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-18	GWC-18
5/10/2010	0.0052 (J)	
6/16/2010	0.0059 (J)	
7/26/2010	0.0052 (J)	
9/7/2010	0.0056 (J)	
4/29/2011	0.005 (J)	
10/28/2011	0.0048 (J)	
5/2/2012	0.0057 (J)	
11/9/2012	0.0057 (J)	
5/8/2013	0.0069 (J)	
11/6/2013	0.0052 (J)	
5/23/2014	0.0081 (J)	
11/8/2014	0.01	
5/22/2015	0.0052 (J)	
11/10/2015	<0.01	
4/11/2016	0.00604 (J)	
10/5/2016	0.0075	
4/6/2017	0.0065	
10/5/2017	0.0052	
3/20/2018	0.0064	
10/2/2018	0.0064	
3/26/2019	0.0094	
9/11/2019	0.011	
3/18/2020	0.0075	
9/9/2020	0.007	
4/1/2021	0.0081	
8/11/2021	0.008	
2/16/2022	0.0066	
8/25/2022	0.007	
2/28/2023	0.0072	
8/9/2023	0.0061	
2/29/2024	0.0069	
8/6/2024	0.0066	
2/25/2025		0.006

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-19	GWC-19
5/11/2010	0.0064 (J)	
6/16/2010	0.0061 (J)	
7/27/2010	0.006 (J)	
9/7/2010	0.0066 (J)	
4/29/2011	0.0066 (J)	
10/28/2011	0.0057 (J)	
5/2/2012	0.006 (J)	
11/9/2012	0.0073 (J)	
5/9/2013	0.0069 (J)	
11/6/2013	0.0077 (J)	
5/22/2014	0.0075 (J)	
11/8/2014	0.0081 (J)	
5/22/2015	0.01	
11/10/2015	0.0033 (J)	
4/11/2016	0.00756 (J)	
10/5/2016	0.0084	
4/5/2017	0.0086	
10/5/2017	0.0062	
3/20/2018	0.0072	
10/2/2018	0.0073	
3/26/2019	0.0094	
9/12/2019	0.0083	
3/19/2020	0.008	
9/9/2020	0.0071	
4/5/2021	0.0068	
8/11/2021	0.0076	
2/16/2022	0.0068	
8/25/2022	0.0068	
2/28/2023	0.0078	
8/8/2023	0.007	
2/29/2024	0.0078	
8/6/2024	0.0075	
2/25/2025		0.0067

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-20	GWC-20
5/11/2010	0.014	
6/17/2010	0.014	
7/27/2010	0.016	
9/7/2010	0.017	
4/29/2011	0.015	
10/28/2011	0.016	
5/3/2012	0.016	
11/10/2012	0.018	
5/9/2013	0.019	
11/6/2013	0.019	
5/22/2014	0.018	
11/9/2014	0.02	
5/22/2015	0.016	
11/10/2015	0.01	
4/12/2016	0.019	
10/5/2016	0.016	
4/6/2017	0.02	
10/5/2017	0.02	
3/21/2018	0.021	
10/3/2018	0.017	
3/26/2019	0.018	
9/12/2019	0.02	
3/19/2020	0.019	
9/10/2020	0.018	
4/5/2021	0.017	
8/11/2021	0.019	
2/16/2022	0.018	
8/25/2022	0.018	
2/28/2023	0.019	
8/8/2023	0.018	
3/1/2024	0.019	
8/6/2024	0.017	
2/25/2025		0.016

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15	GWA-15
5/9/2010	<0.005	
6/18/2010	<0.005	
7/28/2010	<0.005	
9/9/2010	<0.005	
4/30/2011	<0.005	
10/28/2011	<0.005	
5/2/2012	<0.005	
11/9/2012	<0.005	
5/8/2013	<0.005	
11/5/2013	<0.005	
5/20/2014	<0.005	
11/12/2014	<0.005	
5/22/2015	<0.005	
11/11/2015	<0.005	
4/6/2016	<0.005	
10/4/2016	<0.005	
4/4/2017	<0.005	
10/4/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	0.006	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/11/2021	<0.005	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/28/2023	<0.005	
8/3/2023	<0.005	
3/4/2024	<0.005	
8/6/2024	<0.005	
2/25/2025		0.0034 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-16	GWA-16
5/9/2010	<0.005	
6/16/2010	<0.005	
7/27/2010	<0.005	
9/7/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/2/2012	<0.005	
11/9/2012	<0.005	
5/8/2013	<0.005	
11/6/2013	<0.005	
5/20/2014	<0.005	
11/8/2014	<0.005	
5/22/2015	<0.005	
11/9/2015	<0.005	
4/6/2016	<0.005	
10/4/2016	<0.005	
4/4/2017	<0.005	
10/5/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	0.0047 (J)	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/11/2021	<0.005	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/28/2023	<0.005	
8/3/2023	0.0035 (J)	
2/28/2024	<0.005	
8/6/2024	<0.005	
2/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17	GWA-17
5/8/2010	<0.005	
6/16/2010	<0.005	
7/26/2010	<0.005	
9/7/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/2/2012	<0.005	
11/9/2012	<0.005	
5/8/2013	<0.005	
11/6/2013	<0.005	
5/20/2014	<0.005	
11/8/2014	<0.005	
5/22/2015	<0.005	
11/9/2015	<0.005	
4/6/2016	0.00274 (J)	
10/5/2016	0.0073 (J)	
4/4/2017	<0.005	
10/5/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	0.0084	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/11/2021	<0.005	
2/15/2022	<0.005	
8/24/2022	<0.005	
2/28/2023	<0.005	
8/3/2023	<0.005	
2/28/2024	<0.005	
8/6/2024	<0.005	
2/26/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-1	GWC-1
5/11/2010	<0.005	
6/17/2010	<0.005	
7/27/2010	<0.005	
9/9/2010	<0.005	
4/28/2011	<0.005	
10/29/2011	<0.005	
5/3/2012	<0.005	
11/9/2012	<0.005	
5/9/2013	<0.005	
11/5/2013	<0.005	
5/23/2014	<0.005	
11/13/2014	<0.005	
5/23/2015	<0.005	
11/11/2015	<0.005	
4/12/2016	<0.005	
10/4/2016	<0.005	
4/5/2017	<0.005	
10/4/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	0.0038 (J)	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/18/2021	<0.005	
2/15/2022	<0.005	
8/24/2022	0.0039 (J)	
2/27/2023	<0.005	
8/9/2023	<0.005	
3/1/2024	0.004 (J)	
8/6/2024	<0.005	
2/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-2	GWC-2
5/11/2010	<0.005	
6/19/2010	<0.005	
7/27/2010	<0.005	
9/9/2010	<0.005	
4/28/2011	<0.005	
10/28/2011	<0.005	
5/3/2012	<0.005	
11/9/2012	<0.005	
5/9/2013	<0.005	
11/5/2013	<0.005	
5/22/2014	<0.005	
11/13/2014	<0.005	
5/24/2015	<0.005	
11/11/2015	<0.005	
4/12/2016	<0.005	
10/4/2016	<0.005	
4/6/2017	<0.005	
10/4/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	0.004 (J)	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	0.01	
8/12/2021	<0.005	
2/15/2022	<0.005	
8/26/2022	<0.005	
2/27/2023	<0.005	
8/9/2023	0.0046 (J)	
3/1/2024	<0.005	
8/6/2024	<0.005	
2/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-3
5/11/2010	0.018 (JO)	
6/17/2010	<0.005	
7/28/2010	0.016 (JO)	
9/7/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/3/2012	<0.005	
11/9/2012	<0.005	
5/10/2013	<0.005	
11/6/2013	<0.005	
5/22/2014	<0.005	
11/9/2014	<0.005	
5/22/2015	<0.005	
11/10/2015	<0.005	
4/12/2016	<0.005	
10/5/2016	0.01 (JO)	
4/6/2017	<0.005	
10/5/2017	<0.005	
3/21/2018	<0.005	
10/3/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	0.0069	
3/18/2020	<0.005	
9/10/2020	<0.005	
4/6/2021	<0.005	
8/12/2021	0.0035 (J)	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/28/2023	<0.005	
8/9/2023	<0.005	
3/4/2024	<0.005	
8/7/2024	0.0028 (J)	
2/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
5/11/2010	<0.005	
6/17/2010	<0.005	
7/28/2010	<0.005	
9/8/2010	<0.005	
4/28/2011	<0.005	
10/29/2011	<0.005	
5/3/2012	<0.005	
11/10/2012	<0.005	
5/10/2013	<0.005	
11/6/2013	<0.005	
5/22/2014	<0.005	
11/9/2014	<0.005	
5/22/2015	<0.005	
11/11/2015	<0.005	
4/12/2016	0.00203 (J)	
10/6/2016	<0.005	
4/6/2017	<0.005	
10/6/2017	<0.005	
3/21/2018	<0.005	
10/3/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	0.006	
3/19/2020	<0.005	
9/10/2020	<0.005	
4/2/2021	<0.005	
8/12/2021	<0.005	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/27/2023	<0.005	
8/8/2023	<0.005	
2/29/2024	<0.005	
8/7/2024	<0.005	
2/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-5	GWC-5
5/11/2010	<0.005	
6/18/2010	<0.005	
7/27/2010	<0.005	
9/9/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/4/2012	<0.005	
11/10/2012	<0.005	
5/9/2013	<0.005	
11/6/2013	<0.005	
5/22/2014	<0.005	
11/9/2014	<0.005	
5/24/2015	<0.005	
11/11/2015	0.0089 (J)	
4/19/2016	0.0133 (O)	
10/6/2016	<0.005	
4/6/2017	0.0087 (J)	
10/5/2017	0.0078 (J)	
3/22/2018	0.0086 (J)	
10/3/2018	<0.005	
3/27/2019	<0.005	
9/11/2019	0.0074	
3/18/2020	0.0045 (J)	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/12/2021	0.0034 (J)	
2/15/2022	0.0034 (J)	
8/25/2022	<0.005	
2/28/2023	<0.005	
8/8/2023	<0.005	
2/29/2024	<0.005	
8/6/2024	<0.005	
2/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-6	GWC-6
5/11/2010	<0.005	
6/18/2010	<0.005	
7/27/2010	<0.005	
9/9/2010	<0.005	
4/30/2011	<0.005	
10/29/2011	<0.005	
5/4/2012	<0.005	
11/10/2012	<0.005	
5/9/2013	<0.005	
11/7/2013	<0.005	
5/21/2014	<0.005	
11/9/2014	<0.005	
5/24/2015	<0.005	
11/11/2015	<0.005	
4/12/2016	<0.005	
10/6/2016	<0.005	
4/6/2017	<0.005	
10/6/2017	<0.005	
3/21/2018	<0.005	
10/3/2018	<0.005	
3/26/2019	<0.005	
9/11/2019	0.0062	
3/18/2020	<0.005	
9/10/2020	<0.005	
4/5/2021	<0.005	
8/11/2021	<0.005	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/27/2023	<0.005	
8/8/2023	<0.005	
2/29/2024	<0.005	
8/7/2024	<0.005	
2/24/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-7	GWC-7
5/10/2010	<0.005	
6/18/2010	<0.005	
7/28/2010	<0.005	
9/9/2010	<0.005	
4/30/2011	<0.005	
10/29/2011	<0.005	
5/4/2012	<0.005	
11/10/2012	<0.005	
5/9/2013	<0.005	
11/7/2013	<0.005	
5/21/2014	<0.005	
11/12/2014	<0.005	
5/24/2015	<0.005	
11/11/2015	<0.005	
4/13/2016	<0.005	
10/6/2016	<0.005	
4/7/2017	<0.005	
10/6/2017	<0.005	
3/22/2018	<0.005	
10/4/2018	<0.005	
3/27/2019	<0.005	
9/11/2019	0.0074	
3/19/2020	<0.005	
9/10/2020	<0.005	
4/1/2021	<0.005	
8/11/2021	<0.005	
2/15/2022	0.0037 (J)	
8/25/2022	<0.005	
2/27/2023	<0.005	
8/8/2023	<0.005	
2/29/2024	<0.005	
8/6/2024	<0.005	
2/24/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-8A
5/10/2010	<0.005	
6/19/2010	0.0081 (J)	
7/28/2010	0.017 (J)	
9/8/2010	0.085	
4/30/2011	0.13 (O)	
10/27/2011	0.03	
5/4/2012	0.029	
11/11/2012	0.046	
5/10/2013	0.23 (O)	
11/7/2013	0.028	
5/21/2014	0.015 (J)	
11/13/2014	0.13 (O)	
5/23/2015	0.059	
11/11/2015	0.079	
4/19/2016	0.0218	
10/10/2016	0.013 (J)	
4/7/2017	<0.005	
10/9/2017	<0.005	
3/22/2018	<0.005	
10/4/2018	<0.005	
3/27/2019	<0.005	
9/11/2019	0.0052	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/5/2021	<0.005	
8/12/2021	<0.005	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/27/2023	0.016	
8/8/2023	<0.005	
2/29/2024	<0.005	
8/6/2024	<0.005	
2/24/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-9	GWC-9
5/10/2010	<0.005	
6/16/2010	<0.005	
7/27/2010	<0.005	
9/8/2010	<0.005	
4/29/2011	<0.005	
10/27/2011	<0.005	
5/3/2012	<0.005	
11/11/2012	<0.005	
5/9/2013	<0.005	
11/6/2013	<0.005	
5/21/2014	<0.005	
11/12/2014	<0.005	
5/23/2015	<0.005	
11/12/2015	<0.005	
4/13/2016	<0.005	
10/6/2016	<0.005	
4/6/2017	<0.005	
10/5/2017	<0.005	
3/21/2018	<0.005	
10/2/2018	<0.005	
3/27/2019	<0.005	
9/11/2019	0.0037 (J)	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/12/2021	<0.005	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/27/2023	<0.005	
8/8/2023	<0.005	
3/1/2024	<0.005	
8/6/2024	<0.005	
2/24/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-10	GWC-10
5/10/2010	<0.005	
6/16/2010	<0.005	
7/28/2010	<0.005	
9/8/2010	<0.005	
4/29/2011	<0.005	
10/27/2011	<0.005	
5/4/2012	<0.005	
11/11/2012	<0.005	
5/9/2013	<0.005	
11/5/2013	<0.005	
5/21/2014	<0.005	
11/12/2014	<0.005	
5/23/2015	<0.005	
11/12/2015	<0.005	
4/13/2016	<0.005	
10/5/2016	<0.005	
4/6/2017	<0.005	
10/5/2017	<0.005	
3/21/2018	<0.005	
10/2/2018	<0.005	
3/27/2019	<0.005	
9/11/2019	0.004 (J)	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/17/2021	0.013	
10/18/2021	<0.005	
2/15/2022	<0.005	
8/25/2022	<0.005	
2/21/2023	<0.005	
8/9/2023	<0.005	
3/1/2024	<0.005	
8/6/2024	<0.005	
2/24/2025		0.0097

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-11	GWC-11
5/10/2010	<0.005	
6/16/2010	<0.005	
7/27/2010	<0.005	
9/8/2010	<0.005	
4/29/2011	<0.005	
10/27/2011	<0.005	
5/4/2012	<0.005	
11/10/2012	<0.005	
5/9/2013	<0.005	
11/6/2013	<0.005	
5/20/2014	<0.005	
11/12/2014	<0.005	
5/24/2015	<0.005	
11/12/2015	<0.005	
4/13/2016	0.00241 (J)	
10/5/2016	<0.005	
4/6/2017	<0.005	
10/5/2017	<0.005	
3/21/2018	0.007 (J)	
10/2/2018	0.022 (O)	
3/27/2019	<0.005	
9/11/2019	0.0072	
3/18/2020	<0.005	
9/10/2020	0.018	
4/1/2021	0.0034 (J)	
8/11/2021	<0.005	
2/16/2022	0.0034 (J)	
8/25/2022	<0.005	
2/27/2023	<0.005	
8/9/2023	<0.005	
2/29/2024	0.0036 (J)	
8/6/2024	0.0033 (J)	
2/24/2025		0.0031 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-12	GWC-12
5/9/2010	<0.005	
6/18/2010	<0.005	
7/27/2010	<0.005	
9/8/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/3/2012	<0.005	
11/10/2012	<0.005	
5/9/2013	<0.005	
11/6/2013	<0.005	
5/20/2014	<0.005	
11/12/2014	<0.005	
5/23/2015	<0.005	
11/12/2015	<0.005	
4/13/2016	0.00409 (J)	
10/5/2016	<0.005	
4/5/2017	<0.005	
10/5/2017	<0.005	
3/21/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/11/2019	0.0065	
3/18/2020	0.005	
9/10/2020	0.0037 (J)	
4/1/2021	<0.005	
8/11/2021	<0.005	
2/16/2022	0.0032 (J)	
8/26/2022	<0.005	
2/27/2023	<0.005	
8/9/2023	<0.005	
2/29/2024	<0.005	
8/6/2024	0.0028 (J)	
2/24/2025		0.0029 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-13
5/9/2010	<0.005	
6/18/2010	<0.005	
7/29/2010	<0.005	
9/9/2010	<0.005	
4/26/2011	<0.005	
10/28/2011	<0.005	
5/4/2012	<0.005	
11/11/2012	<0.005	
5/8/2013	<0.005	
11/7/2013	<0.005	
5/20/2014	<0.005	
11/12/2014	<0.005	
5/24/2015	<0.005	
11/12/2015	<0.005	
4/13/2016	0.00289 (J)	
10/7/2016	<0.005	
4/6/2017	<0.005	
10/6/2017	0.0071 (J)	
3/22/2018	<0.005	
10/3/2018	<0.005	
3/26/2019	<0.005	
9/11/2019	0.0085	
3/18/2020	0.0052	
9/10/2020	0.0038 (J)	
4/6/2021	0.004 (J)	
8/11/2021	<0.005	
2/16/2022	0.004 (J)	
8/26/2022	<0.005	
2/27/2023	<0.005	
8/9/2023	0.0031 (J)	
3/1/2024	<0.005	
8/6/2024	0.003 (J)	
2/24/2025		0.0036 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 6/18/2025 4:27 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-14	GWC-14
5/9/2010	<0.005	
6/18/2010	<0.005	
7/28/2010	<0.005	
9/9/2010	<0.005	
4/30/2011	<0.005	
10/28/2011	<0.005	
5/3/2012	<0.005	
11/10/2012	<0.005	
5/8/2013	<0.005	
11/5/2013	<0.005	
5/20/2014	<0.005	
11/12/2014	<0.005	
5/24/2015	<0.005	
11/11/2015	<0.005	
4/13/2016	<0.005	
10/4/2016	<0.005	
4/6/2017	<0.005	
10/5/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/11/2019	0.0038 (J)	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/11/2021	<0.005	
2/16/2022	<0.005	
8/26/2022	<0.005	
2/27/2023	<0.005	
8/9/2023	<0.005	
3/1/2024	0.024	
5/7/2024	<0.005	
8/8/2024	<0.005	
2/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 6/18/2025 4:28 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-18	GWC-18
5/10/2010	<0.005	
6/16/2010	<0.005	
7/26/2010	<0.005	
9/7/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/2/2012	<0.005	
11/9/2012	<0.005	
5/8/2013	<0.005	
11/6/2013	<0.005	
5/23/2014	<0.005	
11/8/2014	<0.005	
5/22/2015	<0.005	
11/10/2015	<0.005	
4/11/2016	<0.005	
10/5/2016	<0.005	
4/6/2017	<0.005	
10/5/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/11/2019	0.0077	
3/18/2020	<0.005	
9/9/2020	<0.005	
4/1/2021	<0.005	
8/11/2021	<0.005	
2/16/2022	<0.005	
8/25/2022	<0.005	
2/28/2023	<0.005	
8/9/2023	<0.005	
2/29/2024	0.0032 (J)	
8/6/2024	<0.005	
2/25/2025		0.003 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 6/18/2025 4:28 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-19	GWC-19
5/11/2010	<0.005	
6/16/2010	<0.005	
7/27/2010	<0.005	
9/7/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/2/2012	<0.005	
11/9/2012	<0.005	
5/9/2013	<0.005	
11/6/2013	<0.005	
5/22/2014	<0.005	
11/8/2014	<0.005	
5/22/2015	<0.005	
11/10/2015	<0.005	
4/11/2016	<0.005	
10/5/2016	0.0085 (JO)	
4/5/2017	<0.005	
10/5/2017	<0.005	
3/20/2018	<0.005	
10/2/2018	<0.005	
3/26/2019	<0.005	
9/12/2019	0.0059	
3/19/2020	<0.005	
9/9/2020	<0.005	
4/5/2021	<0.005	
8/11/2021	<0.005	
2/16/2022	<0.005	
8/25/2022	<0.005	
2/28/2023	<0.005	
8/8/2023	<0.005	
2/29/2024	<0.005	
8/6/2024	<0.005	
2/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 6/18/2025 4:28 PM View: Appendix I - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-20	GWC-20
5/11/2010	<0.005	
6/17/2010	<0.005	
7/27/2010	<0.005	
9/7/2010	<0.005	
4/29/2011	<0.005	
10/28/2011	<0.005	
5/3/2012	<0.005	
11/10/2012	<0.005	
5/9/2013	<0.005	
11/6/2013	<0.005	
5/22/2014	<0.005	
11/9/2014	<0.005	
5/22/2015	<0.005	
11/10/2015	<0.005	
4/12/2016	<0.005	
10/5/2016	<0.005	
4/6/2017	<0.005	
10/5/2017	<0.005	
3/21/2018	<0.005	
10/3/2018	<0.005	
3/26/2019	<0.005	
9/12/2019	0.0065	
3/19/2020	<0.005	
9/10/2020	<0.005	
4/5/2021	<0.005	
8/11/2021	<0.005	
2/16/2022	<0.005	
8/25/2022	0.0063	
2/28/2023	<0.005	
8/8/2023	<0.005	
3/1/2024	<0.005	
8/6/2024	<0.005	
2/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

FIGURE G.

Appendix III Intrawell Prediction Limits - Significant Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 6/19/2025, 9:16 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Calcium (mg/L)	GWC-3	10.92	n/a	2/25/2025	11	Yes	23	7.67	1.362	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-4	17.6	n/a	2/25/2025	46	Yes	19	13	1.856	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-6	21.45	n/a	2/24/2025	23	Yes	24	17.3	1.753	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-7	17.69	n/a	2/24/2025	19	Yes	24	14.66	1.279	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-9	23	n/a	2/24/2025	34	Yes	25	n/a	n/a	0	n/a	n/a	0.002832	NP Intra (normality) 1 of 2
Calcium (mg/L)	GWC-12	1.505	n/a	2/24/2025	1.7	Yes	23	1.11	0.1658	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-19	15.99	n/a	2/25/2025	18	Yes	15	11.46	1.718	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-20	17.52	n/a	2/25/2025	18	Yes	23	14.07	1.448	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-4	16.42	n/a	2/25/2025	28	Yes	19	8.083	3.363	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-7	4.9	n/a	2/24/2025	6.5	Yes	23	n/a	n/a	0	n/a	n/a	0.003415	NP Intra (normality) 1 of 2
Chloride (mg/L)	GWC-9	5.188	n/a	2/24/2025	6.3	Yes	23	3.815	0.5757	0	None	No	0.0004426	Param Intra 1 of 2
pH, Field (SU)	GWA-16	6.63	5.63	2/25/2025	6.76	Yes	37	n/a	n/a	0	n/a	n/a	0.002723	NP Intra (normality) 1 of 2
pH, Field (SU)	GWA-17	6.524	5.455	2/26/2025	6.65	Yes	37	5.99	0.2393	0	None	No	0.0002213	Param Intra 1 of 2
pH, Field (SU)	GWC-6	6.48	5.5	2/24/2025	6.5	Yes	40	n/a	n/a	0	n/a	n/a	0.002317	NP Intra (normality) 1 of 2
pH, Field (SU)	GWC-7	6.628	5.958	2/24/2025	6.67	Yes	39	1595	150.8	0	None	x^4	0.0002213	Param Intra 1 of 2
pH, Field (SU)	GWC-9	6.82	5.97	2/24/2025	7.14	Yes	39	n/a	n/a	0	n/a	n/a	0.002453	NP Intra (normality) 1 of 2
pH, Field (SU)	GWC-18	6.54	5.74	2/25/2025	6.69	Yes	38	n/a	n/a	0	n/a	n/a	0.002588	NP Intra (normality) 1 of 2
Sulfate (mg/L)	GWC-3	1.1	n/a	2/25/2025	20	Yes	19	n/a	n/a	57.89	n/a	n/a	0.004832	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-4	6.288	n/a	2/25/2025	150	Yes	15	2.937	1.27	0	None	No	0.0004426	Param Intra 1 of 2
Sulfate (mg/L)	GWC-6	22.26	n/a	2/24/2025	30	Yes	24	3.352	0.5775	0	None	sqrt(x)	0.0004426	Param Intra 1 of 2
Sulfate (mg/L)	GWC-7	1.5	n/a	2/24/2025	3.5	Yes	23	n/a	n/a	69.57	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-9	18.9	n/a	2/24/2025	19	Yes	19	3.156	0.4807	0	None	sqrt(x)	0.0004426	Param Intra 1 of 2
TDS (mg/L)	GWC-3	116.7	n/a	2/25/2025	130	Yes	23	81.7	14.66	0	None	No	0.0004426	Param Intra 1 of 2
TDS (mg/L)	GWC-4	178.1	n/a	2/25/2025	350	Yes	19	123.4	22.1	0	None	No	0.0004426	Param Intra 1 of 2

Appendix III Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 6/19/2025, 9:16 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	GWA-15	0.08	n/a	2/25/2025	0.08ND	No	23	n/a	n/a	91.3	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-16	0.08	n/a	2/25/2025	0.08ND	No	23	n/a	n/a	100	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-17	0.08	n/a	2/26/2025	0.08ND	No	23	n/a	n/a	95.65	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-1	0.08	n/a	2/25/2025	0.08ND	No	23	n/a	n/a	91.3	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-2	0.08	n/a	2/25/2025	0.08ND	No	23	n/a	n/a	91.3	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-3	0.08	n/a	2/25/2025	0.08ND	No	23	n/a	n/a	91.3	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-4	0.13	n/a	2/25/2025	0.029J	No	24	n/a	n/a	87.5	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-5	0.385	n/a	2/25/2025	0.14	No	12	0.2158	0.05992	0	None	No	0.0004426	Param Intra 1 of 2
Boron (mg/L)	GWC-6	0.085	n/a	2/24/2025	0.08ND	No	24	n/a	n/a	87.5	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-7	0.08	n/a	2/24/2025	0.08ND	No	23	n/a	n/a	91.3	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-8A	0.2935	n/a	2/24/2025	0.17	No	23	0.1811	0.0471	0	None	No	0.0004426	Param Intra 1 of 2
Boron (mg/L)	GWC-9	0.134	n/a	2/24/2025	0.056J	No	23	0.08873	0.01896	0	None	No	0.0004426	Param Intra 1 of 2
Boron (mg/L)	GWC-10	0.11	n/a	2/24/2025	0.08ND	No	24	n/a	n/a	87.5	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-11	0.08	n/a	2/24/2025	0.08ND	No	23	n/a	n/a	95.65	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-12	0.08	n/a	2/24/2025	0.08ND	No	23	n/a	n/a	91.3	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-13	0.08	n/a	2/24/2025	0.08ND	No	23	n/a	n/a	91.3	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-14	0.08	n/a	2/25/2025	0.08ND	No	23	n/a	n/a	95.65	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-18	0.08	n/a	2/25/2025	0.08ND	No	23	n/a	n/a	95.65	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-19	0.08	n/a	2/25/2025	0.08ND	No	23	n/a	n/a	95.65	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-20	0.12	n/a	2/25/2025	0.08ND	No	24	n/a	n/a	87.5	n/a	n/a	0.003124	NP Intra (NDs) 1 of 2
Calcium (mg/L)	GWA-15	5.275	n/a	2/25/2025	4.1	No	23	4.201	0.4501	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWA-16	15.37	n/a	2/25/2025	13	No	23	12	1.415	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWA-17	9.826	n/a	2/26/2025	7.4	No	23	7.203	1.099	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-1	20.23	n/a	2/25/2025	17	No	23	17.34	1.209	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-2	20.27	n/a	2/25/2025	17	No	23	17.47	1.174	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	**GWC-3**	**10.92**	**n/a**	**2/25/2025**	**11**	**Yes**	**23**	**7.67**	**1.362**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
Calcium (mg/L)	**GWC-4**	**17.6**	**n/a**	**2/25/2025**	**46**	**Yes**	**19**	**13**	**1.856**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
Calcium (mg/L)	GWC-5	68.6	n/a	2/25/2025	25	No	11	6.178	0.7155	0	None	sqrt(x)	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	**GWC-6**	**21.45**	**n/a**	**2/24/2025**	**23**	**Yes**	**24**	**17.3**	**1.753**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
Calcium (mg/L)	**GWC-7**	**17.69**	**n/a**	**2/24/2025**	**19**	**Yes**	**24**	**14.66**	**1.279**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
Calcium (mg/L)	GWC-8A	44.79	n/a	2/24/2025	42	No	11	26.36	6.265	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	**GWC-9**	**23**	**n/a**	**2/24/2025**	**34**	**Yes**	**25**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.002832**	**NP Intra (normality) 1 of 2**
Calcium (mg/L)	GWC-10	22.03	n/a	2/24/2025	20	No	23	17.52	1.888	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-11	14	n/a	2/24/2025	14	No	23	n/a	n/a	0	n/a	n/a	0.003415	NP Intra (normality) 1 of 2
Calcium (mg/L)	**GWC-12**	**1.505**	**n/a**	**2/24/2025**	**1.7**	**Yes**	**23**	**1.11**	**0.1658**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
Calcium (mg/L)	GWC-13	8.967	n/a	2/24/2025	7.9	No	23	6.802	0.9074	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-14	8.188	n/a	2/25/2025	7.2	No	23	6.673	0.6347	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	GWC-18	11.6	n/a	2/25/2025	10	No	23	n/a	n/a	0	n/a	n/a	0.003415	NP Intra (normality) 1 of 2
Calcium (mg/L)	**GWC-19**	**15.99**	**n/a**	**2/25/2025**	**18**	**Yes**	**15**	**11.46**	**1.718**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
Calcium (mg/L)	**GWC-20**	**17.52**	**n/a**	**2/25/2025**	**18**	**Yes**	**23**	**14.07**	**1.448**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
Chloride (mg/L)	GWA-15	7.469	n/a	2/25/2025	5.7	No	23	1.752	0.1086	0	None	ln(x)	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWA-16	1.999	n/a	2/25/2025	1.6	No	23	1.656	0.1436	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWA-17	1.969	n/a	2/26/2025	1.5	No	23	1.226	0.07433	0	None	sqrt(x)	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-1	4.625	n/a	2/25/2025	3.9	No	23	3.844	0.3272	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-2	2.676	n/a	2/25/2025	2.1	No	23	2.18	0.2078	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-3	3.825	n/a	2/25/2025	2.4	No	23	3.119	0.2958	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	**GWC-4**	**16.42**	**n/a**	**2/25/2025**	**28**	**Yes**	**19**	**8.083**	**3.363**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
Chloride (mg/L)	GWC-5	62.84	n/a	2/25/2025	4.9J	No	13	4.18	1.357	0	None	sqrt(x)	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-6	8.235	n/a	2/24/2025	6.1	No	23	6.047	0.9174	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	**GWC-7**	**4.9**	**n/a**	**2/24/2025**	**6.5**	**Yes**	**23**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.003415**	**NP Intra (normality) 1 of 2**
Chloride (mg/L)	GWC-8A	10.3	n/a	2/24/2025	6.8	No	23	7.752	1.069	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	**GWC-9**	**5.188**	**n/a**	**2/24/2025**	**6.3**	**Yes**	**23**	**3.815**	**0.5757**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
Chloride (mg/L)	GWC-10	5.2	n/a	2/24/2025	4.6	No	23	n/a	n/a	0	n/a	n/a	0.003415	NP Intra (normality) 1 of 2
Chloride (mg/L)	GWC-11	2.137	n/a	2/24/2025	1.8	No	23	1.799	0.1415	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-12	2.241	n/a	2/24/2025	2.1	No	23	1.813	0.1792	0	None	No	0.0004426	Param Intra 1 of 2

Appendix III Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 6/19/2025, 9:16 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Chloride (mg/L)	GWC-13	1.927	n/a	2/24/2025	1.5	No	23	1.557	0.1547	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-14	4.514	n/a	2/25/2025	4.3	No	23	1.782	0.1435	0	None	sqrt(x)	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-18	3.135	n/a	2/25/2025	2.8	No	23	2.623	0.2145	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-19	3.243	n/a	2/25/2025	2.7	No	23	2.097	0.4799	0	None	No	0.0004426	Param Intra 1 of 2
Chloride (mg/L)	GWC-20	2.496	n/a	2/25/2025	2.4	No	23	8.458	2.969	4.348	None	x^3	0.0004426	Param Intra 1 of 2
Fluoride (mg/L)	GWA-15	0.077	n/a	2/25/2025	0.01ND	No	23	n/a	n/a	78.26	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-16	0.089	n/a	2/25/2025	0.01ND	No	23	n/a	n/a	52.17	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-17	0.083	n/a	2/26/2025	0.01ND	No	23	n/a	n/a	52.17	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-1	0.1306	n/a	2/25/2025	0.01ND	No	25	0.005705	0.004832	24	Kaplan-Meier	x^2	0.0004426	Param Intra 1 of 2
Fluoride (mg/L)	GWC-2	0.072	n/a	2/25/2025	0.01ND	No	23	n/a	n/a	47.83	n/a	n/a	0.003415	NP Intra (normality) 1 of 2
Fluoride (mg/L)	GWC-3	0.092	n/a	2/25/2025	0.01ND	No	23	n/a	n/a	43.48	n/a	n/a	0.003415	NP Intra (normality) 1 of 2
Fluoride (mg/L)	GWC-4	0.1443	n/a	2/25/2025	0.005ND	No	23	0.009012	0.004953	8.696	None	x^2	0.0004426	Param Intra 1 of 2
Fluoride (mg/L)	GWC-5	0.16	n/a	2/25/2025	0.01ND	No	24	n/a	n/a	50	n/a	n/a	0.003124	NP Intra (normality) 1 of 2
Fluoride (mg/L)	GWC-6	0.1	n/a	2/24/2025	0.01ND	No	23	n/a	n/a	47.83	n/a	n/a	0.003415	NP Intra (normality) 1 of 2
Fluoride (mg/L)	GWC-7	0.12	n/a	2/24/2025	0.01ND	No	23	n/a	n/a	47.83	n/a	n/a	0.003415	NP Intra (normality) 1 of 2
Fluoride (mg/L)	GWC-8A	0.2021	n/a	2/24/2025	0.005ND	No	23	0.08952	0.04719	8.696	None	No	0.0004426	Param Intra 1 of 2
Fluoride (mg/L)	GWC-9	0.096	n/a	2/24/2025	0.01ND	No	23	n/a	n/a	39.13	n/a	n/a	0.003415	NP Intra (normality) 1 of 2
Fluoride (mg/L)	GWC-10	0.099	n/a	2/24/2025	0.01ND	No	23	n/a	n/a	43.48	n/a	n/a	0.003415	NP Intra (normality) 1 of 2
Fluoride (mg/L)	GWC-11	0.071	n/a	2/24/2025	0.01ND	No	23	n/a	n/a	52.17	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-12	0.046	n/a	2/24/2025	0.01ND	No	23	n/a	n/a	69.57	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-13	0.06	n/a	2/24/2025	0.01ND	No	23	n/a	n/a	56.52	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-14	0.068	n/a	2/25/2025	0.01ND	No	23	n/a	n/a	69.57	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-18	0.12	n/a	2/25/2025	0.01ND	No	23	n/a	n/a	56.52	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-19	0.079	n/a	2/25/2025	0.01ND	No	23	n/a	n/a	56.52	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-20	0.089	n/a	2/25/2025	0.01ND	No	23	n/a	n/a	60.87	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
pH, Field (SU)	GWA-15	5.921	4.962	2/25/2025	5.43	No	38	5.442	0.2152	0	None	No	0.0002213	Param Intra 1 of 2
pH, Field (SU)	**GWA-16**	**6.63**	**5.63**	**2/25/2025**	**6.76**	**Yes**	**37**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.002723**	**NP Intra (normality) 1 of 2**
pH, Field (SU)	**GWA-17**	**6.524**	**5.455**	**2/26/2025**	**6.65**	**Yes**	**37**	**5.99**	**0.2393**	**0**	**None**	**No**	**0.0002213**	**Param Intra 1 of 2**
pH, Field (SU)	GWC-1	6.816	6.185	2/25/2025	6.77	No	40	6.5	0.1424	0	None	No	0.0002213	Param Intra 1 of 2
pH, Field (SU)	GWC-2	7	5.79	2/25/2025	6.49	No	37	n/a	n/a	0	n/a	n/a	0.002723	NP Intra (normality) 1 of 2
pH, Field (SU)	GWC-3	6.271	5.576	2/25/2025	5.93	No	42	7542	976.1	0	None	x^5	0.0002213	Param Intra 1 of 2
pH, Field (SU)	GWC-4	6.557	5.883	2/25/2025	6.17	No	43	60468	8638	0	None	x^6	0.0002213	Param Intra 1 of 2
pH, Field (SU)	GWC-5	6.369	5.386	2/25/2025	6.16	No	38	5.878	0.2204	0	None	No	0.0002213	Param Intra 1 of 2
pH, Field (SU)	**GWC-6**	**6.48**	**5.5**	**2/24/2025**	**6.5**	**Yes**	**40**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.002317**	**NP Intra (normality) 1 of 2**
pH, Field (SU)	**GWC-7**	**6.628**	**5.958**	**2/24/2025**	**6.67**	**Yes**	**39**	**1595**	**150.8**	**0**	**None**	**x^4**	**0.0002213**	**Param Intra 1 of 2**
pH, Field (SU)	GWC-8A	7.26	5.93	2/24/2025	6.75	No	43	n/a	n/a	0	n/a	n/a	0.002074	NP Intra (normality) 1 of 2
pH, Field (SU)	**GWC-9**	**6.82**	**5.97**	**2/24/2025**	**7.14**	**Yes**	**39**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.002453**	**NP Intra (normality) 1 of 2**
pH, Field (SU)	GWC-10	6.66	5.96	2/24/2025	6.27	No	42	6.31	0.1585	0	None	No	0.0002213	Param Intra 1 of 2
pH, Field (SU)	GWC-11	6.38	5.58	2/24/2025	6.14	No	37	n/a	n/a	0	n/a	n/a	0.002723	NP Intra (normality) 1 of 2
pH, Field (SU)	GWC-12	5.556	4.459	2/24/2025	5.18	No	38	3529	792.6	0	None	x^5	0.0002213	Param Intra 1 of 2
pH, Field (SU)	GWC-13	6.21	4.93	2/24/2025	5.9	No	38	n/a	n/a	0	n/a	n/a	0.002588	NP Intra (normality) 1 of 2
pH, Field (SU)	GWC-14	6.11	4.87	2/25/2025	5.57	No	38	n/a	n/a	0	n/a	n/a	0.002588	NP Intra (normality) 1 of 2
pH, Field (SU)	**GWC-18**	**6.54**	**5.74**	**2/25/2025**	**6.69**	**Yes**	**38**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.002588**	**NP Intra (normality) 1 of 2**
pH, Field (SU)	GWC-19	6.79	5.87	2/25/2025	6.59	No	39	n/a	n/a	0	n/a	n/a	0.002453	NP Intra (normality) 1 of 2
pH, Field (SU)	GWC-20	6.826	6.137	2/25/2025	6.55	No	41	77297	10790	0	None	x^6	0.0002213	Param Intra 1 of 2
Sulfate (mg/L)	GWA-15	3.661	n/a	2/25/2025	3.6	No	23	1.402	0.9467	30.43	Kaplan-Meier	No	0.0004426	Param Intra 1 of 2
Sulfate (mg/L)	GWA-16	1.4	n/a	2/25/2025	1ND	No	23	n/a	n/a	82.61	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-17	1.3	n/a	2/26/2025	1ND	No	23	n/a	n/a	78.26	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-1	1.475	n/a	2/25/2025	0.48J	No	23	0.8815	0.1397	34.78	Kaplan-Meier	sqrt(x)	0.0004426	Param Intra 1 of 2
Sulfate (mg/L)	GWC-2	1.393	n/a	2/25/2025	0.4J	No	23	0.7193	0.2825	43.48	Kaplan-Meier	No	0.0004426	Param Intra 1 of 2
Sulfate (mg/L)	**GWC-3**	**1.1**	**n/a**	**2/25/2025**	**20**	**Yes**	**19**	**n/a**	**n/a**	**57.89**	**n/a**	**n/a**	**0.004832**	**NP Intra (NDs) 1 of 2**
Sulfate (mg/L)	**GWC-4**	**6.288**	**n/a**	**2/25/2025**	**150**	**Yes**	**15**	**2.937**	**1.27**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
Sulfate (mg/L)	GWC-5	194.5	n/a	2/25/2025	58	No	11	105.8	30.15	0	None	No	0.0004426	Param Intra 1 of 2
Sulfate (mg/L)	**GWC-6**	**22.26**	**n/a**	**2/24/2025**	**30**	**Yes**	**24**	**3.352**	**0.5775**	**0**	**None**	**sqrt(x)**	**0.0004426**	**Param Intra 1 of 2**
Sulfate (mg/L)	**GWC-7**	**1.5**	**n/a**	**2/24/2025**	**3.5**	**Yes**	**23**	**n/a**	**n/a**	**69.57**	**n/a**	**n/a**	**0.003415**	**NP Intra (NDs) 1 of 2**

Appendix III Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 6/19/2025, 9:16 AM

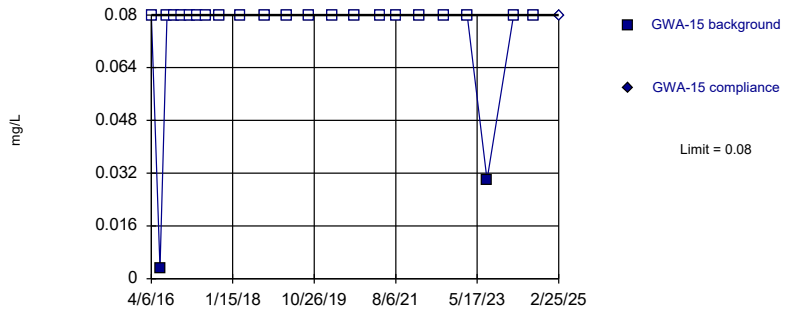
Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Sulfate (mg/L)	GWC-8A	52.2	n/a	2/24/2025	21	No	23	26.37	10.83	0	None	No	0.0004426	Param Intra 1 of 2
Sulfate (mg/L)	**GWC-9**	**18.9**	**n/a**	**2/24/2025**	**19**	**Yes**	**19**	**3.156**	**0.4807**	**0**	**None**	**sqrt(x)**	**0.0004426**	**Param Intra 1 of 2**
Sulfate (mg/L)	GWC-10	6.536	n/a	2/24/2025	4.3	No	26	1.372	0.5072	11.54	None	sqrt(x)	0.0004426	Param Intra 1 of 2
Sulfate (mg/L)	GWC-11	1	n/a	2/24/2025	1ND	No	23	n/a	n/a	86.96	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-12	1.3	n/a	2/24/2025	1ND	No	23	n/a	n/a	73.91	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-13	1.452	n/a	2/24/2025	0.41J	No	22	0.849	0.2507	50	Kaplan-Meier	No	0.0004426	Param Intra 1 of 2
Sulfate (mg/L)	GWC-14	1.2	n/a	2/25/2025	1ND	No	23	n/a	n/a	78.26	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-18	1.8	n/a	2/25/2025	1ND	No	23	n/a	n/a	73.91	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-19	1.9	n/a	2/25/2025	1ND	No	23	n/a	n/a	78.26	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-20	1.4	n/a	2/25/2025	1ND	No	23	n/a	n/a	73.91	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
TDS (mg/L)	GWA-15	83.74	n/a	2/25/2025	52	No	23	41.78	17.59	8.696	None	No	0.0004426	Param Intra 1 of 2
TDS (mg/L)	GWA-16	146.4	n/a	2/25/2025	110	No	23	98.43	20.08	0	None	No	0.0004426	Param Intra 1 of 2
TDS (mg/L)	GWA-17	130	n/a	2/26/2025	81	No	23	73.87	23.54	0	None	No	0.0004426	Param Intra 1 of 2
TDS (mg/L)	GWC-1	169.9	n/a	2/25/2025	150	No	23	135.1	14.61	0	None	No	0.0004426	Param Intra 1 of 2
TDS (mg/L)	GWC-2	173.5	n/a	2/25/2025	130	No	23	15773	6005	0	None	x^2	0.0004426	Param Intra 1 of 2
TDS (mg/L)	**GWC-3**	**116.7**	**n/a**	**2/25/2025**	**130**	**Yes**	**23**	**81.7**	**14.66**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
TDS (mg/L)	**GWC-4**	**178.1**	**n/a**	**2/25/2025**	**350**	**Yes**	**19**	**123.4**	**22.1**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
TDS (mg/L)	GWC-5	487.4	n/a	2/25/2025	200	No	11	280.9	70.21	0	None	No	0.0004426	Param Intra 1 of 2
TDS (mg/L)	GWC-6	183.3	n/a	2/24/2025	160	No	23	145.7	15.73	0	None	No	0.0004426	Param Intra 1 of 2
TDS (mg/L)	GWC-7	159.4	n/a	2/24/2025	150	No	23	122	15.66	0	None	No	0.0004426	Param Intra 1 of 2
TDS (mg/L)	GWC-8A	393.1	n/a	2/24/2025	260	No	22	241.8	62.89	0	None	No	0.0004426	Param Intra 1 of 2
TDS (mg/L)	GWC-9	199.9	n/a	2/24/2025	180	No	23	21860	7584	0	None	x^2	0.0004426	Param Intra 1 of 2
TDS (mg/L)	GWC-10	183.6	n/a	2/24/2025	150	No	22	135.8	19.89	0	None	No	0.0004426	Param Intra 1 of 2
TDS (mg/L)	GWC-11	140.3	n/a	2/24/2025	110	No	22	101.4	16.17	0	None	No	0.0004426	Param Intra 1 of 2
TDS (mg/L)	GWC-12	80.53	n/a	2/24/2025	31	No	23	2.578	0.7293	17.39	Kaplan-Meier	x^(1/3)	0.0004426	Param Intra 1 of 2
TDS (mg/L)	GWC-13	112.5	n/a	2/24/2025	86	No	22	63.45	20.4	0	None	No	0.0004426	Param Intra 1 of 2
TDS (mg/L)	GWC-14	99.68	n/a	2/25/2025	66	No	23	58.17	17.4	0	None	No	0.0004426	Param Intra 1 of 2
TDS (mg/L)	GWC-18	126.9	n/a	2/25/2025	99	No	23	87.43	16.53	0	None	No	0.0004426	Param Intra 1 of 2
TDS (mg/L)	GWC-19	175	n/a	2/25/2025	140	No	23	103.7	29.86	0	None	No	0.0004426	Param Intra 1 of 2
TDS (mg/L)	GWC-20	150.8	n/a	2/25/2025	110	No	23	109.7	17.22	0	None	No	0.0004426	Param Intra 1 of 2

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

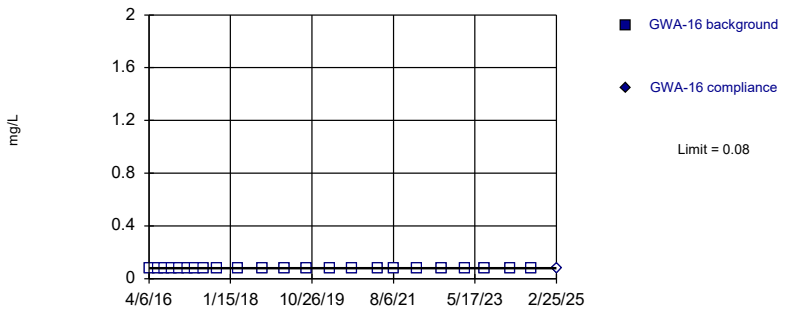
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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

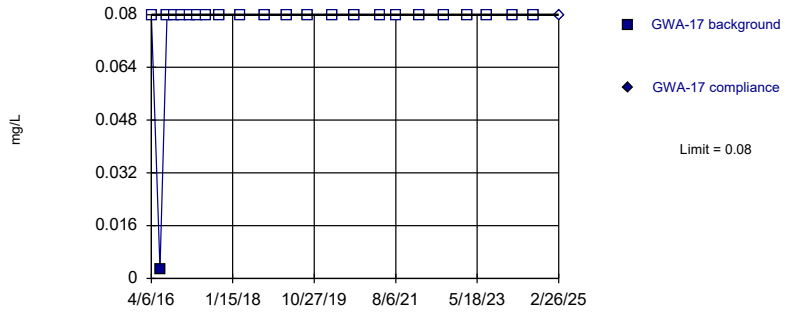
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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

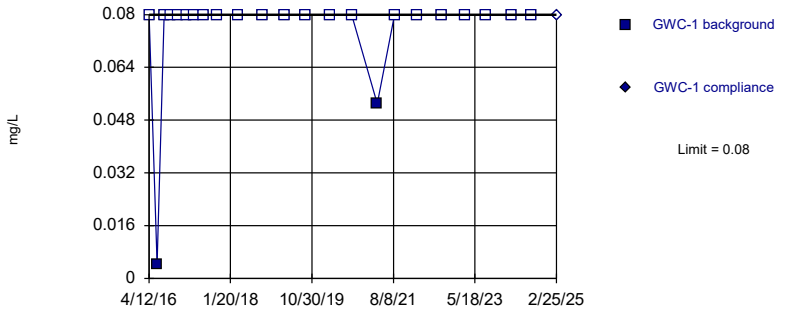
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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

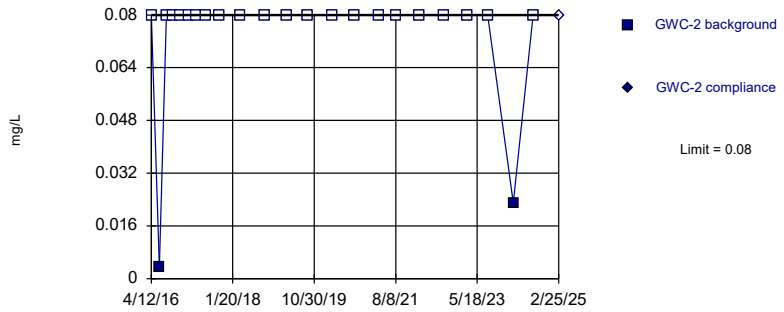
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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric

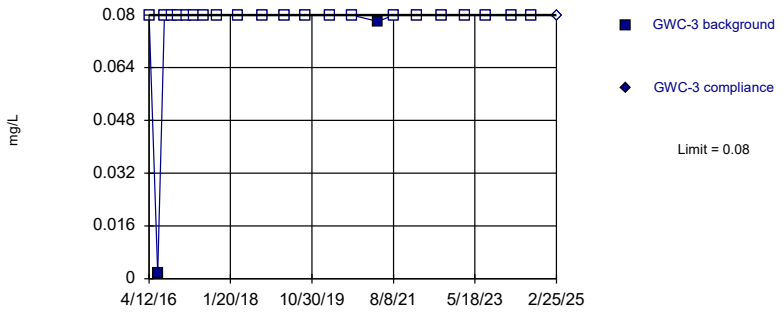


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Boron Analysis Run 6/19/2025 9:04 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.
Within Limit
Prediction Limit
Intrawell Non-parametric

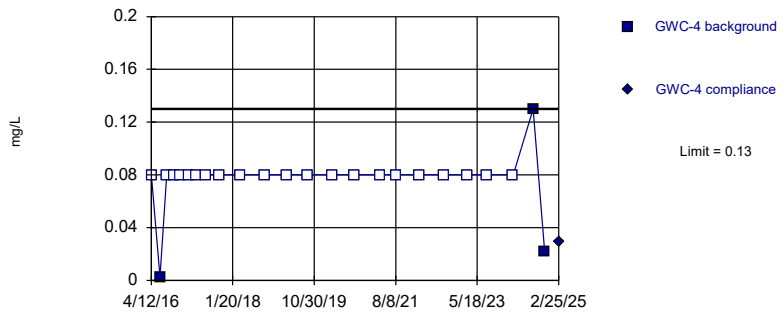


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Boron Analysis Run 6/19/2025 9:04 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.
Within Limit
Prediction Limit
Intrawell Non-parametric



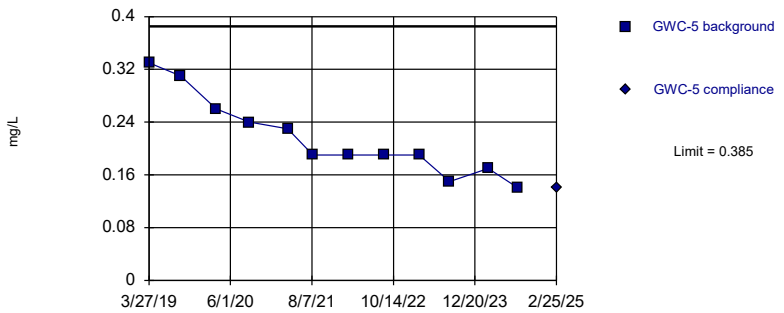
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Boron Analysis Run 6/19/2025 9:04 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Within Limit
Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.2158, Std. Dev.=0.05992, n=12. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9138, critical = 0.859. Kappa = 2.824 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Boron Analysis Run 6/19/2025 9:04 AM View: Appendix III - Intrawell

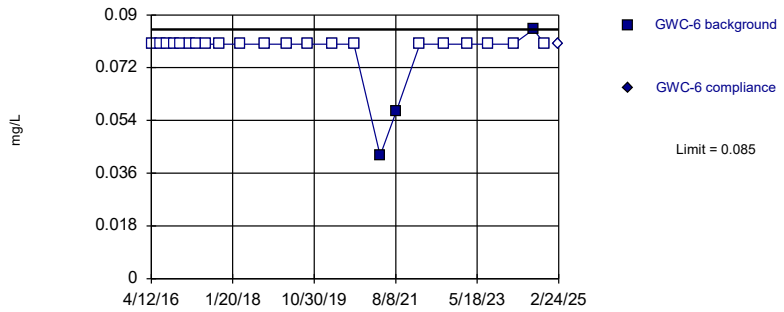
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Boron Analysis Run 6/19/2025 9:04 AM View: Appendix III - Intrawell

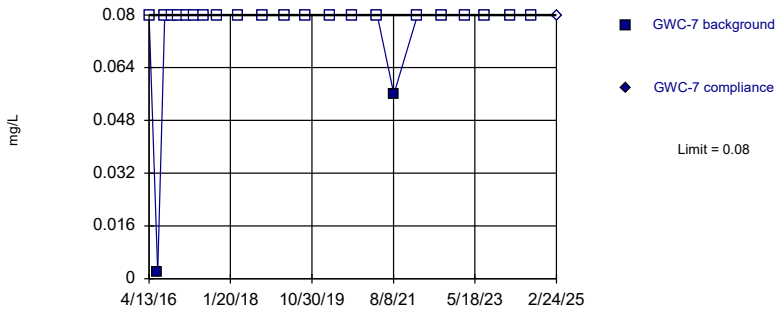
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Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Boron Analysis Run 6/19/2025 9:04 AM View: Appendix III - Intrawell

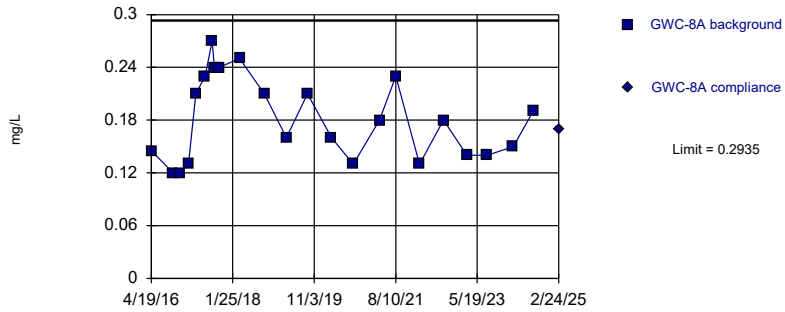
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.1811, Std. Dev.=0.0471, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9229, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Boron Analysis Run 6/19/2025 9:04 AM View: Appendix III - Intrawell

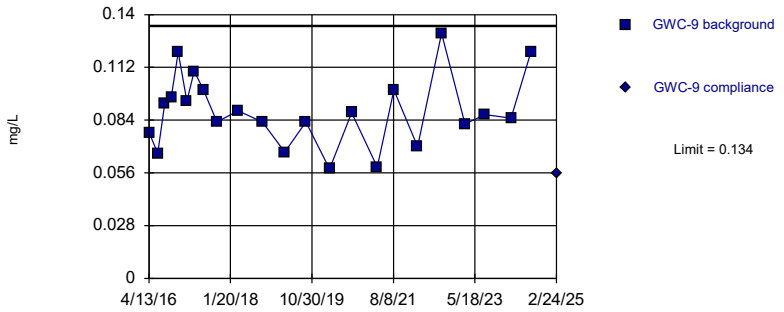
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.08873, Std. Dev.=0.01896, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9614, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Boron Analysis Run 6/19/2025 9:04 AM View: Appendix III - Intrawell

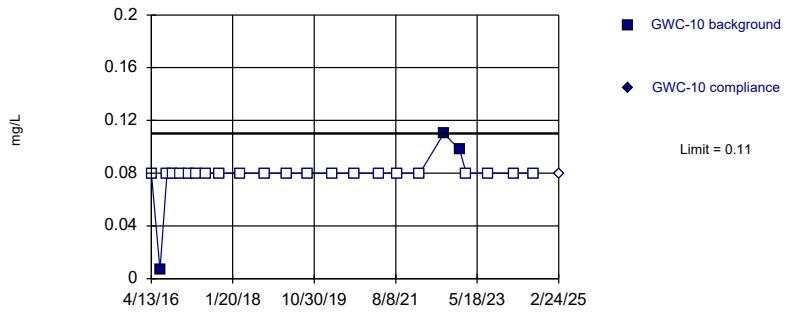
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Boron Analysis Run 6/19/2025 9:04 AM View: Appendix III - Intrawell

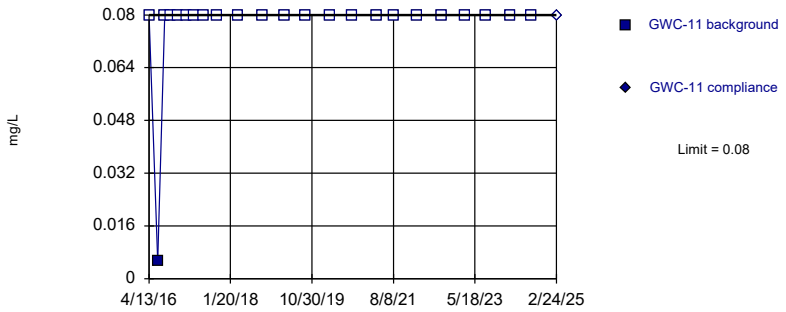
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Within Limit

Prediction Limit

Intrawell Non-parametric



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Constituent: Boron Analysis Run 6/19/2025 9:04 AM View: Appendix III - Intrawell

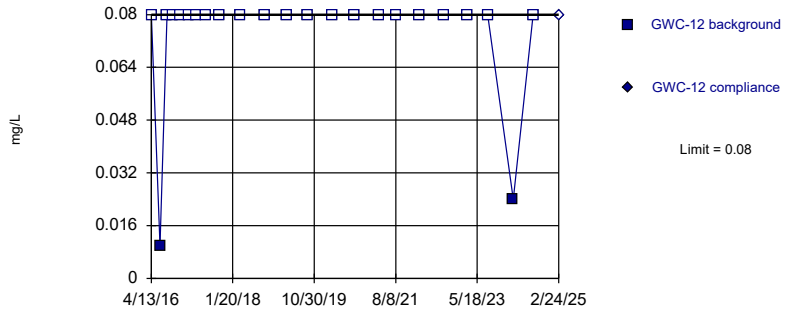
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Within Limit

Prediction Limit

Intrawell Non-parametric



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Constituent: Boron Analysis Run 6/19/2025 9:04 AM View: Appendix III - Intrawell

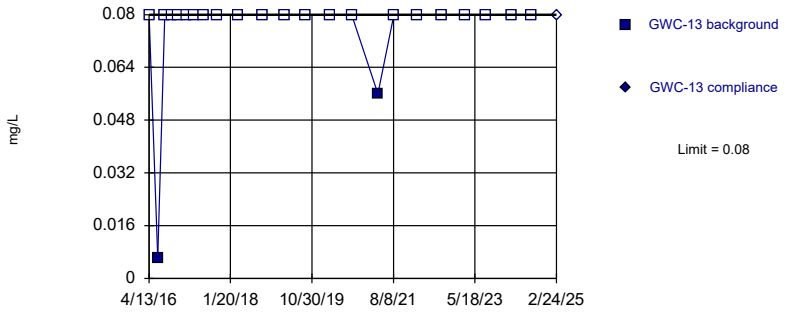
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



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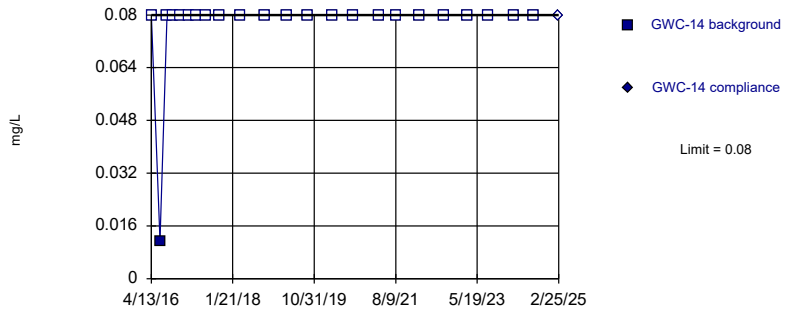
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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



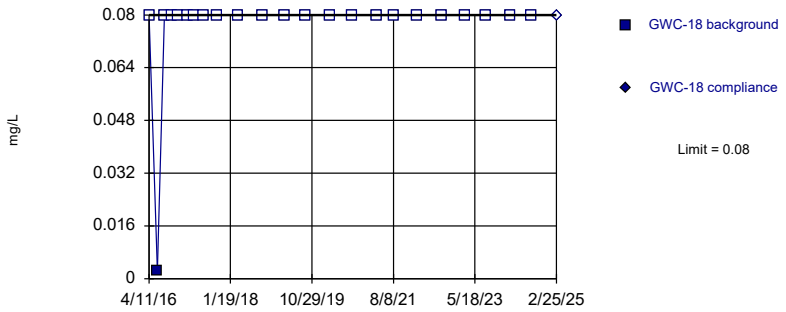
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Boron Analysis Run 6/19/2025 9:04 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
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Within Limit

Prediction Limit

Intrawell Non-parametric



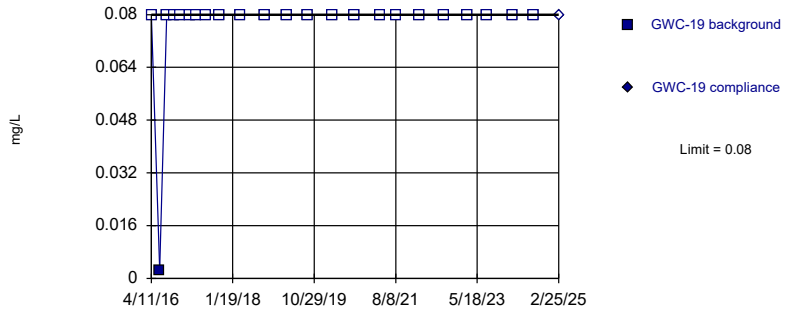
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Boron Analysis Run 6/19/2025 9:05 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



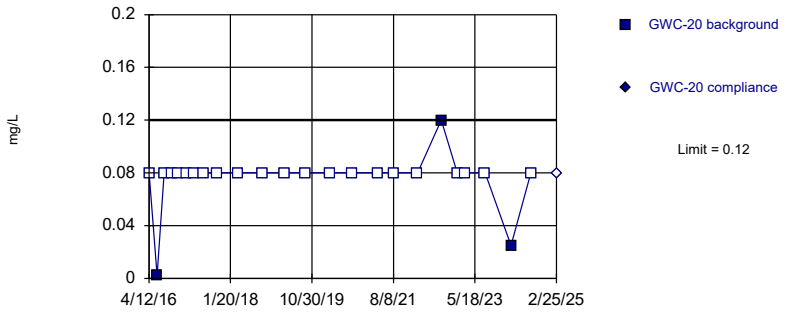
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Boron Analysis Run 6/19/2025 9:05 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

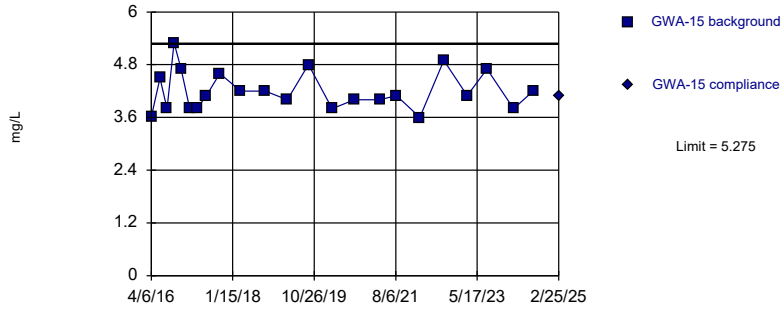
Constituent: Boron Analysis Run 6/19/2025 9:05 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=4.201, Std. Dev.=0.4501, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9213, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 6/19/2025 9:05 AM View: Appendix III - Intrawell

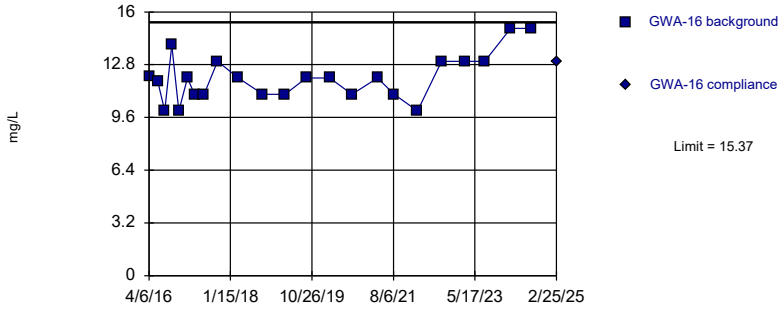
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=12, Std. Dev.=1.415, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9191, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 6/19/2025 9:05 AM View: Appendix III - Intrawell

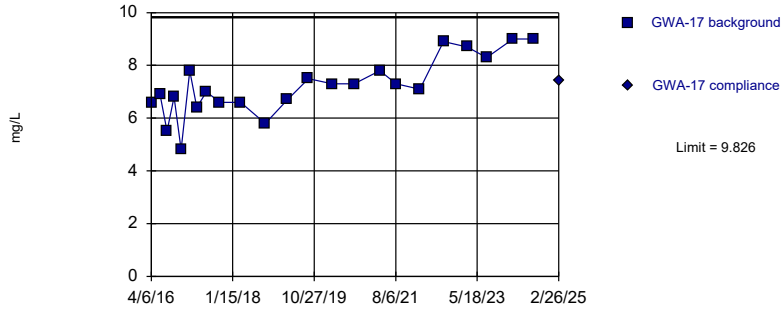
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=7.203, Std. Dev.=1.099, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9607, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 6/19/2025 9:05 AM View: Appendix III - Intrawell

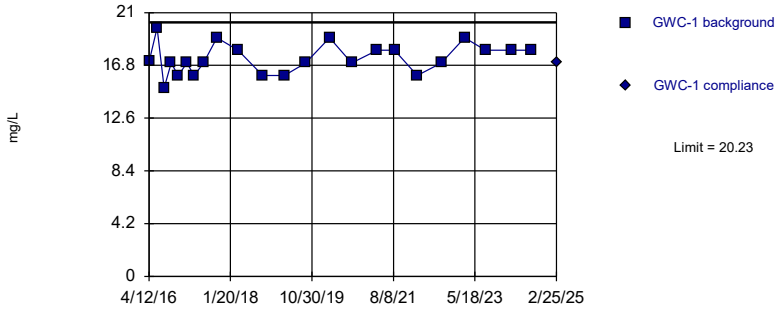
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=17.34, Std. Dev.=1.209, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9461, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 6/19/2025 9:05 AM View: Appendix III - Intrawell

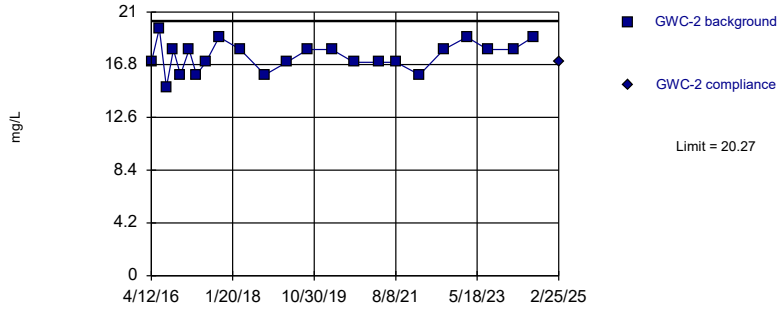
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=17.47, Std. Dev.=1.174, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9411, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

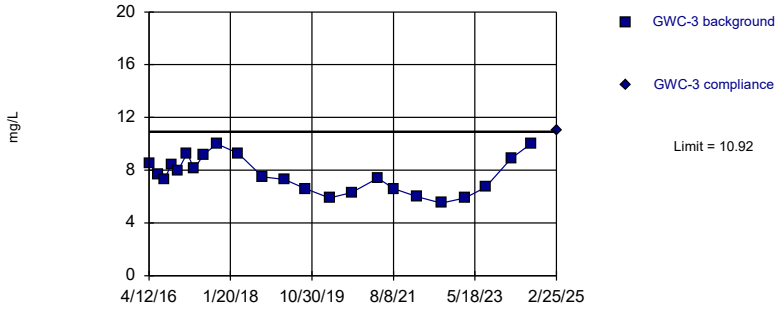
Constituent: Calcium Analysis Run 6/19/2025 9:05 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=7.67, Std. Dev.=1.362, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9559, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

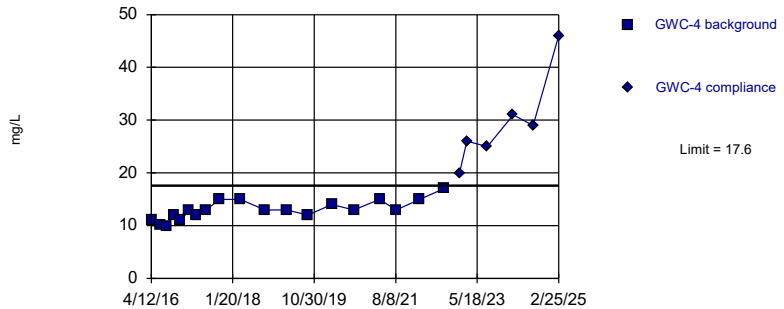
Constituent: Calcium Analysis Run 6/19/2025 9:05 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=13, Std. Dev.=1.856, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9523, critical = 0.901. Kappa = 2.478 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

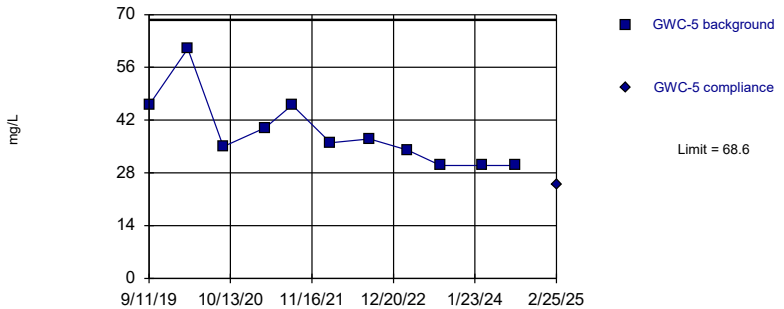
Constituent: Calcium Analysis Run 6/19/2025 9:05 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=6.178, Std. Dev.=0.7155, n=11. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.875, critical = 0.85. Kappa = 2.941 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

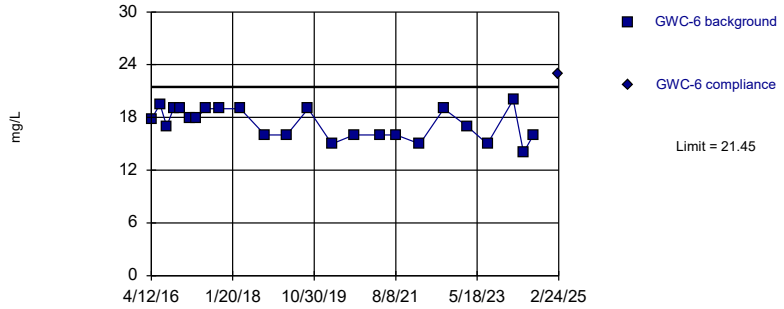
Constituent: Calcium Analysis Run 6/19/2025 9:05 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=17.3, Std. Dev.=1.753, n=24. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9091, critical = 0.884. Kappa = 2.366 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

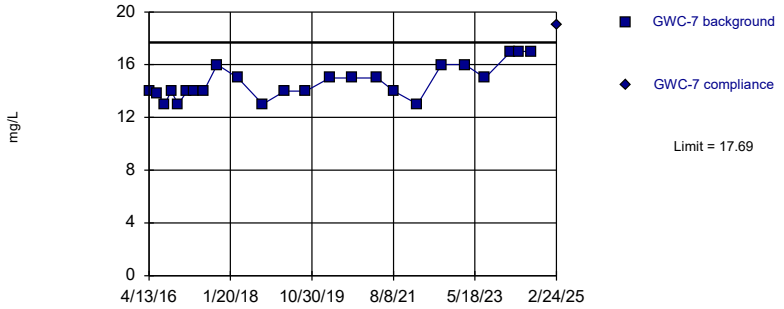
Constituent: Calcium Analysis Run 6/19/2025 9:05 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=14.66, Std. Dev.=1.279, n=24. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8901, critical = 0.884. Kappa = 2.366 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

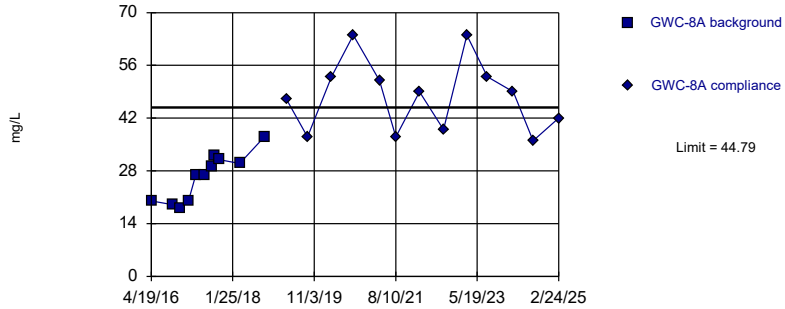
Constituent: Calcium Analysis Run 6/19/2025 9:05 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=26.36, Std. Dev.=6.265, n=11. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9202, critical = 0.85. Kappa = 2.941 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

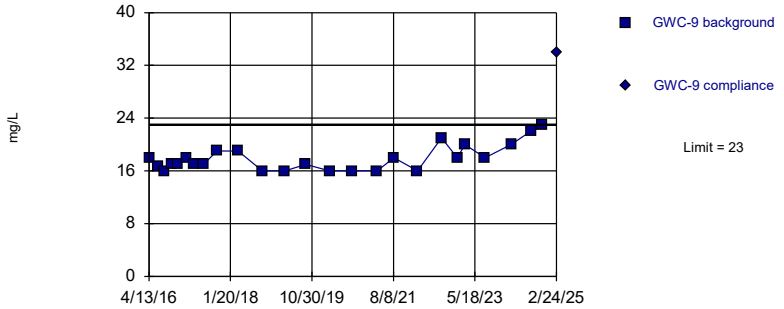
Constituent: Calcium Analysis Run 6/19/2025 9:05 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Exceeds Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 25 background values. Well-constituent pair annual alpha = 0.005656. Individual comparison alpha = 0.002832 (1 of 2).

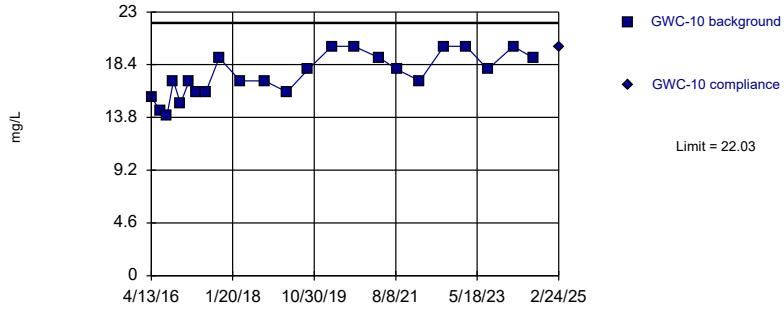
Constituent: Calcium Analysis Run 6/19/2025 9:05 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=17.52, Std. Dev.=1.888, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9304, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

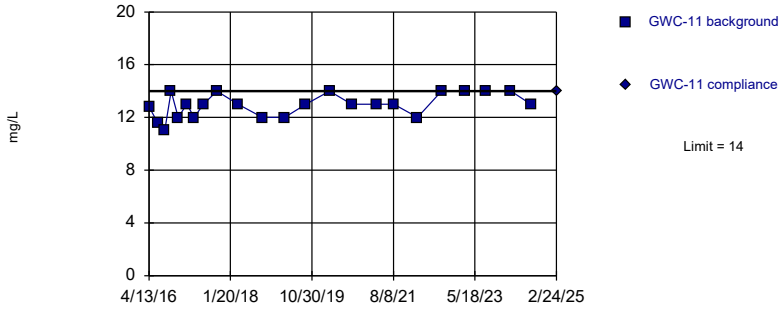
Constituent: Calcium Analysis Run 6/19/2025 9:05 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 23 background values. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

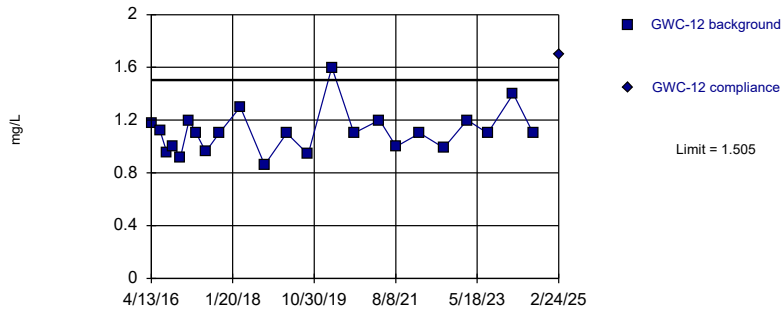
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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=1.11, Std. Dev.=0.1658, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9029, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

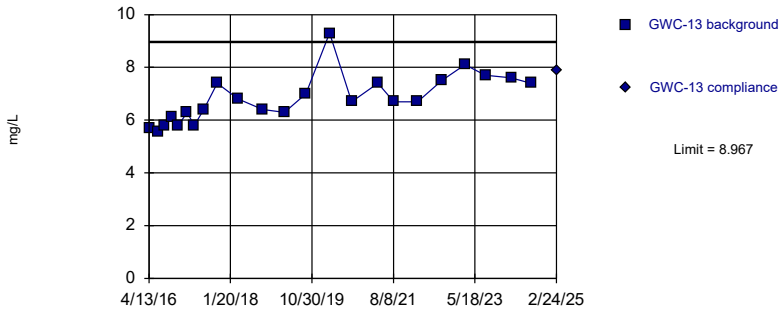
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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=6.802, Std. Dev.=0.9074, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9365, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

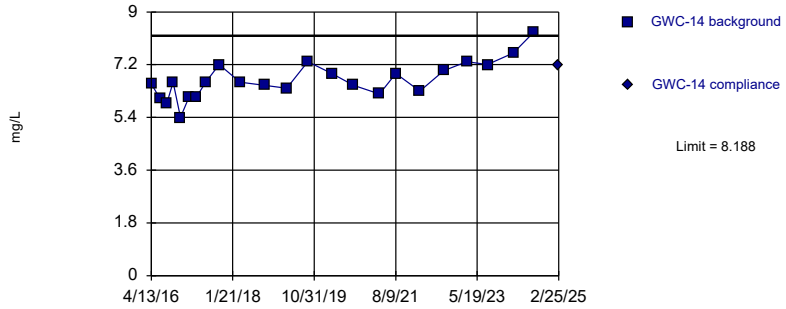
Constituent: Calcium Analysis Run 6/19/2025 9:05 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=6.673, Std. Dev.=0.6347, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9737, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

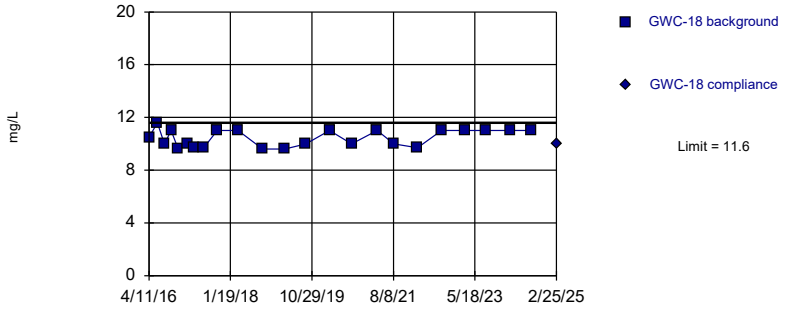
Constituent: Calcium Analysis Run 6/19/2025 9:05 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 23 background values. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

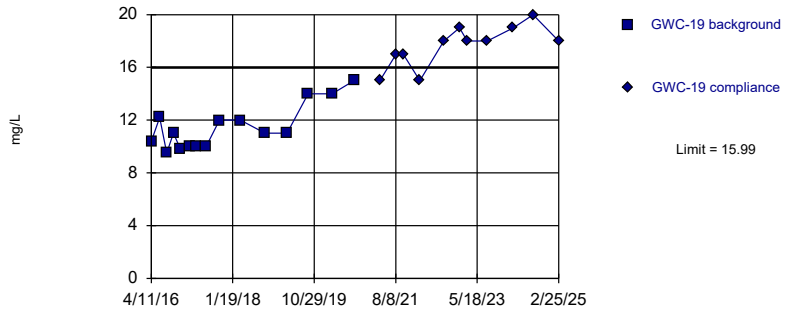
Constituent: Calcium Analysis Run 6/19/2025 9:05 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=11.46, Std. Dev.=1.718, n=15. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.884, critical = 0.881. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

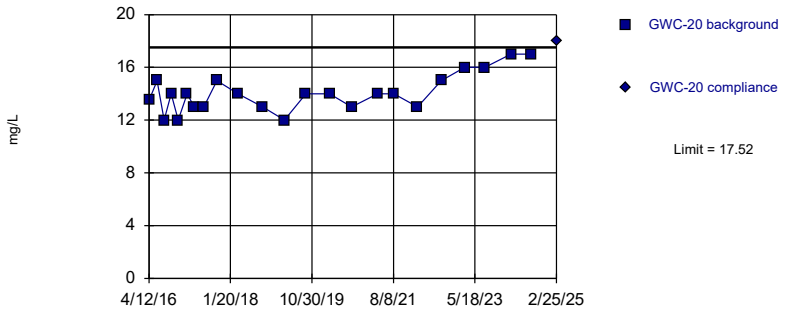
Constituent: Calcium Analysis Run 6/19/2025 9:05 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=14.07, Std. Dev.=1.448, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9221, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

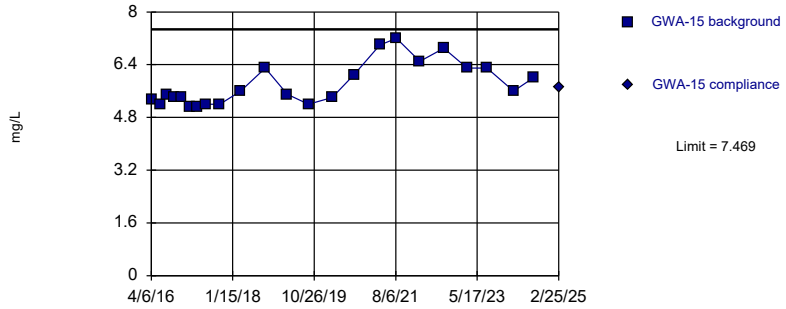
Constituent: Calcium Analysis Run 6/19/2025 9:05 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on natural log transformation): Mean=1.752, Std. Dev.=0.1086, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8848, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 6/19/2025 9:05 AM View: Appendix III - Intrawell

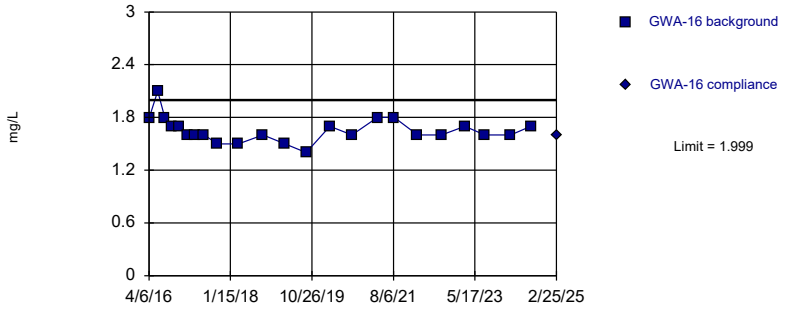
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=1.656, Std. Dev.=0.1436, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8873, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 6/19/2025 9:05 AM View: Appendix III - Intrawell

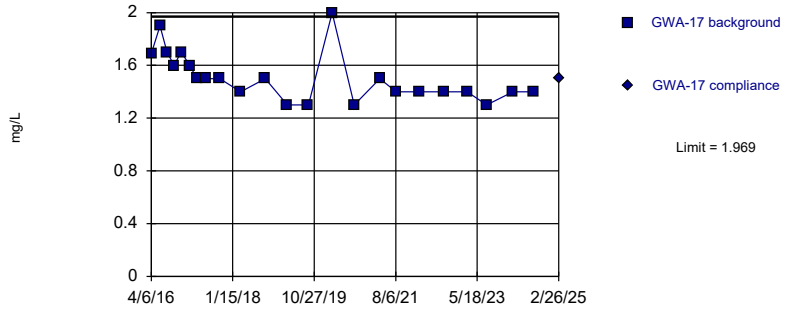
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=1.226, Std. Dev.=0.07433, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8867, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 6/19/2025 9:05 AM View: Appendix III - Intrawell

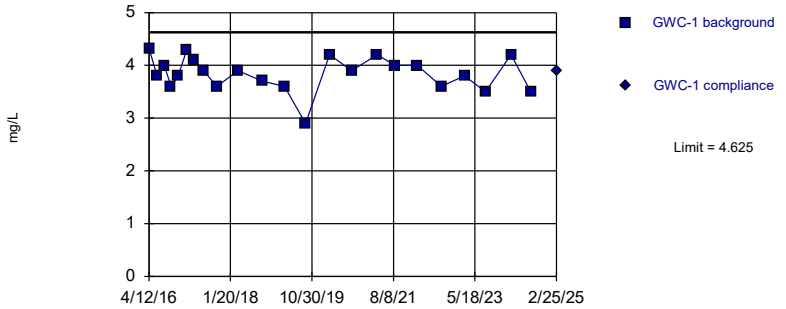
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=3.844, Std. Dev.=0.3272, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9314, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 6/19/2025 9:05 AM View: Appendix III - Intrawell

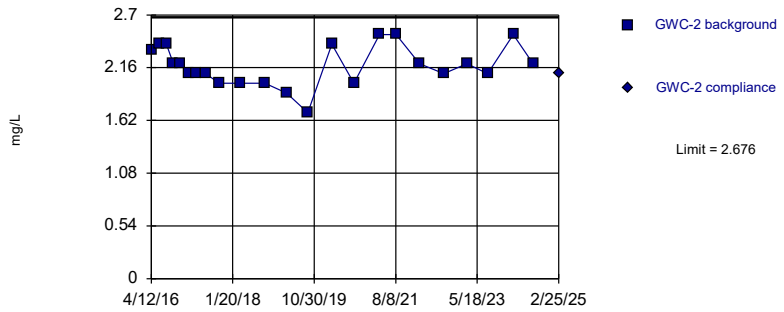
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=2.18, Std. Dev.=0.2078, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9444, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

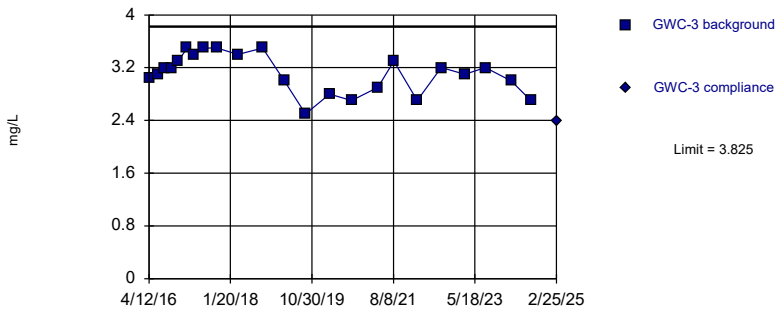
Constituent: Chloride Analysis Run 6/19/2025 9:05 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=3.119, Std. Dev.=0.2958, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9382, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

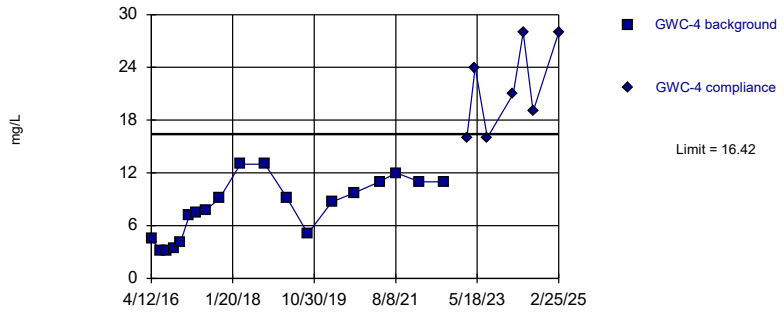
Constituent: Chloride Analysis Run 6/19/2025 9:05 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=8.083, Std. Dev.=3.363, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9273, critical = 0.901. Kappa = 2.478 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

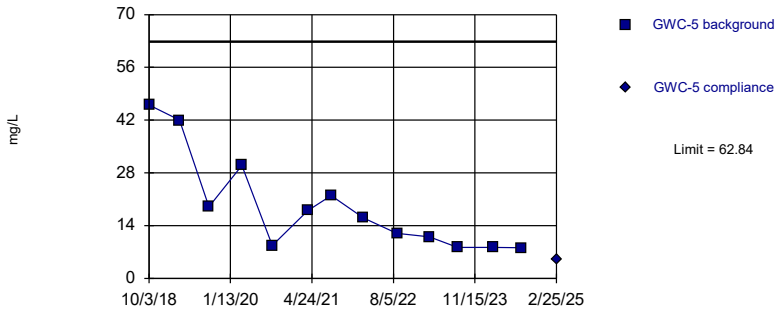
Constituent: Chloride Analysis Run 6/19/2025 9:05 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=4.18, Std. Dev.=1.357, n=13. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.8747, critical = 0.866. Kappa = 2.762 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

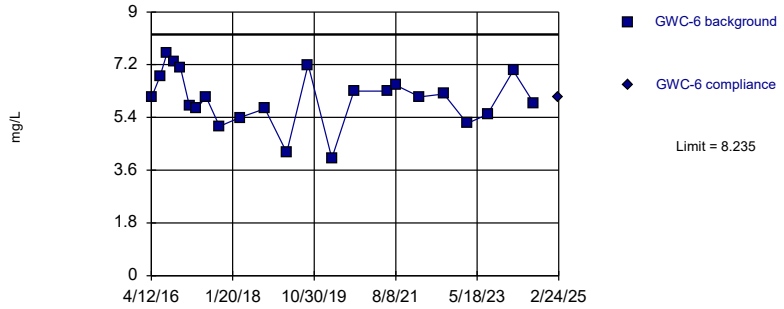
Constituent: Chloride Analysis Run 6/19/2025 9:05 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=6.047, Std. Dev.=0.9174, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9659, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

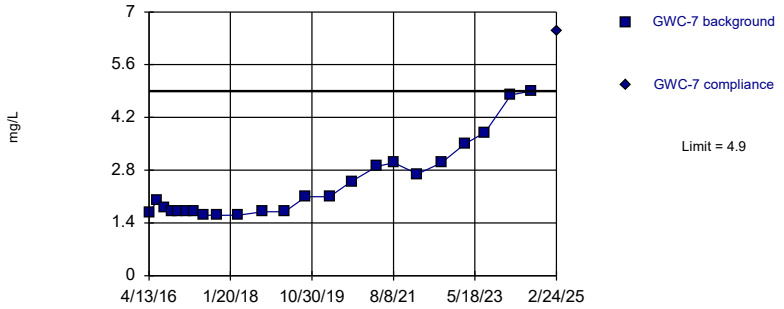
Constituent: Chloride Analysis Run 6/19/2025 9:05 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Exceeds Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 23 background values. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

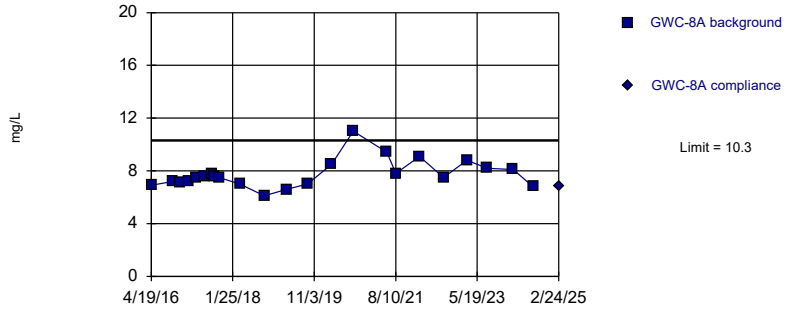
Constituent: Chloride Analysis Run 6/19/2025 9:05 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=7.752, Std. Dev.=1.069, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9035, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

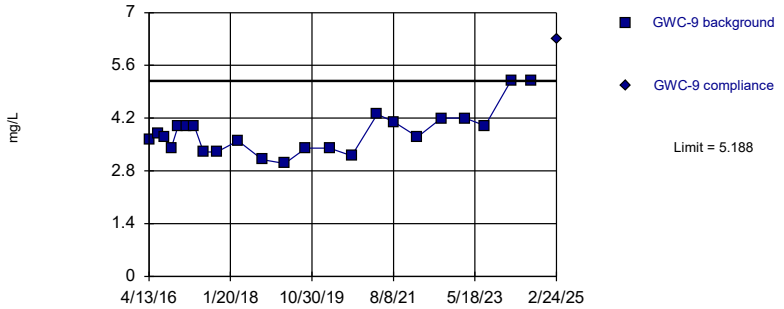
Constituent: Chloride Analysis Run 6/19/2025 9:05 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=3.815, Std. Dev.=0.5757, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9058, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

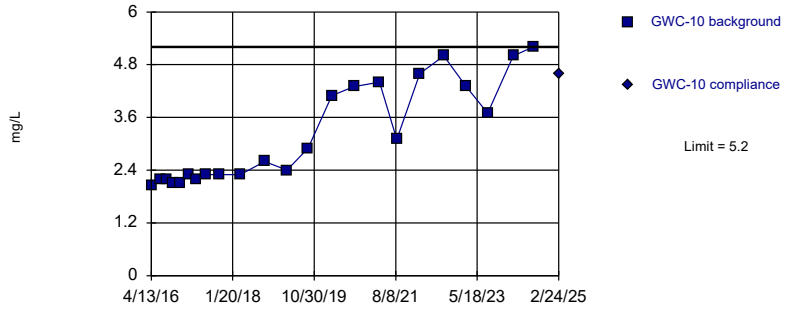
Constituent: Chloride Analysis Run 6/19/2025 9:05 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 23 background values. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Chloride Analysis Run 6/19/2025 9:05 AM View: Appendix III - Intrawell

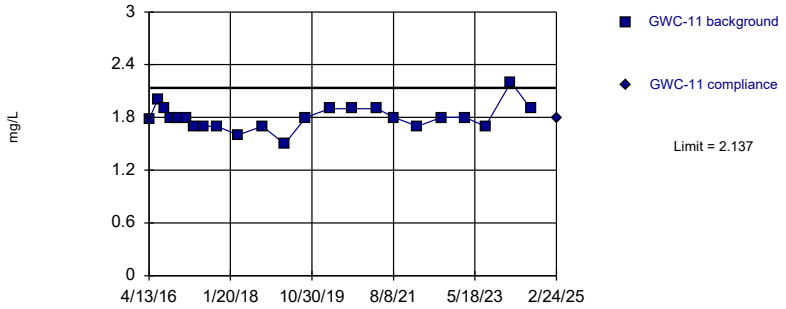
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=1.799, Std. Dev.=0.1415, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9219, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 6/19/2025 9:05 AM View: Appendix III - Intrawell

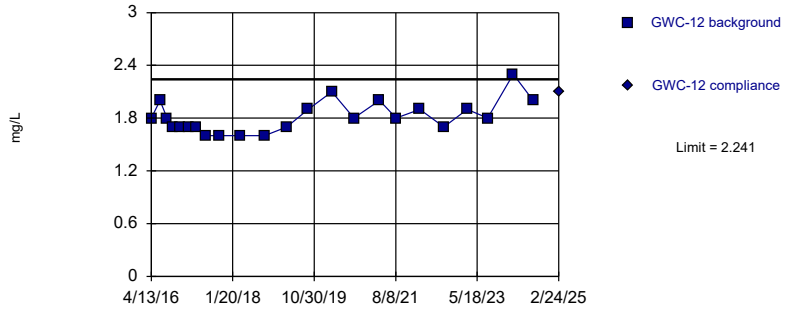
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=1.813, Std. Dev.=0.1792, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9062, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 6/19/2025 9:05 AM View: Appendix III - Intrawell

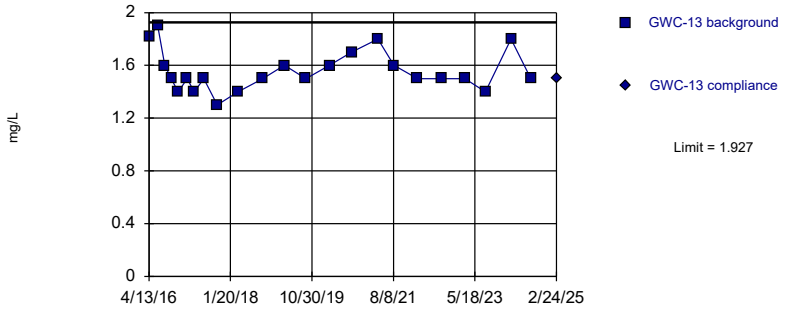
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=1.557, Std. Dev.=0.1547, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9006, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 6/19/2025 9:05 AM View: Appendix III - Intrawell

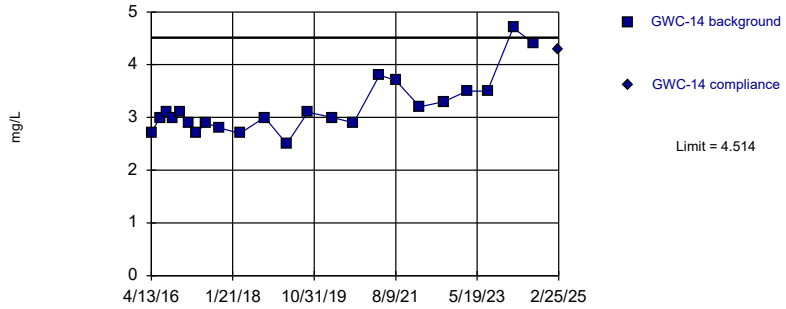
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=1.782, Std. Dev.=0.1435, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8826, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 6/19/2025 9:05 AM View: Appendix III - Intrawell

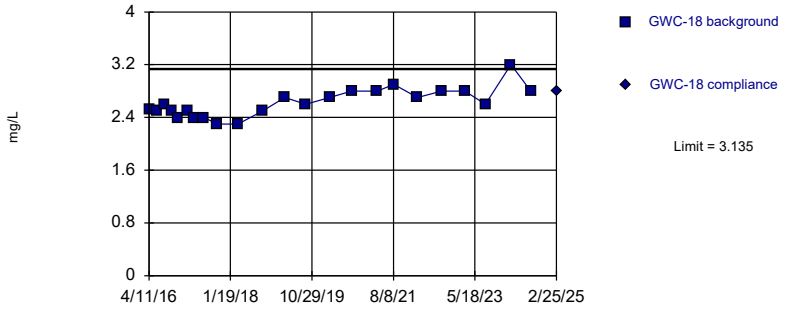
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=2.623, Std. Dev.=0.2145, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9423, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 6/19/2025 9:05 AM View: Appendix III - Intrawell

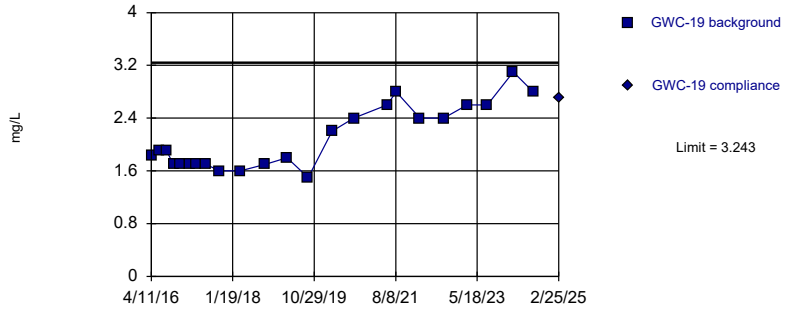
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=2.097, Std. Dev.=0.4799, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8822, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 6/19/2025 9:06 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

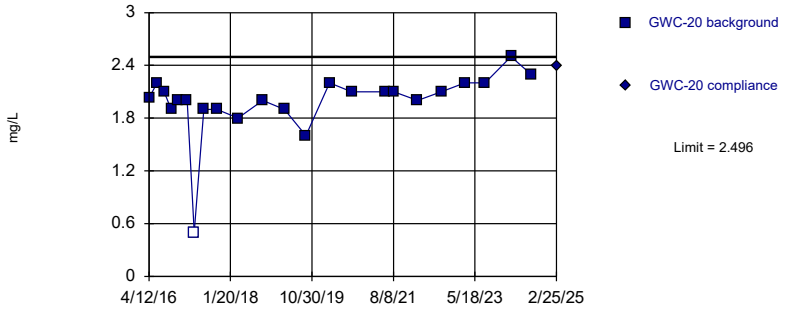
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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on cube transformation): Mean=8.458, Std. Dev.=2.969, n=23, 4.348% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9295, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

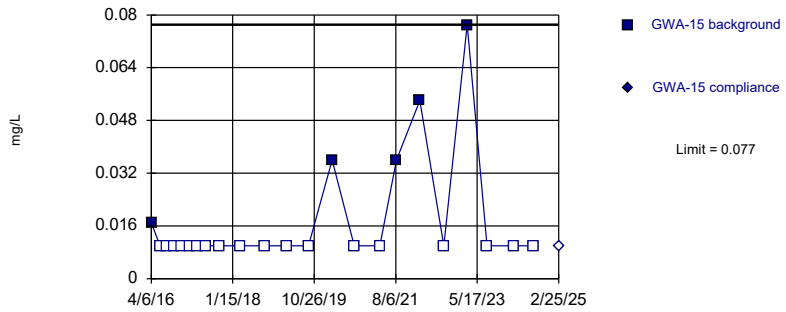
Constituent: Chloride Analysis Run 6/19/2025 9:06 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



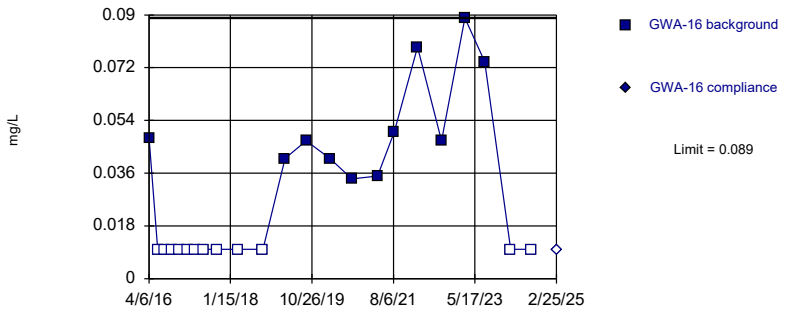
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 78.26% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Fluoride Analysis Run 6/19/2025 9:06 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



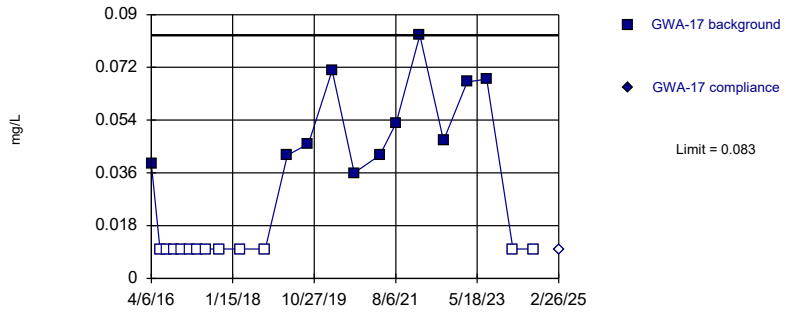
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 52.17% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Fluoride Analysis Run 6/19/2025 9:06 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



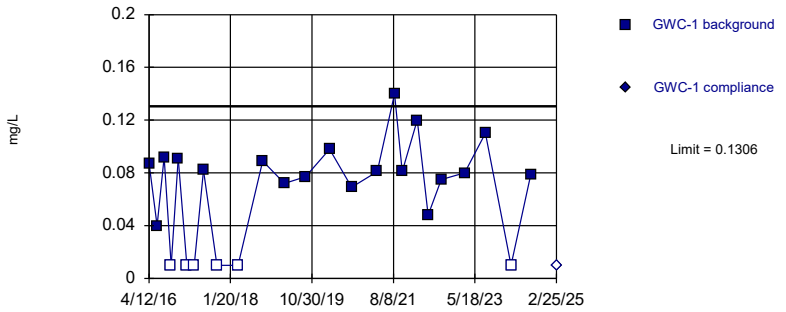
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 52.17% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Fluoride Analysis Run 6/19/2025 9:06 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Parametric



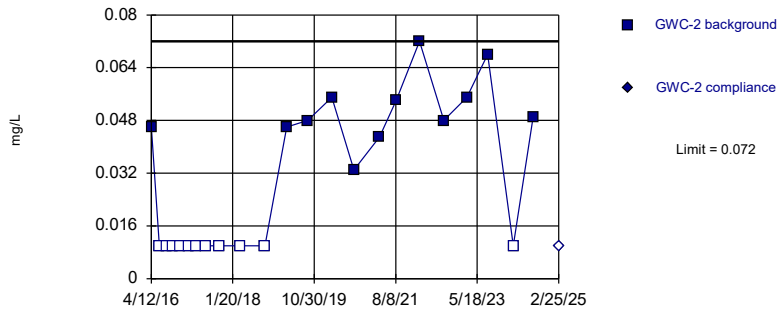
Background Data Summary (based on square transformation) (after Kaplan-Meier Adjustment): Mean=0.005705, Std. Dev.=0.004832, n=25, 24% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8986, critical = 0.888. Kappa = 2.347 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Fluoride Analysis Run 6/19/2025 9:06 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



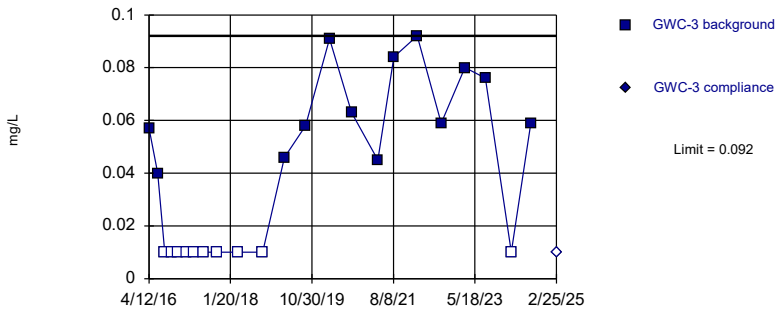
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 23 background values. 47.83% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Fluoride Analysis Run 6/19/2025 9:06 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



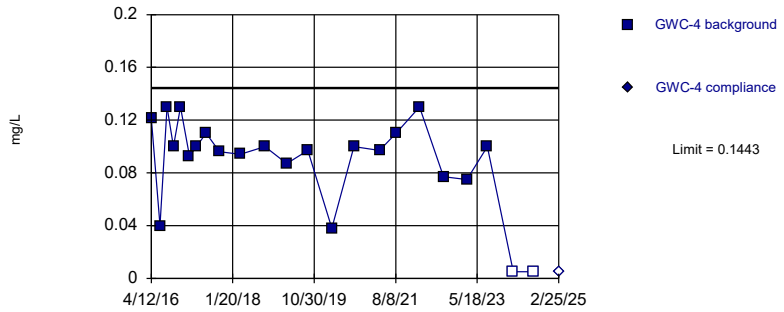
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 23 background values. 43.48% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Fluoride Analysis Run 6/19/2025 9:06 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Parametric



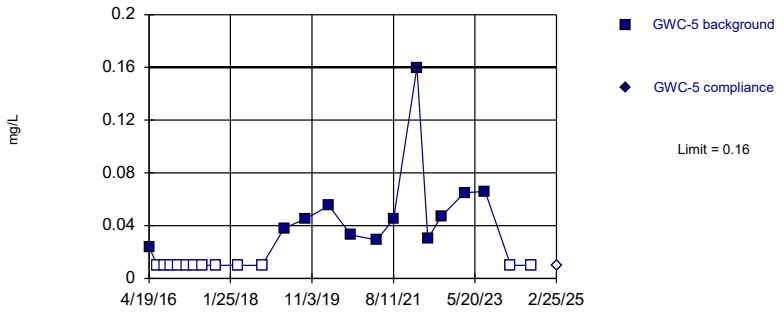
Background Data Summary (based on square transformation): Mean=0.009012, Std. Dev.=0.004953, n=23, 8.696% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9224, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Fluoride Analysis Run 6/19/2025 9:06 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



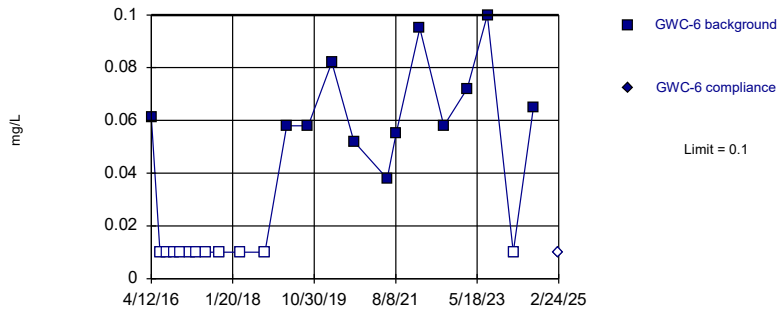
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 24 background values. 50% NDs. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Fluoride Analysis Run 6/19/2025 9:06 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



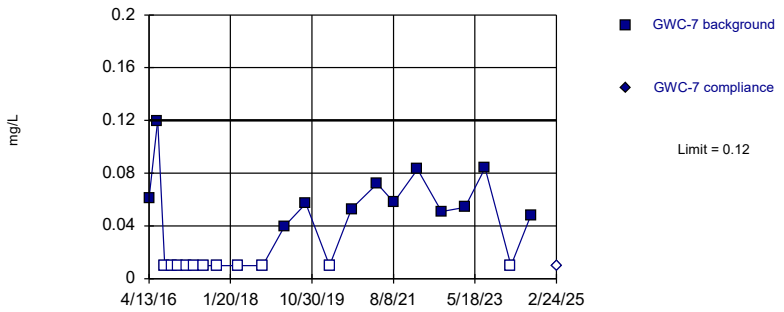
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 23 background values. 47.83% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Fluoride Analysis Run 6/19/2025 9:06 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



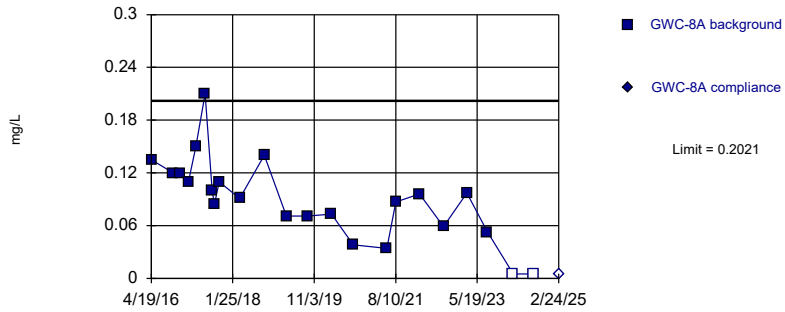
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 23 background values. 47.83% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Fluoride Analysis Run 6/19/2025 9:06 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Parametric



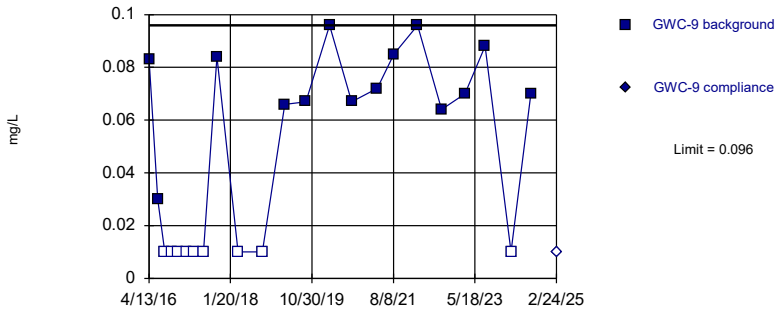
Background Data Summary: Mean=0.08952, Std. Dev.=0.04719, n=23, 8.696% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9737, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Fluoride Analysis Run 6/19/2025 9:06 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



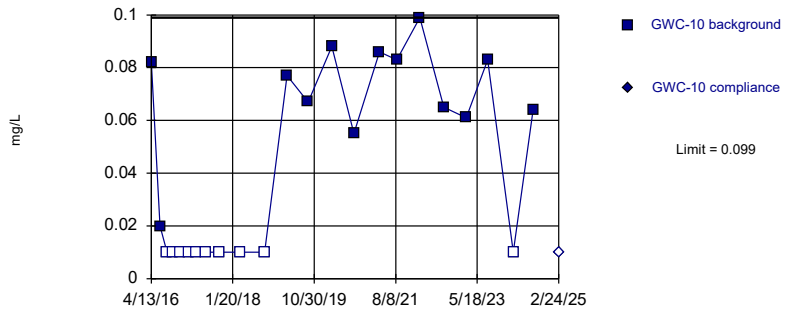
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 23 background values. 39.13% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Fluoride Analysis Run 6/19/2025 9:06 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



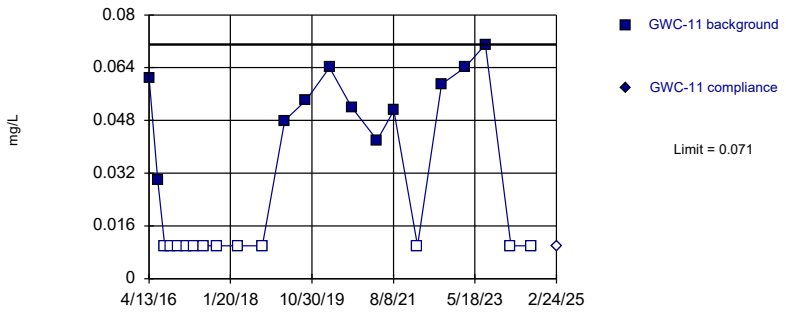
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 23 background values. 43.48% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Fluoride Analysis Run 6/19/2025 9:06 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



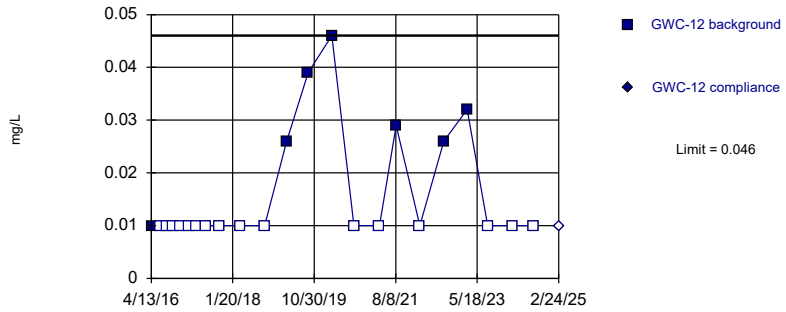
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 52.17% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Fluoride Analysis Run 6/19/2025 9:06 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



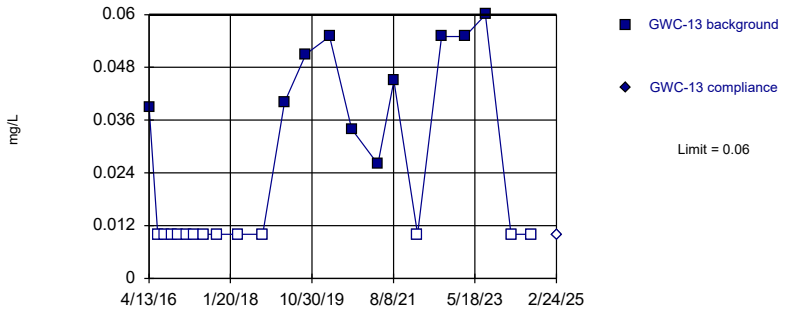
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 69.57% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Fluoride Analysis Run 6/19/2025 9:06 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



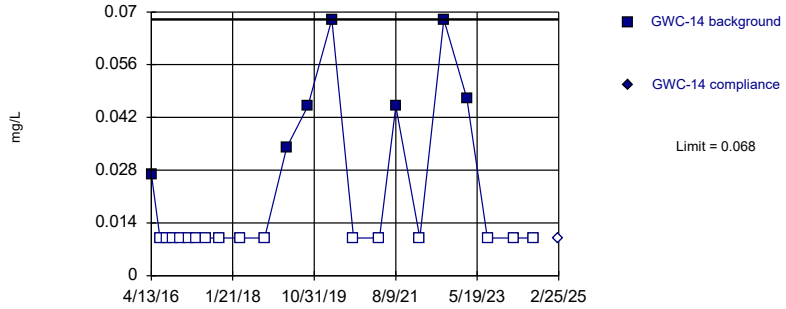
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 56.52% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Fluoride Analysis Run 6/19/2025 9:06 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



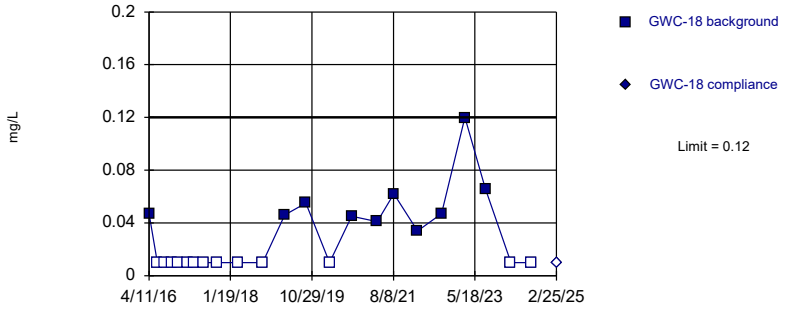
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 69.57% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Fluoride Analysis Run 6/19/2025 9:06 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



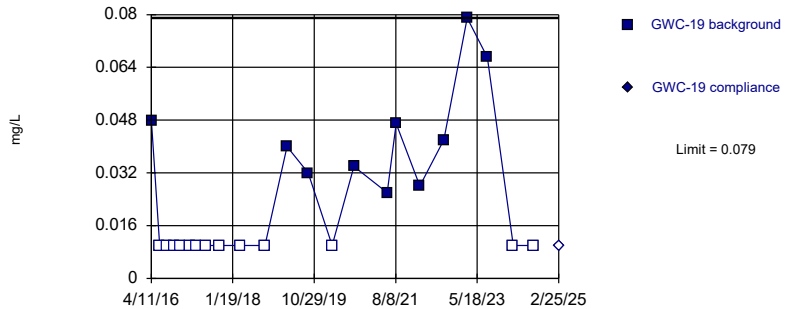
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 56.52% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Fluoride Analysis Run 6/19/2025 9:06 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



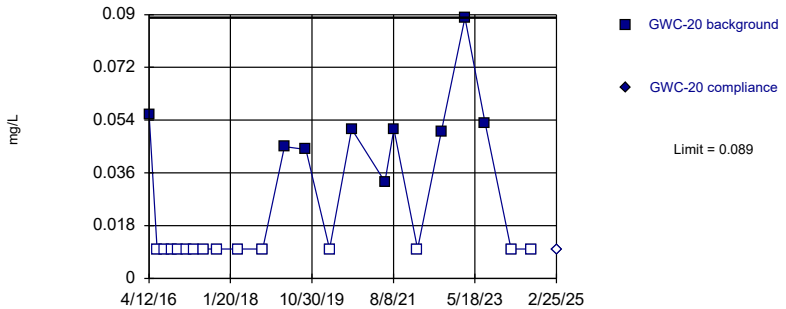
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 56.52% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Fluoride Analysis Run 6/19/2025 9:06 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 60.87% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

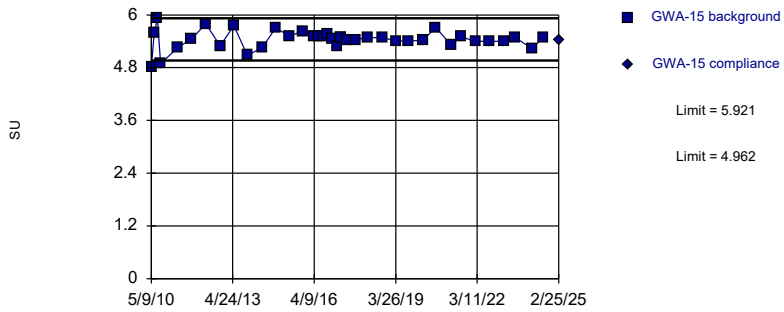
Constituent: Fluoride Analysis Run 6/19/2025 9:06 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=5.442, Std. Dev.=0.2152, n=38. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.927, critical = 0.916. Kappa = 2.228 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

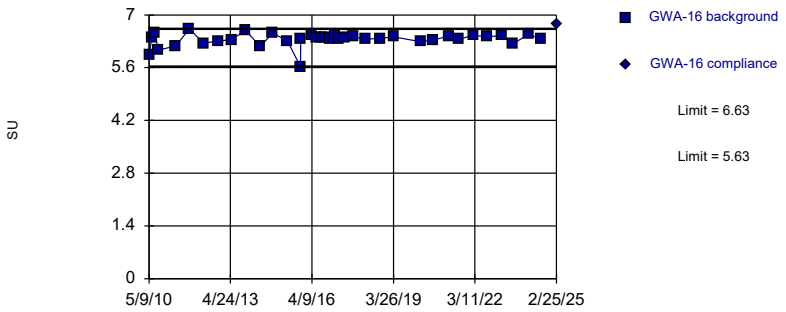
Constituent: pH, Field Analysis Run 6/19/2025 9:06 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Exceeds Limits

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 37 background values. Well-constituent pair annual alpha = 0.005442. Individual comparison alpha = 0.002723 (1 of 2).

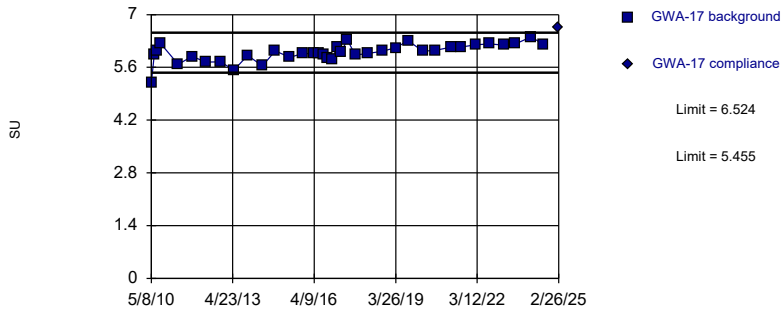
Constituent: pH, Field Analysis Run 6/19/2025 9:06 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Exceeds Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=5.99, Std. Dev.=0.2393, n=37. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9473, critical = 0.914. Kappa = 2.235 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

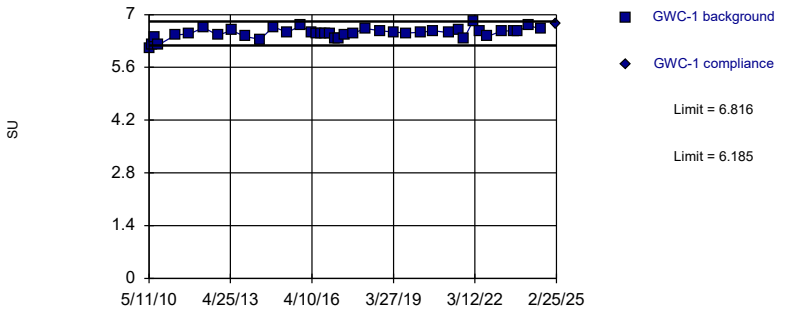
Constituent: pH, Field Analysis Run 6/19/2025 9:06 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=6.5, Std. Dev.=0.1424, n=40. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9535, critical = 0.919. Kappa = 2.216 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

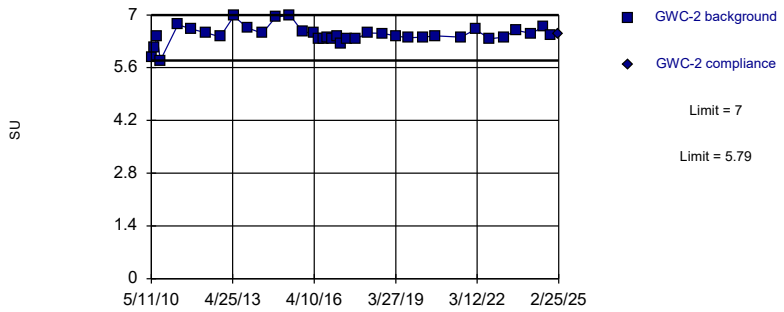
Constituent: pH, Field Analysis Run 6/19/2025 9:06 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Within Limits

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 37 background values. Well-constituent pair annual alpha = 0.005442. Individual comparison alpha = 0.002723 (1 of 2).

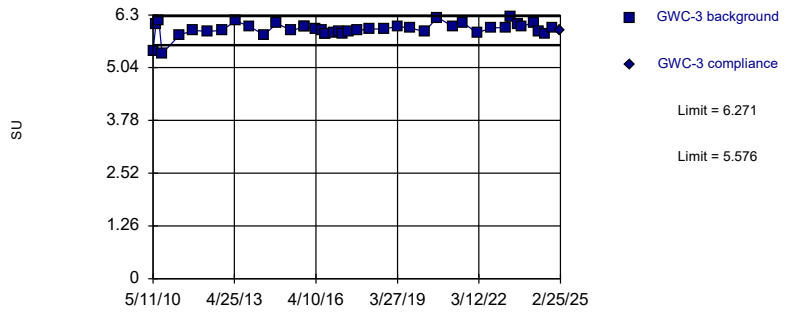
Constituent: pH, Field Analysis Run 6/19/2025 9:06 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary (based on x^5 transformation): Mean=7542, Std. Dev.=976.1, n=42. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9223, critical = 0.922. Kappa = 2.206 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

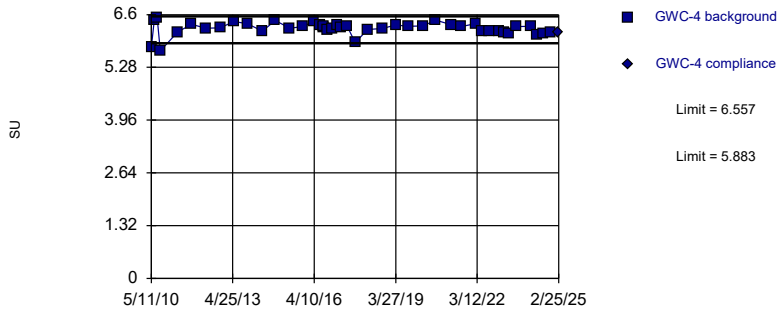
Constituent: pH, Field Analysis Run 6/19/2025 9:06 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary (based on x^6 transformation): Mean=60468, Std. Dev.=8638, n=43. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.93, critical = 0.923. Kappa = 2.201 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

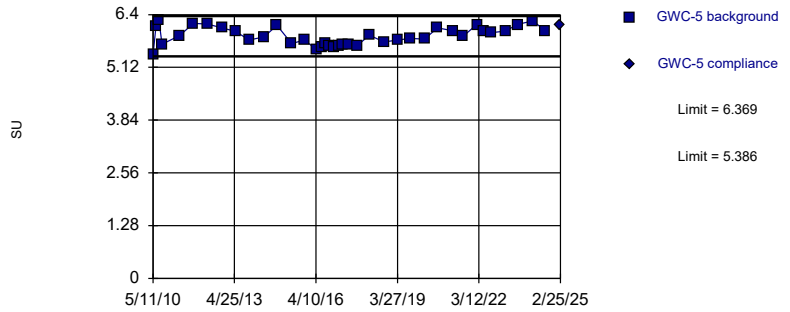
Constituent: pH, Field Analysis Run 6/19/2025 9:06 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=5.878, Std. Dev.=0.2204, n=38. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9586, critical = 0.916. Kappa = 2.228 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

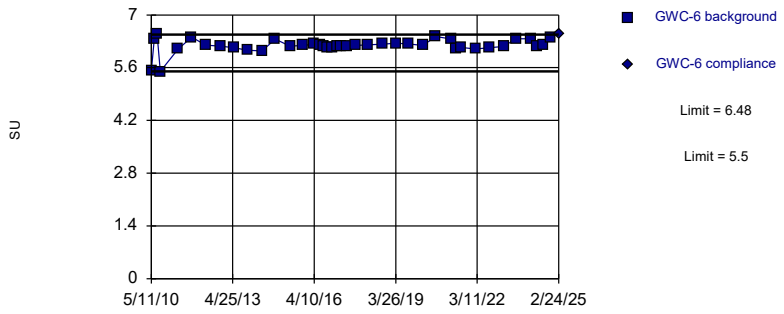
Constituent: pH, Field Analysis Run 6/19/2025 9:06 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Exceeds Limits

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 40 background values. Well-constituent pair annual alpha = 0.004632. Individual comparison alpha = 0.002317 (1 of 2).

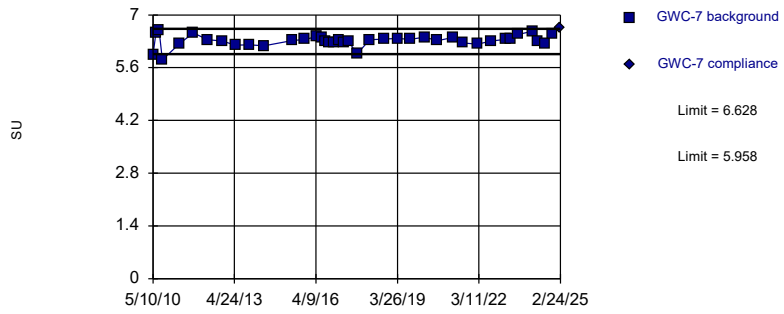
Constituent: pH, Field Analysis Run 6/19/2025 9:06 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Exceeds Limits

Prediction Limit

Intrawell Parametric



Background Data Summary (based on x^4 transformation): Mean=1595, Std. Dev.=150.8, n=39. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9222, critical = 0.917. Kappa = 2.222 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

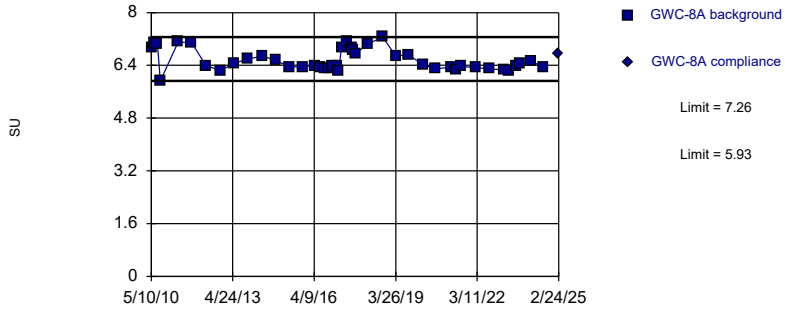
Constituent: pH, Field Analysis Run 6/19/2025 9:06 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Within Limits

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 43 background values. Well-constituent pair annual alpha = 0.004145. Individual comparison alpha = 0.002074 (1 of 2).

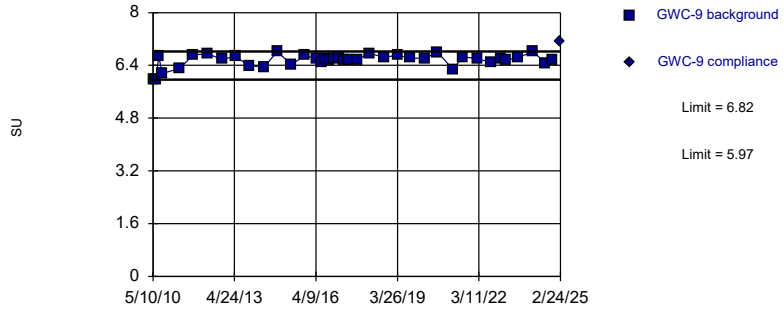
Constituent: pH, Field Analysis Run 6/19/2025 9:06 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Exceeds Limits

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 39 background values. Well-constituent pair annual alpha = 0.004902. Individual comparison alpha = 0.002453 (1 of 2).

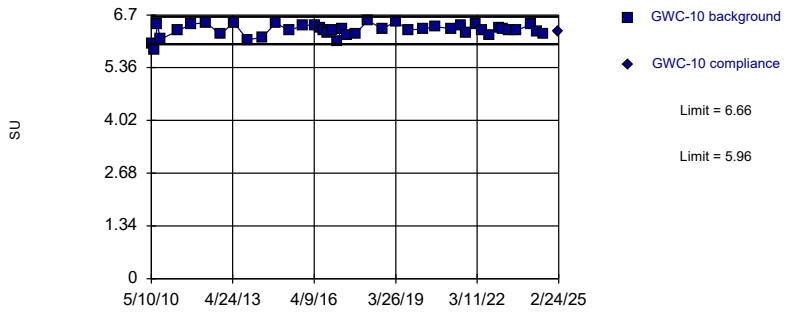
Constituent: pH, Field Analysis Run 6/19/2025 9:06 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=6.31, Std. Dev.=0.1585, n=42. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.941, critical = 0.922. Kappa = 2.206 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

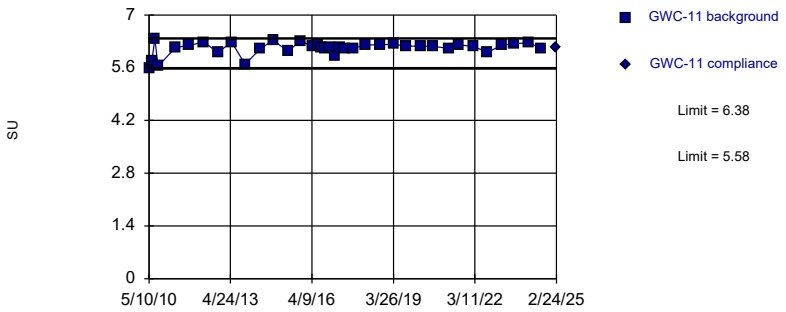
Constituent: pH, Field Analysis Run 6/19/2025 9:06 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Within Limits

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 37 background values. Well-constituent pair annual alpha = 0.005442. Individual comparison alpha = 0.002723 (1 of 2).

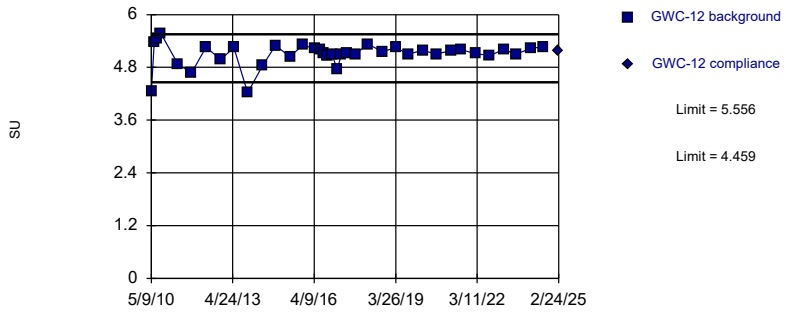
Constituent: pH, Field Analysis Run 6/19/2025 9:06 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary (based on x^5 transformation): Mean=3529, Std. Dev.=792.6, n=38. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9235, critical = 0.916. Kappa = 2.228 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

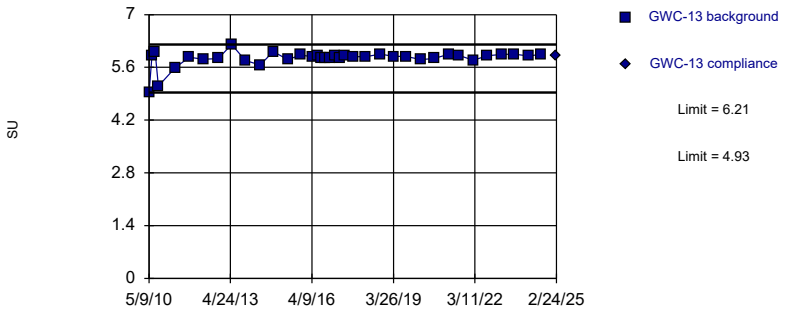
Constituent: pH, Field Analysis Run 6/19/2025 9:06 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Within Limits

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 38 background values. Well-constituent pair annual alpha = 0.005172. Individual comparison alpha = 0.002588 (1 of 2).

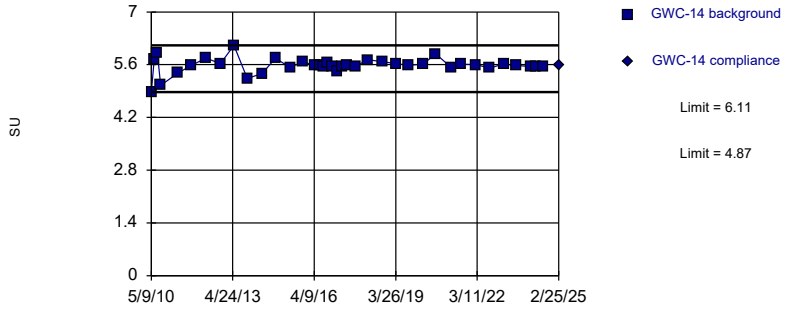
Constituent: pH, Field Analysis Run 6/19/2025 9:06 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Within Limits

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 38 background values. Well-constituent pair annual alpha = 0.005172. Individual comparison alpha = 0.002588 (1 of 2).

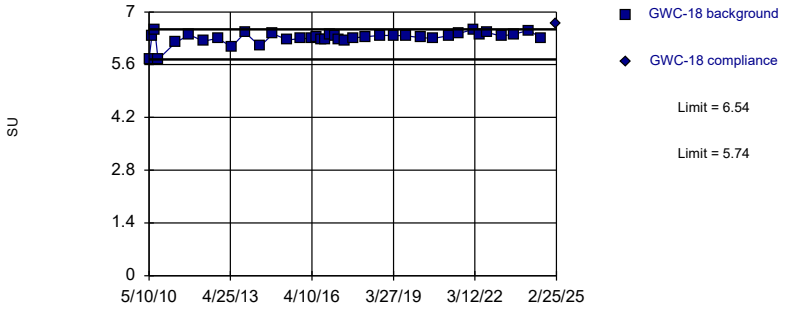
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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Exceeds Limits

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 38 background values. Well-constituent pair annual alpha = 0.005172. Individual comparison alpha = 0.002588 (1 of 2).

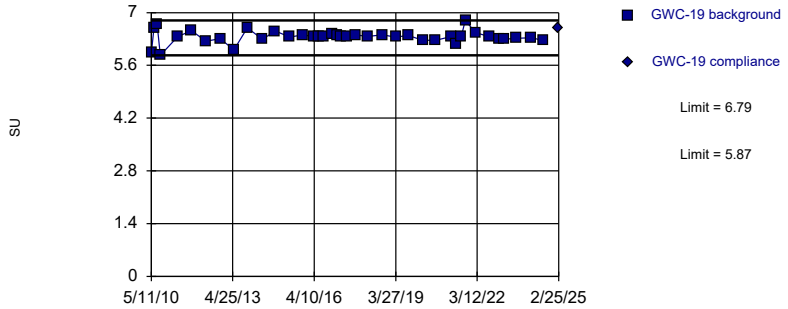
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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Within Limits

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 39 background values. Well-constituent pair annual alpha = 0.004902. Individual comparison alpha = 0.002453 (1 of 2).

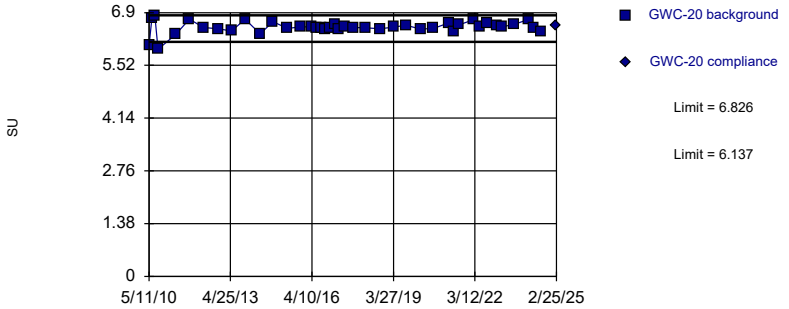
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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary (based on x^6 transformation): Mean=77297, Std. Dev.=10790, n=41. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.92, critical = 0.92. Kappa = 2.211 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

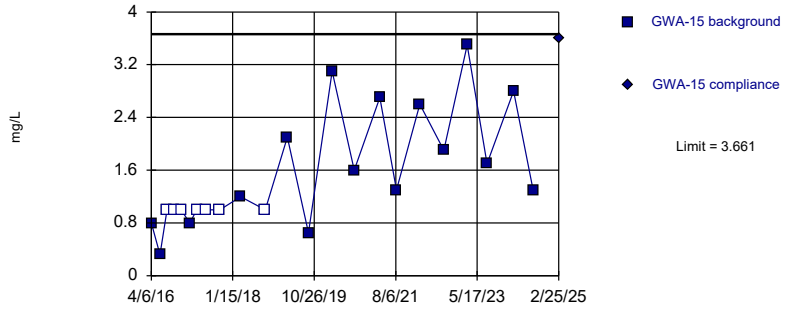
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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (after Kaplan-Meier Adjustment): Mean=1.402, Std. Dev.=0.9467, n=23, 30.43% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8844, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

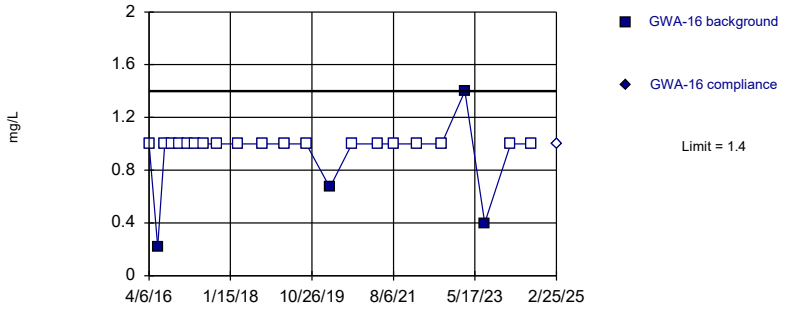
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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 82.61% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

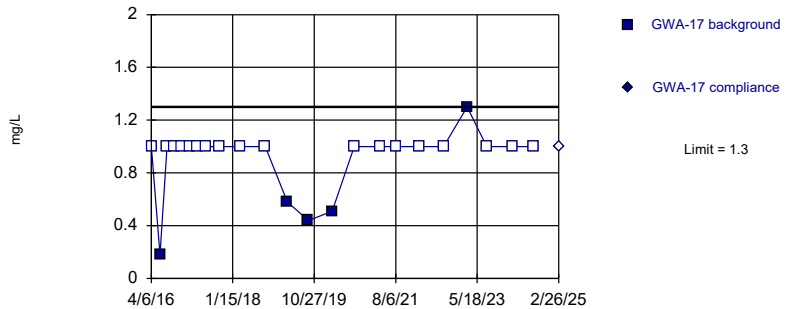
Constituent: Sulfate Analysis Run 6/19/2025 9:07 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 78.26% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

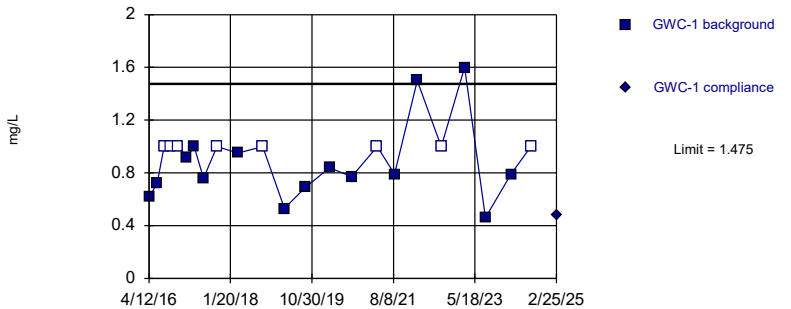
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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation) (after Kaplan-Meier Adjustment): Mean=0.8815, Std. Dev.=0.1397, n=23, 34.78% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9082, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

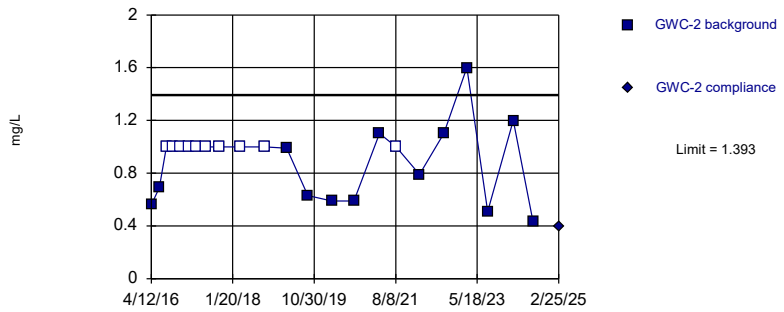
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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.7193, Std. Dev.=0.2825, n=23, 43.48% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.883, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Sulfate Analysis Run 6/19/2025 9:07 AM View: Appendix III - Intrawell

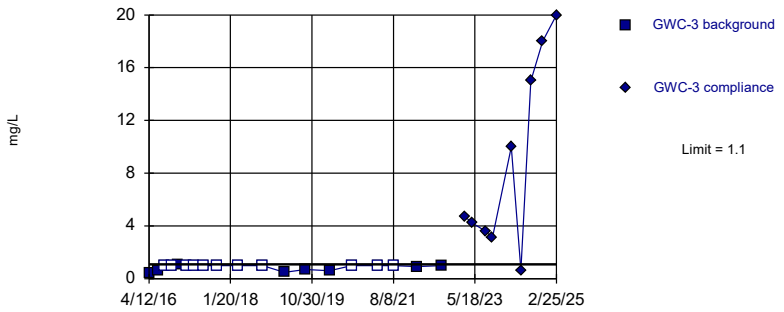
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Exceeds Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 57.89% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

Constituent: Sulfate Analysis Run 6/19/2025 9:07 AM View: Appendix III - Intrawell

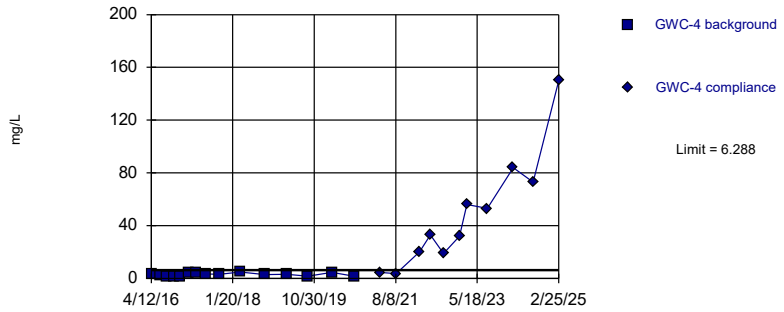
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=2.937, Std. Dev.=1.27, n=15. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9294, critical = 0.881. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Sulfate Analysis Run 6/19/2025 9:07 AM View: Appendix III - Intrawell

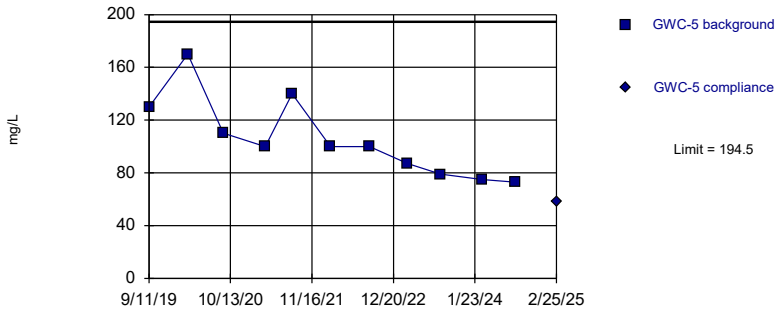
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=105.8, Std. Dev.=30.15, n=11. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9046, critical = 0.85. Kappa = 2.941 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Sulfate Analysis Run 6/19/2025 9:07 AM View: Appendix III - Intrawell

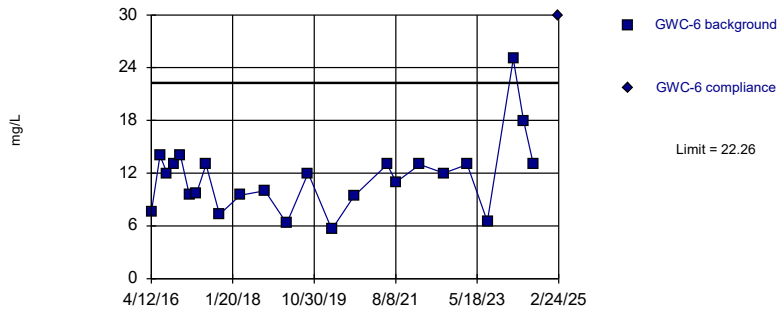
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=3.352, Std. Dev.=0.5775, n=24. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9279, critical = 0.884. Kappa = 2.366 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

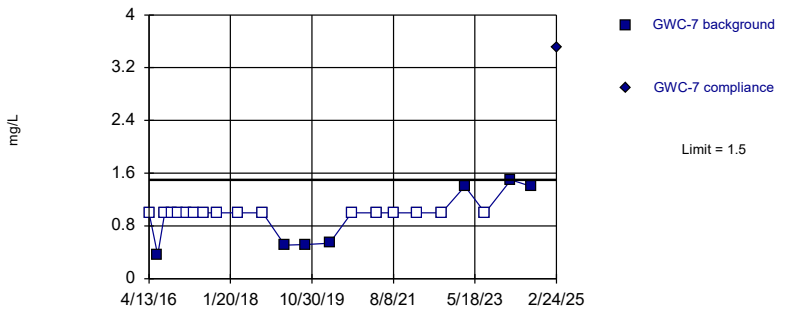
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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Exceeds Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 69.57% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

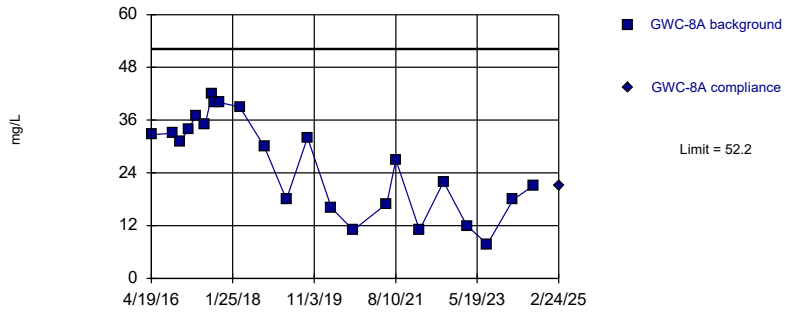
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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=26.37, Std. Dev.=10.83, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.928, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

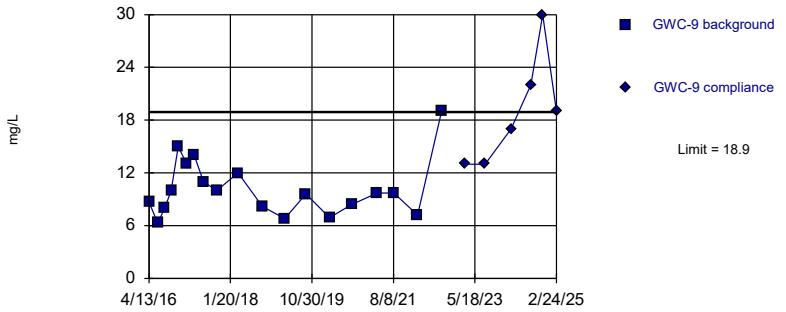
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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=3.156, Std. Dev.=0.4807, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9365, critical = 0.901. Kappa = 2.478 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

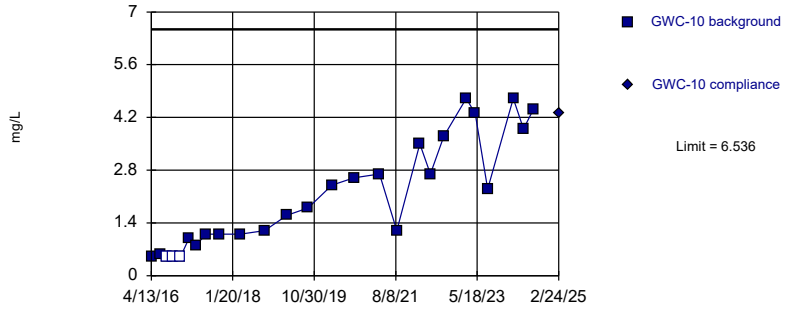
Constituent: Sulfate Analysis Run 6/19/2025 9:07 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=1.372, Std. Dev.=0.5072, n=26, 11.54% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9101, critical = 0.891. Kappa = 2.335 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

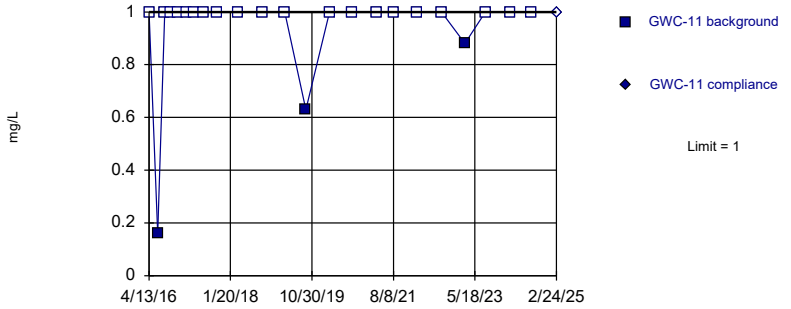
Constituent: Sulfate Analysis Run 6/19/2025 9:07 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 86.96% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

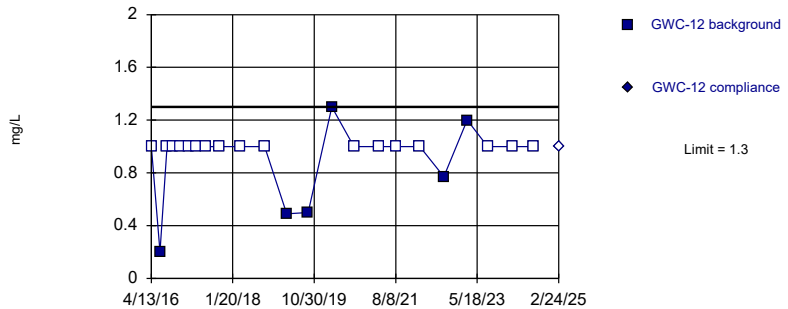
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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 73.91% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

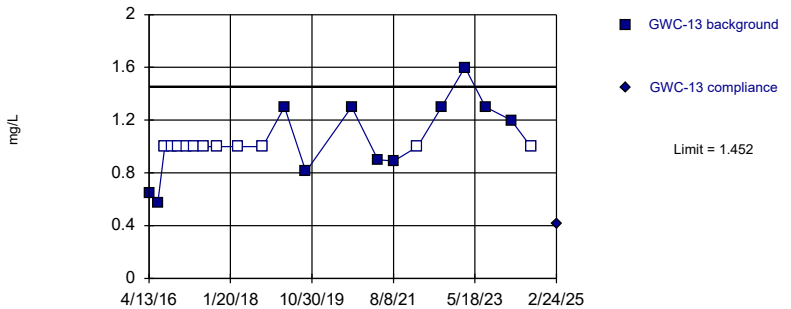
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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.849, Std. Dev.=0.2507, n=22, 50% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.896, critical = 0.878. Kappa = 2.406 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

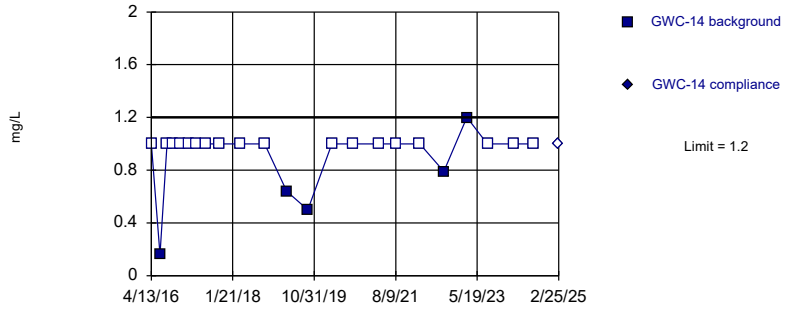
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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 78.26% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Sulfate Analysis Run 6/19/2025 9:07 AM View: Appendix III - Intrawell

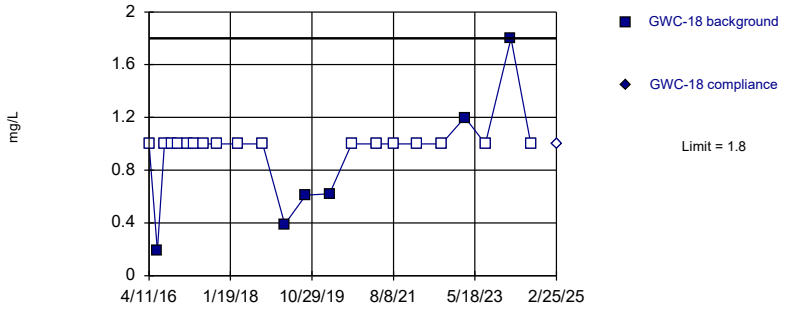
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 73.91% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Sulfate Analysis Run 6/19/2025 9:07 AM View: Appendix III - Intrawell

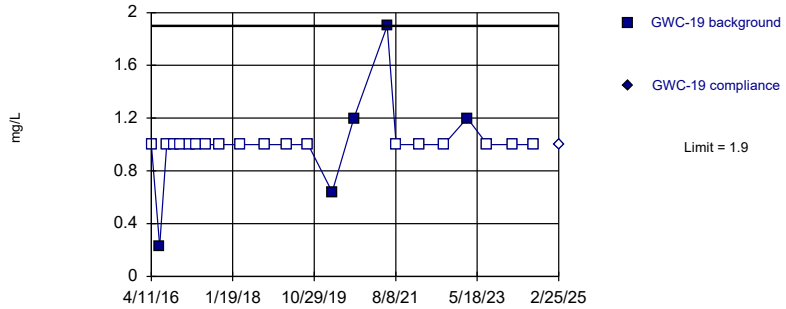
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 78.26% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Sulfate Analysis Run 6/19/2025 9:07 AM View: Appendix III - Intrawell

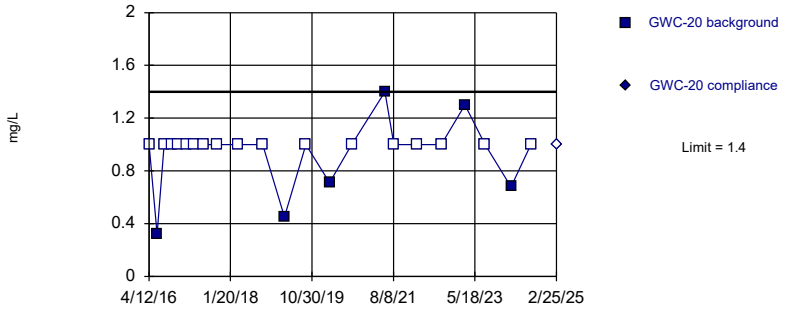
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 73.91% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Sulfate Analysis Run 6/19/2025 9:07 AM View: Appendix III - Intrawell

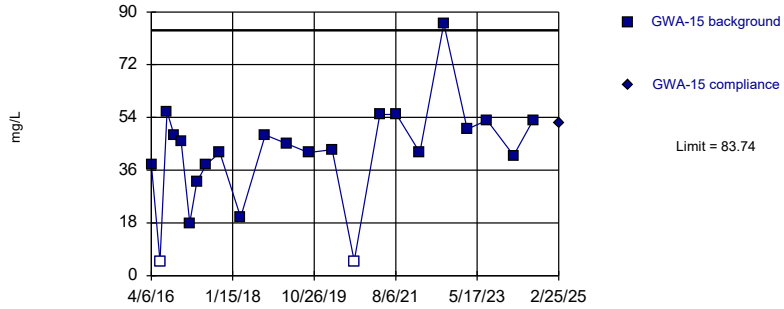
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=41.78, Std. Dev.=17.59, n=23, 8.696% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9044, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: TDS Analysis Run 6/19/2025 9:07 AM View: Appendix III - Intrawell

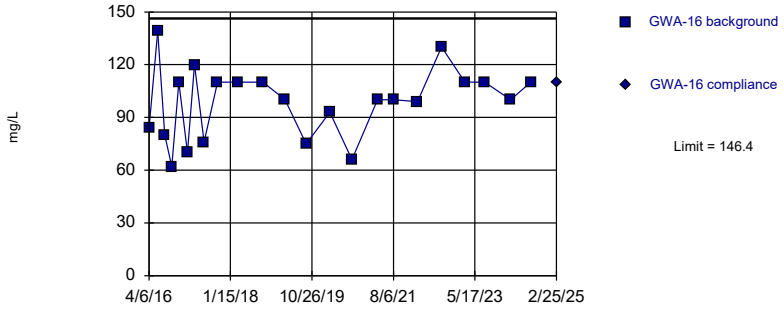
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=98.43, Std. Dev.=20.08, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9487, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: TDS Analysis Run 6/19/2025 9:07 AM View: Appendix III - Intrawell

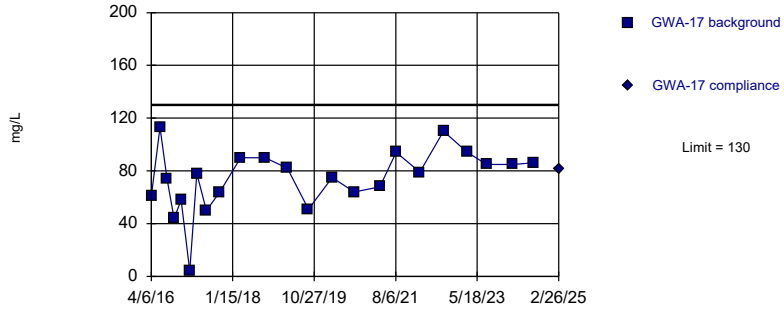
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=73.87, Std. Dev.=23.54, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9374, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: TDS Analysis Run 6/19/2025 9:07 AM View: Appendix III - Intrawell

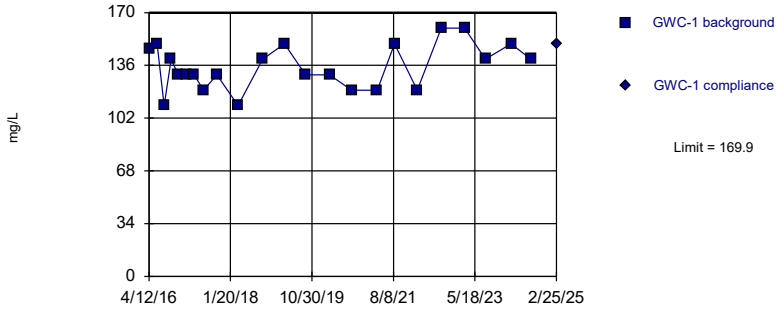
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=135.1, Std. Dev.=14.61, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9453, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: TDS Analysis Run 6/19/2025 9:07 AM View: Appendix III - Intrawell

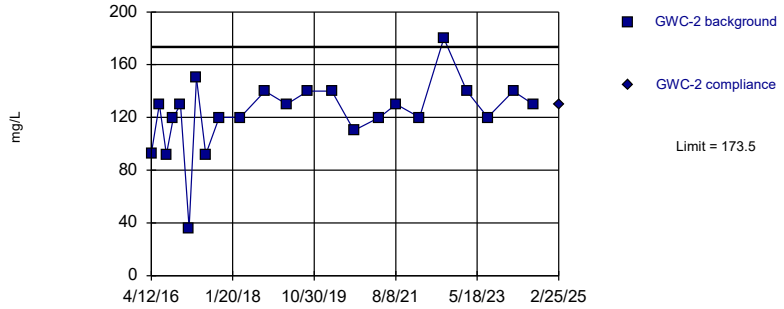
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square transformation): Mean=15773, Std. Dev.=6005, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9208, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

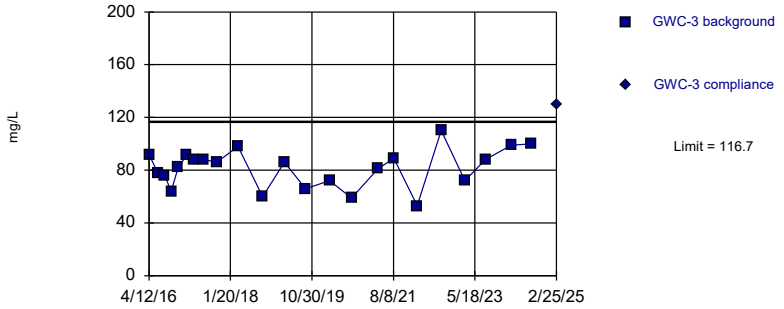
Constituent: TDS Analysis Run 6/19/2025 9:07 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=81.7, Std. Dev.=14.66, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9742, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

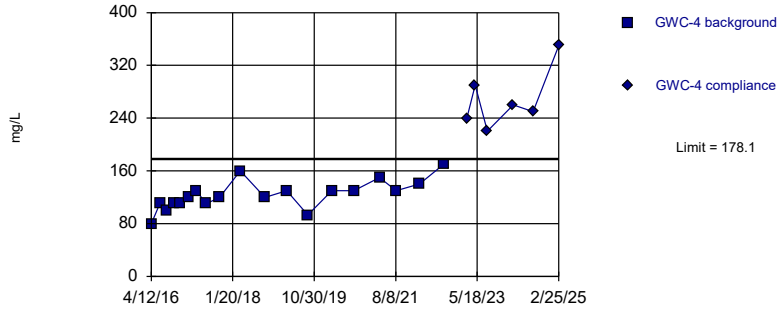
Constituent: TDS Analysis Run 6/19/2025 9:07 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=123.4, Std. Dev.=22.1, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9712, critical = 0.901. Kappa = 2.478 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

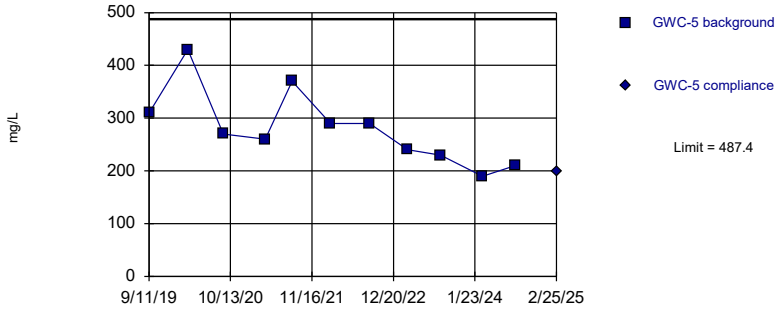
Constituent: TDS Analysis Run 6/19/2025 9:07 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=280.9, Std. Dev.=70.21, n=11. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9358, critical = 0.85. Kappa = 2.941 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

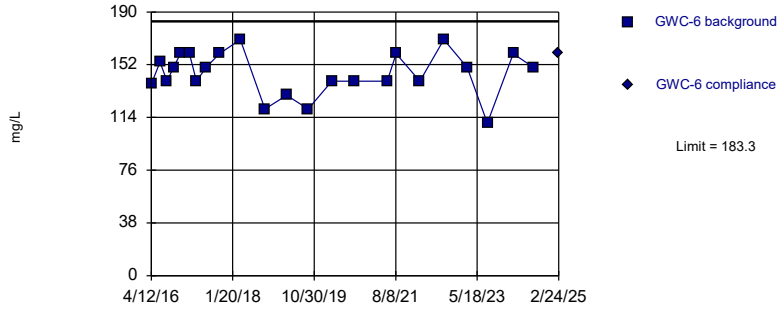
Constituent: TDS Analysis Run 6/19/2025 9:07 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=145.7, Std. Dev.=15.73, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9405, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

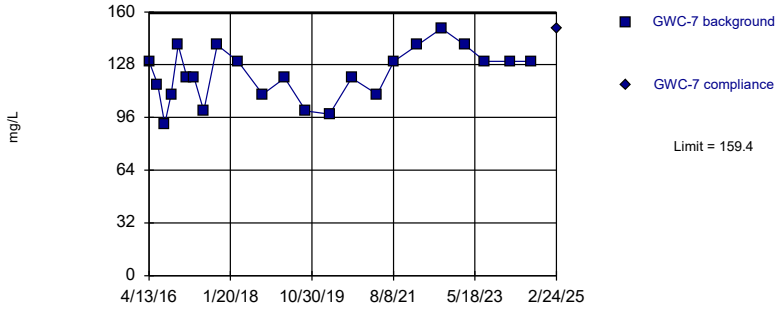
Constituent: TDS Analysis Run 6/19/2025 9:07 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=122, Std. Dev.=15.66, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9535, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

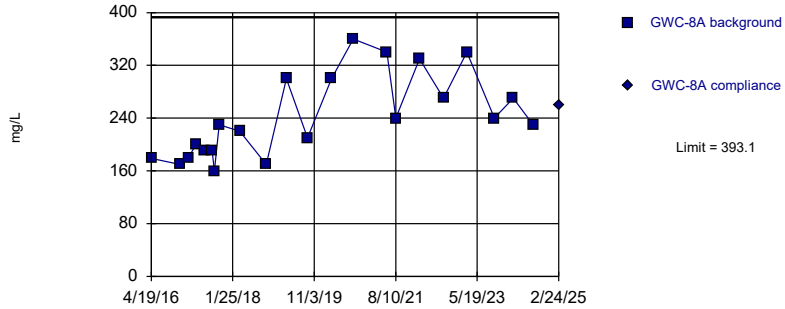
Constituent: TDS Analysis Run 6/19/2025 9:07 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=241.8, Std. Dev.=62.89, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9193, critical = 0.878. Kappa = 2.406 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

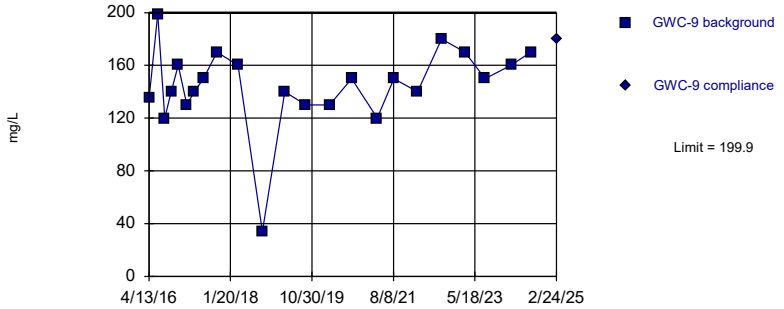
Constituent: TDS Analysis Run 6/19/2025 9:07 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square transformation): Mean=21860, Std. Dev.=7584, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.949, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

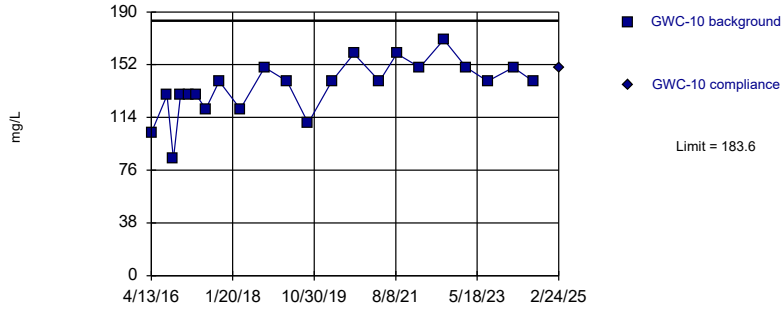
Constituent: TDS Analysis Run 6/19/2025 9:07 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=135.8, Std. Dev.=19.89, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9462, critical = 0.878. Kappa = 2.406 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: TDS Analysis Run 6/19/2025 9:07 AM View: Appendix III - Intrawell

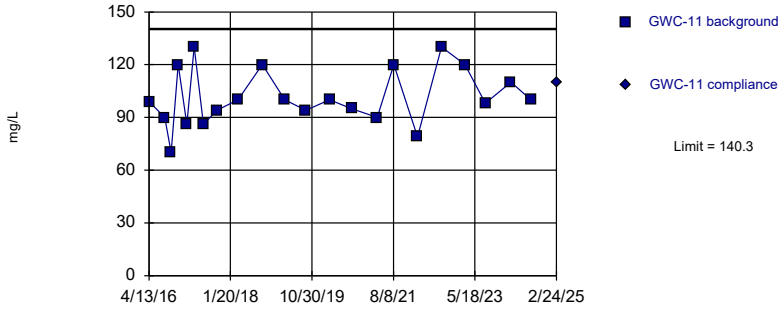
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=101.4, Std. Dev.=16.17, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9442, critical = 0.878. Kappa = 2.406 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: TDS Analysis Run 6/19/2025 9:07 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

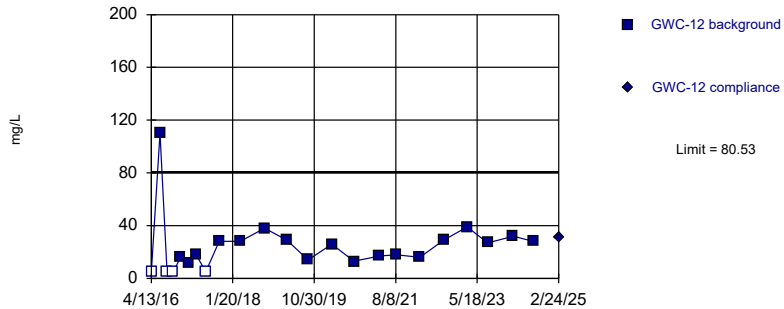
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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on cube root transformation) (after Kaplan-Meier Adjustment): Mean=2.578, Std. Dev.=0.7293, n=23, 17.39% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8986, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: TDS Analysis Run 6/19/2025 9:07 AM View: Appendix III - Intrawell

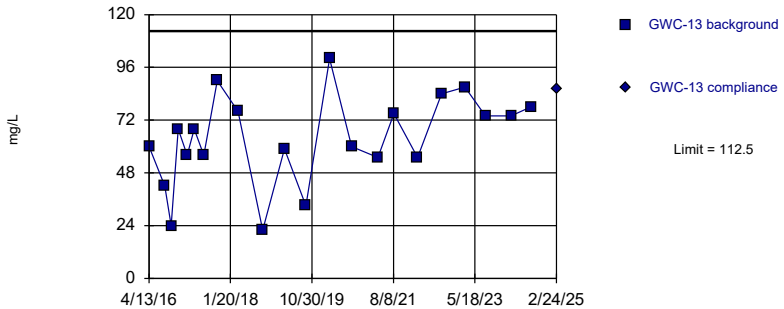
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=63.45, Std. Dev.=20.4, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9604, critical = 0.878. Kappa = 2.406 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: TDS Analysis Run 6/19/2025 9:07 AM View: Appendix III - Intrawell

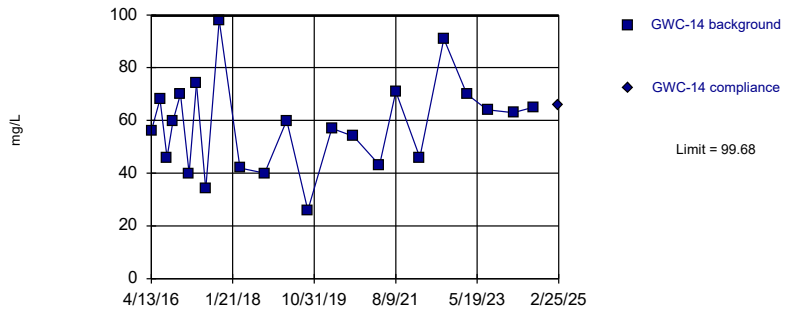
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=58.17, Std. Dev.=17.4, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9705, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

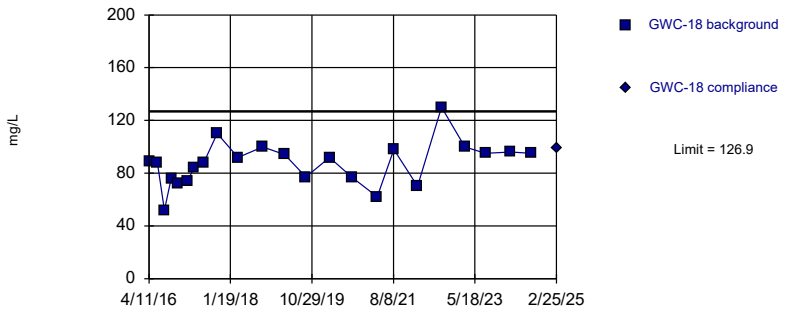
Constituent: TDS Analysis Run 6/19/2025 9:07 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=87.43, Std. Dev.=16.53, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9658, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

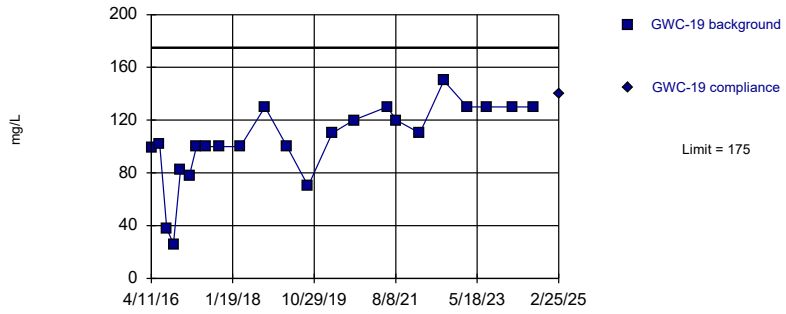
Constituent: TDS Analysis Run 6/19/2025 9:07 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=103.7, Std. Dev.=29.86, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8923, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

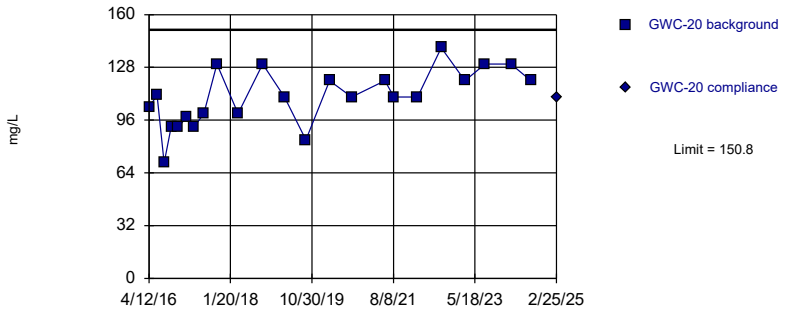
Constituent: TDS Analysis Run 6/19/2025 9:07 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=109.7, Std. Dev.=17.22, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9691, critical = 0.881. Kappa = 2.386 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: TDS Analysis Run 6/19/2025 9:07 AM View: Appendix III - Intrawell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15	GWA-15
4/6/2016	<0.08	
6/15/2016	0.0031 (J)	
8/10/2016	<0.08	
10/4/2016	<0.08	
11/30/2016	<0.08	
2/7/2017	<0.08	
4/4/2017	<0.08	
6/20/2017	<0.08	
10/4/2017	<0.08	
3/20/2018	<0.08	
10/2/2018	<0.08	
3/26/2019	<0.08	
9/10/2019	<0.08	
3/18/2020	<0.08	
9/9/2020	<0.08	
4/1/2021	<0.08	
8/11/2021	<0.08	
2/15/2022	<0.08	
8/25/2022	<0.08	
2/28/2023	<0.08	
8/3/2023	0.03 (J)	
3/4/2024	<0.08	
8/6/2024	<0.08	
2/25/2025		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-16	GWA-16
4/6/2016	<0.08	
6/15/2016	<0.08	
8/10/2016	<0.08	
10/4/2016	<0.08	
11/29/2016	<0.08	
2/7/2017	<0.08	
4/4/2017	<0.08	
6/20/2017	<0.08	
10/5/2017	<0.08	
3/20/2018	<0.08	
10/2/2018	<0.08	
3/26/2019	<0.08	
9/10/2019	<0.08	
3/18/2020	<0.08	
9/9/2020	<0.08	
4/1/2021	<0.08	
8/11/2021	<0.08	
2/15/2022	<0.08	
8/25/2022	<0.08	
2/28/2023	<0.08	
8/3/2023	<0.08	
2/28/2024	<0.08	
8/6/2024	<0.08	
2/25/2025		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17	GWA-17
4/6/2016	<0.08	
6/15/2016	0.0028 (J)	
8/10/2016	<0.08	
10/5/2016	<0.08	
11/29/2016	<0.08	
2/7/2017	<0.08	
4/4/2017	<0.08	
6/20/2017	<0.08	
10/5/2017	<0.08	
3/20/2018	<0.08	
10/2/2018	<0.08	
3/26/2019	<0.08	
9/10/2019	<0.08	
3/18/2020	<0.08	
9/9/2020	<0.08	
4/1/2021	<0.08	
8/11/2021	<0.08	
2/15/2022	<0.08	
8/24/2022	<0.08	
2/28/2023	<0.08	
8/3/2023	<0.08	
2/28/2024	<0.08	
8/6/2024	<0.08	
2/26/2025		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-1	GWC-1
4/12/2016	<0.08	
6/16/2016	0.0044 (J)	
8/11/2016	<0.08	
10/4/2016	<0.08	
11/30/2016	<0.08	
2/7/2017	<0.08	
4/5/2017	<0.08	
6/20/2017	<0.08	
10/4/2017	<0.08	
3/20/2018	<0.08	
10/2/2018	<0.08	
3/26/2019	<0.08	
9/10/2019	<0.08	
3/18/2020	<0.08	
9/9/2020	<0.08	
4/1/2021	0.053 (J)	
8/18/2021	<0.08	
2/15/2022	<0.08	
8/24/2022	<0.08	
2/27/2023	<0.08	
8/9/2023	<0.08	
3/1/2024	<0.08	
8/6/2024	<0.08	
2/25/2025		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-2	GWC-2
4/12/2016	<0.08	
6/16/2016	0.0034 (J)	
8/11/2016	<0.08	
10/4/2016	<0.08	
11/30/2016	<0.08	
2/7/2017	<0.08	
4/6/2017	<0.08	
6/20/2017	<0.08	
10/4/2017	<0.08	
3/20/2018	<0.08	
10/2/2018	<0.08	
3/26/2019	<0.08	
9/10/2019	<0.08	
3/18/2020	<0.08	
9/9/2020	<0.08	
4/1/2021	<0.08	
8/12/2021	<0.08	
2/15/2022	<0.08	
8/26/2022	<0.08	
2/27/2023	<0.08	
8/9/2023	<0.08	
3/1/2024	0.023 (J)	
8/6/2024	<0.08	
2/25/2025		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-3
4/12/2016	<0.08	
6/20/2016	0.0015 (J)	
8/12/2016	<0.08	
10/5/2016	<0.08	
11/30/2016	<0.08	
2/8/2017	<0.08	
4/6/2017	<0.08	
6/21/2017	<0.08	
10/5/2017	<0.08	
3/21/2018	<0.08	
10/3/2018	<0.08	
3/26/2019	<0.08	
9/10/2019	<0.08	
3/18/2020	<0.08	
9/10/2020	<0.08	
4/6/2021	0.078 (J)	
8/12/2021	<0.08	
2/15/2022	<0.08	
8/25/2022	<0.08	
2/28/2023	<0.08	
8/9/2023	<0.08	
3/4/2024	<0.08	
8/7/2024	<0.08	
2/25/2025		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
4/12/2016	<0.08	
6/20/2016	0.0026 (J)	
8/12/2016	<0.08	
10/6/2016	<0.08	
11/30/2016	<0.08	
2/8/2017	<0.08	
4/6/2017	<0.08	
6/22/2017	<0.08	
10/6/2017	<0.08	
3/21/2018	<0.08	
10/3/2018	<0.08	
3/26/2019	<0.08	
9/10/2019	<0.08	
3/19/2020	<0.08	
9/10/2020	<0.08	
4/2/2021	<0.08	
8/12/2021	<0.08	
2/15/2022	<0.08	
8/25/2022	<0.08	
2/27/2023	<0.08	
8/8/2023	<0.08	
2/29/2024	<0.08	
8/7/2024	0.13	
11/6/2024	0.022 (J)	
2/25/2025		0.029 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-5	GWC-5
4/19/2016	<0.1	
6/22/2016	0.238	
8/16/2016	0.39	
10/6/2016	0.34	
12/1/2016	0.37	
2/9/2017	0.38	
4/6/2017	0.4	
6/21/2017	0.39	
10/5/2017	0.47	
3/22/2018	0.48	
10/3/2018	0.47	
3/27/2019	0.33	
9/11/2019	0.31	
3/18/2020	0.26	
9/9/2020	0.24	
4/1/2021	0.23	
8/12/2021	0.19	
2/15/2022	0.19	
8/25/2022	0.19	
2/28/2023	0.19	
8/8/2023	0.15	
2/29/2024	0.17	
8/6/2024	0.14	
2/25/2025		0.14

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-6	GWC-6
4/12/2016	<0.08	
6/20/2016	<0.08	
8/12/2016	<0.08	
10/6/2016	<0.08	
11/30/2016	<0.08	
2/9/2017	<0.08	
4/6/2017	<0.08	
6/21/2017	<0.08	
10/6/2017	<0.08	
3/21/2018	<0.08	
10/3/2018	<0.08	
3/26/2019	<0.08	
9/11/2019	<0.08	
3/18/2020	<0.08	
9/10/2020	<0.08	
4/5/2021	0.042 (J)	
8/11/2021	0.057 (J)	
2/15/2022	<0.08	
8/25/2022	<0.08	
2/27/2023	<0.08	
8/8/2023	<0.08	
2/29/2024	<0.08	
8/7/2024	0.085	
11/6/2024	<0.08	
2/24/2025		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-7	GWC-7
4/13/2016	<0.08	
6/20/2016	0.0019 (J)	
8/15/2016	<0.08	
10/6/2016	<0.08	
12/1/2016	<0.08	
2/9/2017	<0.08	
4/7/2017	<0.08	
6/22/2017	<0.08	
10/6/2017	<0.08	
3/22/2018	<0.08	
10/4/2018	<0.08	
3/27/2019	<0.08	
9/11/2019	<0.08	
3/19/2020	<0.08	
9/10/2020	<0.08	
4/1/2021	<0.08	
8/11/2021	0.056 (J)	
2/15/2022	<0.08	
8/25/2022	<0.08	
2/27/2023	<0.08	
8/8/2023	<0.08	
2/29/2024	<0.08	
8/6/2024	<0.08	
2/24/2025		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-8A
4/19/2016	0.145	
10/10/2016	0.12	
12/1/2016	0.12	
2/9/2017	0.13	
4/7/2017	0.21	
6/21/2017	0.23	
8/15/2017	0.27	
9/1/2017	0.24	
10/9/2017	0.24	
3/22/2018	0.25	
10/4/2018	0.21	
3/27/2019	0.16	
9/11/2019	0.21	
3/18/2020	0.16	
9/9/2020	0.13	
4/5/2021	0.18	
8/12/2021	0.23	
2/15/2022	0.13	
8/25/2022	0.18	
2/27/2023	0.14	
8/8/2023	0.14	
2/29/2024	0.15	
8/6/2024	0.19	
2/24/2025		0.17

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-9	GWC-9
4/13/2016	0.0774 (J)	
6/22/2016	0.0663 (J)	
8/15/2016	0.093	
10/6/2016	0.096	
12/1/2016	0.12	
2/8/2017	0.094	
4/6/2017	0.11	
6/21/2017	0.1	
10/5/2017	0.083	
3/21/2018	0.089	
10/2/2018	0.083	
3/27/2019	0.067	
9/11/2019	0.083	
3/18/2020	0.058 (J)	
9/9/2020	0.088	
4/1/2021	0.059 (J)	
8/12/2021	0.1	
2/15/2022	0.07 (J)	
8/25/2022	0.13	
2/27/2023	0.082	
8/8/2023	0.087	
3/1/2024	0.085	
8/6/2024	0.12	
2/24/2025		0.056 (J)

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-10	GWC-10
4/13/2016	<0.08	
6/21/2016	0.0068 (J)	
8/15/2016	<0.08	
10/5/2016	<0.08	
12/1/2016	<0.08	
2/8/2017	<0.08	
4/6/2017	<0.08	
6/21/2017	<0.08	
10/5/2017	<0.08	
3/21/2018	<0.08	
10/2/2018	<0.08	
3/27/2019	<0.08	
9/11/2019	<0.08	
3/18/2020	<0.08	
9/9/2020	<0.08	
4/1/2021	<0.08	
8/17/2021	<0.08	
2/15/2022	<0.08	
8/25/2022	0.11	
12/28/2022	0.098	
2/21/2023	<0.08	
8/9/2023	<0.08	
3/1/2024	<0.08	
8/6/2024	<0.08	
2/24/2025		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-11	GWC-11
4/13/2016	<0.08	
6/21/2016	0.0053 (J)	
8/15/2016	<0.08	
10/5/2016	<0.08	
12/1/2016	<0.08	
2/8/2017	<0.08	
4/6/2017	<0.08	
6/20/2017	<0.08	
10/5/2017	<0.08	
3/21/2018	<0.08	
10/2/2018	<0.08	
3/27/2019	<0.08	
9/11/2019	<0.08	
3/18/2020	<0.08	
9/10/2020	<0.08	
4/1/2021	<0.08	
8/11/2021	<0.08	
2/16/2022	<0.08	
8/25/2022	<0.08	
2/27/2023	<0.08	
8/9/2023	<0.08	
2/29/2024	<0.08	
8/6/2024	<0.08	
2/24/2025		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-12	GWC-12
4/13/2016	<0.08	
6/21/2016	0.0099 (J)	
8/15/2016	<0.08	
10/5/2016	<0.08	
12/1/2016	<0.08	
2/8/2017	<0.08	
4/5/2017	<0.08	
6/20/2017	<0.08	
10/5/2017	<0.08	
3/21/2018	<0.08	
10/2/2018	<0.08	
3/26/2019	<0.08	
9/11/2019	<0.08	
3/18/2020	<0.08	
9/10/2020	<0.08	
4/1/2021	<0.08	
8/11/2021	<0.08	
2/16/2022	<0.08	
8/26/2022	<0.08	
2/27/2023	<0.08	
8/9/2023	<0.08	
2/29/2024	0.024 (J)	
8/6/2024	<0.08	
2/24/2025		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-13
4/13/2016	<0.08	
6/21/2016	0.0062 (J)	
8/15/2016	<0.08	
10/7/2016	<0.08	
12/1/2016	<0.08	
2/9/2017	<0.08	
4/6/2017	<0.08	
6/22/2017	<0.08	
10/6/2017	<0.08	
3/22/2018	<0.08	
10/3/2018	<0.08	
3/26/2019	<0.08	
9/11/2019	<0.08	
3/18/2020	<0.08	
9/10/2020	<0.08	
4/6/2021	0.056 (J)	
8/11/2021	<0.08	
2/16/2022	<0.08	
8/26/2022	<0.08	
2/27/2023	<0.08	
8/9/2023	<0.08	
3/1/2024	<0.08	
8/6/2024	<0.08	
2/24/2025		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-14	GWC-14
4/13/2016	<0.08	
6/21/2016	0.0115 (J)	
8/15/2016	<0.08	
10/4/2016	<0.08	
12/1/2016	<0.08	
2/7/2017	<0.08	
4/6/2017	<0.08	
6/20/2017	<0.08	
10/5/2017	<0.08	
3/20/2018	<0.08	
10/2/2018	<0.08	
3/26/2019	<0.08	
9/11/2019	<0.08	
3/18/2020	<0.08	
9/9/2020	<0.08	
4/1/2021	<0.08	
8/11/2021	<0.08	
2/16/2022	<0.08	
8/26/2022	<0.08	
2/27/2023	<0.08	
8/9/2023	<0.08	
3/1/2024	<0.08	
8/8/2024	<0.08	
2/25/2025		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-18	GWC-18
4/11/2016	<0.08	
6/16/2016	0.0024 (J)	
8/11/2016	<0.08	
10/5/2016	<0.08	
11/29/2016	<0.08	
2/8/2017	<0.08	
4/6/2017	<0.08	
6/21/2017	<0.08	
10/5/2017	<0.08	
3/20/2018	<0.08	
10/2/2018	<0.08	
3/26/2019	<0.08	
9/11/2019	<0.08	
3/18/2020	<0.08	
9/9/2020	<0.08	
4/1/2021	<0.08	
8/11/2021	<0.08	
2/16/2022	<0.08	
8/25/2022	<0.08	
2/28/2023	<0.08	
8/9/2023	<0.08	
2/29/2024	<0.08	
8/6/2024	<0.08	
2/25/2025		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-19	GWC-19
4/11/2016	<0.08	
6/16/2016	0.0026 (J)	
8/11/2016	<0.08	
10/5/2016	<0.08	
11/29/2016	<0.08	
2/8/2017	<0.08	
4/5/2017	<0.08	
6/21/2017	<0.08	
10/5/2017	<0.08	
3/20/2018	<0.08	
10/2/2018	<0.08	
3/26/2019	<0.08	
9/12/2019	<0.08	
3/19/2020	<0.08	
9/9/2020	<0.08	
4/5/2021	<0.08	
8/11/2021	<0.08	
2/16/2022	<0.08	
8/25/2022	<0.08	
2/28/2023	<0.08	
8/8/2023	<0.08	
2/29/2024	<0.08	
8/6/2024	<0.08	
2/25/2025		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-20	GWC-20
4/12/2016	<0.08	
6/16/2016	0.0022 (J)	
8/11/2016	<0.08	
10/5/2016	<0.08	
11/30/2016	<0.08	
2/8/2017	<0.08	
4/6/2017	<0.08	
6/21/2017	<0.08	
10/5/2017	<0.08	
3/21/2018	<0.08	
10/3/2018	<0.08	
3/26/2019	<0.08	
9/12/2019	<0.08	
3/19/2020	<0.08	
9/10/2020	<0.08	
4/5/2021	<0.08	
8/11/2021	<0.08	
2/16/2022	<0.08	
8/25/2022	0.12	
12/28/2022	<0.08	
2/28/2023	<0.08	
8/8/2023	<0.08	
3/1/2024	0.025 (J)	
8/6/2024	<0.08	
2/25/2025		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15	GWA-15
4/6/2016	3.62	
6/15/2016	4.5	
8/10/2016	3.8	
10/4/2016	5.3	
11/30/2016	4.7	
2/7/2017	3.8	
4/4/2017	3.8	
6/20/2017	4.1	
10/4/2017	4.6	
3/20/2018	4.2	
10/2/2018	4.2	
3/26/2019	4	
9/10/2019	4.8	
3/18/2020	3.8	
9/9/2020	4	
4/1/2021	4	
8/11/2021	4.1	
2/15/2022	3.6	
8/25/2022	4.9	
2/28/2023	4.1	
8/3/2023	4.7	
3/4/2024	3.8	
8/6/2024	4.2	
2/25/2025		4.1

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-16	GWA-16
4/6/2016	12.1	
6/15/2016	11.8	
8/10/2016	10	
10/4/2016	14	
11/29/2016	10	
2/7/2017	12	
4/4/2017	11	
6/20/2017	11	
10/5/2017	13	
3/20/2018	12	
10/2/2018	11	
3/26/2019	11	
9/10/2019	12	
3/18/2020	12	
9/9/2020	11	
4/1/2021	12	
8/11/2021	11	
2/15/2022	10	
8/25/2022	13	
2/28/2023	13	
8/3/2023	13	
2/28/2024	15	
8/6/2024	15	
2/25/2025		13

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17	GWA-17
4/6/2016	6.58	
6/15/2016	6.9	
8/10/2016	5.5	
10/5/2016	6.8	
11/29/2016	4.8	
2/7/2017	7.8	
4/4/2017	6.4	
6/20/2017	7	
10/5/2017	6.6	
3/20/2018	6.6	
10/2/2018	5.8	
3/26/2019	6.7	
9/10/2019	7.5	
3/18/2020	7.3	
9/9/2020	7.3	
4/1/2021	7.8	
8/11/2021	7.3	
2/15/2022	7.1	
8/24/2022	8.9	
2/28/2023	8.7	
8/3/2023	8.3	
2/28/2024	9	
8/6/2024	9	
2/26/2025		7.4

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-1	GWC-1
4/12/2016	17.1	
6/16/2016	19.8	
8/11/2016	15	
10/4/2016	17	
11/30/2016	16	
2/7/2017	17	
4/5/2017	16	
6/20/2017	17	
10/4/2017	19	
3/20/2018	18	
10/2/2018	16	
3/26/2019	16	
9/10/2019	17	
3/18/2020	19	
9/9/2020	17	
4/1/2021	18	
8/18/2021	18	
2/15/2022	16	
8/24/2022	17	
2/27/2023	19	
8/9/2023	18	
3/1/2024	18	
8/6/2024	18	
2/25/2025		17

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-2	GWC-2
4/12/2016	17	
6/16/2016	19.7	
8/11/2016	15	
10/4/2016	18	
11/30/2016	16	
2/7/2017	18	
4/6/2017	16	
6/20/2017	17	
10/4/2017	19	
3/20/2018	18	
10/2/2018	16	
3/26/2019	17	
9/10/2019	18	
3/18/2020	18	
9/9/2020	17	
4/1/2021	17	
8/12/2021	17	
2/15/2022	16	
8/26/2022	18	
2/27/2023	19	
8/9/2023	18	
3/1/2024	18	
8/6/2024	19	
2/25/2025		17

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-3
4/12/2016	8.52	
6/20/2016	7.7	
8/12/2016	7.3	
10/5/2016	8.4	
11/30/2016	8	
2/8/2017	9.3	
4/6/2017	8.1	
6/21/2017	9.2	
10/5/2017	10	
3/21/2018	9.3	
10/3/2018	7.5	
3/26/2019	7.3	
9/10/2019	6.6	
3/18/2020	5.9	
9/10/2020	6.3	
4/6/2021	7.4	
8/12/2021	6.6	
2/15/2022	6	
8/25/2022	5.5	
2/28/2023	5.9	
8/9/2023	6.7	
3/4/2024	8.9	
8/7/2024	10	
2/25/2025		11

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
4/12/2016	11	
6/20/2016	10.1	
8/12/2016	9.9	
10/6/2016	12	
11/30/2016	11	
2/8/2017	13	
4/6/2017	12	
6/22/2017	13	
10/6/2017	15	
3/21/2018	15	
10/3/2018	13	
3/26/2019	13	
9/10/2019	12	
3/19/2020	14	
9/10/2020	13	
4/2/2021	15	
8/12/2021	13	
2/15/2022	15	
8/25/2022	17	
12/28/2022		20
2/27/2023		26
8/8/2023		25
2/29/2024		31
8/7/2024		29
2/25/2025		46

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-5	GWC-5
4/19/2016	198 (o)	
6/22/2016	132	
8/16/2016	94	
10/6/2016	100	
12/1/2016	100	
2/9/2017	120	
4/6/2017	140	
6/21/2017	160	
10/5/2017	130	
3/22/2018	130	
10/3/2018	88	
3/27/2019	75	
9/11/2019	46	
3/18/2020	61	
9/9/2020	35	
4/1/2021	40	
8/12/2021	46	
2/15/2022	36	
8/25/2022	37	
2/28/2023	34	
8/8/2023	30	
2/29/2024	30	
8/6/2024	30	
2/25/2025		25

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-6	GWC-6
4/12/2016	17.8	
6/20/2016	19.5	
8/12/2016	17	
10/6/2016	19	
11/30/2016	19	
2/9/2017	18	
4/6/2017	18	
6/21/2017	19	
10/6/2017	19	
3/21/2018	19	
10/3/2018	16	
3/26/2019	16	
9/11/2019	19	
3/18/2020	15	
9/10/2020	16	
4/5/2021	16	
8/11/2021	16	
2/15/2022	15	
8/25/2022	19	
2/27/2023	17	
8/8/2023	15	
2/29/2024	20	
5/20/2024	14	
8/7/2024	16	
2/24/2025		23

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-7	GWC-7
4/13/2016	14	
6/20/2016	13.8	
8/15/2016	13	
10/6/2016	14	
12/1/2016	13	
2/9/2017	14	
4/7/2017	14	
6/22/2017	14	
10/6/2017	16	
3/22/2018	15	
10/4/2018	13	
3/27/2019	14	
9/11/2019	14	
3/19/2020	15	
9/10/2020	15	
4/1/2021	15	
8/11/2021	14	
2/15/2022	13	
8/25/2022	16	
2/27/2023	16	
8/8/2023	15	
2/29/2024	17	
5/7/2024	17	
8/6/2024	17	
2/24/2025		19

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-8A
4/19/2016	20	
10/10/2016	19	
12/1/2016	18	
2/9/2017	20	
4/7/2017	27	
6/21/2017	27	
8/15/2017	29	
9/1/2017	32	
10/9/2017	31	
3/22/2018	30	
10/4/2018	37	
3/27/2019		47
9/11/2019		37
3/18/2020		53
9/9/2020		64
4/5/2021		52
8/12/2021		37
2/15/2022		49
8/25/2022		39
2/27/2023		64
8/8/2023		53
2/29/2024		49
8/6/2024		36
2/24/2025		42

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-9	GWC-9
4/13/2016	18	
6/22/2016	16.7	
8/15/2016	16	
10/6/2016	17	
12/1/2016	17	
2/8/2017	18	
4/6/2017	17	
6/21/2017	17	
10/5/2017	19	
3/21/2018	19	
10/2/2018	16	
3/27/2019	16	
9/11/2019	17	
3/18/2020	16	
9/9/2020	16	
4/1/2021	16	
8/12/2021	18	
2/15/2022	16	
8/25/2022	21	
12/28/2022	18	
2/27/2023	20	
8/8/2023	18	
3/1/2024	20	
8/6/2024	22	
11/6/2024	23	
2/24/2025		34

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-10	GWC-10
4/13/2016	15.6	
6/21/2016	14.4	
8/15/2016	14	
10/5/2016	17	
12/1/2016	15	
2/8/2017	17	
4/6/2017	16	
6/21/2017	16	
10/5/2017	19	
3/21/2018	17	
10/2/2018	17	
3/27/2019	16	
9/11/2019	18	
3/18/2020	20	
9/9/2020	20	
4/1/2021	19	
8/17/2021	18	
2/15/2022	17	
8/25/2022	20	
2/21/2023	20	
8/9/2023	18	
3/1/2024	20	
8/6/2024	19	
2/24/2025		20

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-11	GWC-11
4/13/2016	12.8	
6/21/2016	11.6	
8/15/2016	11	
10/5/2016	14	
12/1/2016	12	
2/8/2017	13	
4/6/2017	12	
6/20/2017	13	
10/5/2017	14	
3/21/2018	13	
10/2/2018	12	
3/27/2019	12	
9/11/2019	13	
3/18/2020	14	
9/10/2020	13	
4/1/2021	13	
8/11/2021	13	
2/16/2022	12	
8/25/2022	14	
2/27/2023	14	
8/9/2023	14	
2/29/2024	14	
8/6/2024	13	
2/24/2025		14

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-12	GWC-12
4/13/2016	1.18	
6/21/2016	1.12	
8/15/2016	0.95	
10/5/2016	1	
12/1/2016	0.92	
2/8/2017	1.2	
4/5/2017	1.1	
6/20/2017	0.96	
10/5/2017	1.1	
3/21/2018	1.3	
10/2/2018	0.86	
3/26/2019	1.1	
9/11/2019	0.94	
3/18/2020	1.6	
9/10/2020	1.1	
4/1/2021	1.2	
8/11/2021	1	
2/16/2022	1.1	
8/26/2022	0.99	
2/27/2023	1.2	
8/9/2023	1.1	
2/29/2024	1.4	
8/6/2024	1.1	
2/24/2025		1.7

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-13
4/13/2016	5.71	
6/21/2016	5.54	
8/15/2016	5.8	
10/7/2016	6.1	
12/1/2016	5.8	
2/9/2017	6.3	
4/6/2017	5.8	
6/22/2017	6.4	
10/6/2017	7.4	
3/22/2018	6.8	
10/3/2018	6.4	
3/26/2019	6.3	
9/11/2019	7	
3/18/2020	9.3	
9/10/2020	6.7	
4/6/2021	7.4	
8/11/2021	6.7	
2/16/2022	6.7	
8/26/2022	7.5	
2/27/2023	8.1	
8/9/2023	7.7	
3/1/2024	7.6	
8/6/2024	7.4	
2/24/2025		7.9

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-14	GWC-14
4/13/2016	6.55	
6/21/2016	6.04	
8/15/2016	5.9	
10/4/2016	6.6	
12/1/2016	5.4	
2/7/2017	6.1	
4/6/2017	6.1	
6/20/2017	6.6	
10/5/2017	7.2	
3/20/2018	6.6	
10/2/2018	6.5	
3/26/2019	6.4	
9/11/2019	7.3	
3/18/2020	6.9	
9/9/2020	6.5	
4/1/2021	6.2	
8/11/2021	6.9	
2/16/2022	6.3	
8/26/2022	7	
2/27/2023	7.3	
8/9/2023	7.2	
3/1/2024	7.6	
8/8/2024	8.3	
2/25/2025		7.2

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-18	GWC-18
4/11/2016	10.5	
6/16/2016	11.6	
8/11/2016	10	
10/5/2016	11	
11/29/2016	9.6	
2/8/2017	10	
4/6/2017	9.7	
6/21/2017	9.7	
10/5/2017	11	
3/20/2018	11	
10/2/2018	9.6	
3/26/2019	9.6	
9/11/2019	10	
3/18/2020	11	
9/9/2020	10	
4/1/2021	11	
8/11/2021	10	
2/16/2022	9.7	
8/25/2022	11	
2/28/2023	11	
8/9/2023	11	
2/29/2024	11	
8/6/2024	11	
2/25/2025		10

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-19	GWC-19
4/11/2016	10.4	
6/16/2016	12.2	
8/11/2016	9.5	
10/5/2016	11	
11/29/2016	9.8	
2/8/2017	10	
4/5/2017	10	
6/21/2017	10	
10/5/2017	12	
3/20/2018	12	
10/2/2018	11	
3/26/2019	11	
9/12/2019	14	
3/19/2020	14	
9/9/2020	15	
4/5/2021		15
8/11/2021		17
10/7/2021		17
2/16/2022		15
8/25/2022		18
12/28/2022		19
2/28/2023		18
8/8/2023		18
2/29/2024		19
8/6/2024		20
2/25/2025		18

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-20	GWC-20
4/12/2016	13.5	
6/16/2016	15	
8/11/2016	12	
10/5/2016	14	
11/30/2016	12	
2/8/2017	14	
4/6/2017	13	
6/21/2017	13	
10/5/2017	15	
3/21/2018	14	
10/3/2018	13	
3/26/2019	12	
9/12/2019	14	
3/19/2020	14	
9/10/2020	13	
4/5/2021	14	
8/11/2021	14	
2/16/2022	13	
8/25/2022	15	
2/28/2023	16	
8/8/2023	16	
3/1/2024	17	
8/6/2024	17	
2/25/2025		18

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15	GWA-15
4/6/2016	5.342	
6/15/2016	5.2	
8/10/2016	5.5	
10/4/2016	5.4	
11/30/2016	5.4	
2/7/2017	5.1	
4/4/2017	5.1	
6/20/2017	5.2	
10/4/2017	5.2	
3/20/2018	5.6	
10/2/2018	6.3	
3/26/2019	5.5	
9/10/2019	5.2	
3/18/2020	5.4	
9/9/2020	6.1	
4/1/2021	7	
8/11/2021	7.2	
2/15/2022	6.5	
8/25/2022	6.9	
2/28/2023	6.3	
8/3/2023	6.3	
3/4/2024	5.6	
8/6/2024	6	
2/25/2025		5.7

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-16	GWA-16
4/6/2016	1.789	
6/15/2016	2.1	
8/10/2016	1.8	
10/4/2016	1.7	
11/29/2016	1.7	
2/7/2017	1.6	
4/4/2017	1.6	
6/20/2017	1.6	
10/5/2017	1.5	
3/20/2018	1.5	
10/2/2018	1.6	
3/26/2019	1.5	
9/10/2019	1.4	
3/18/2020	1.7	
9/9/2020	1.6	
4/1/2021	1.8	
8/11/2021	1.8	
2/15/2022	1.6	
8/25/2022	1.6	
2/28/2023	1.7	
8/3/2023	1.6	
2/28/2024	1.6	
8/6/2024	1.7	
2/25/2025		1.6

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17	GWA-17
4/6/2016	1.69	
6/15/2016	1.9	
8/10/2016	1.7	
10/5/2016	1.6	
11/29/2016	1.7	
2/7/2017	1.6	
4/4/2017	1.5	
6/20/2017	1.5	
10/5/2017	1.5	
3/20/2018	1.4	
10/2/2018	1.5	
3/26/2019	1.3	
9/10/2019	1.3	
3/18/2020	2	
9/9/2020	1.3	
4/1/2021	1.5	
8/11/2021	1.4	
2/15/2022	1.4	
8/24/2022	1.4	
2/28/2023	1.4	
8/3/2023	1.3	
2/28/2024	1.4	
8/6/2024	1.4	
2/26/2025		1.5

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-1	GWC-1
4/12/2016	4.32	
6/16/2016	3.8 (D)	
8/11/2016	4	
10/4/2016	3.6	
11/30/2016	3.8	
2/7/2017	4.3	
4/5/2017	4.1	
6/20/2017	3.9	
10/4/2017	3.6	
3/20/2018	3.9	
10/2/2018	3.7	
3/26/2019	3.6	
9/10/2019	2.9	
3/18/2020	4.2	
9/9/2020	3.9	
4/1/2021	4.2	
8/18/2021	4	
2/15/2022	4	
8/24/2022	3.6	
2/27/2023	3.8	
8/9/2023	3.5	
3/1/2024	4.2	
8/6/2024	3.5	
2/25/2025		3.9

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-2	GWC-2
4/12/2016	2.34	
6/16/2016	2.4 (D)	
8/11/2016	2.4	
10/4/2016	2.2	
11/30/2016	2.2	
2/7/2017	2.1	
4/6/2017	2.1	
6/20/2017	2.1	
10/4/2017	2	
3/20/2018	2	
10/2/2018	2	
3/26/2019	1.9	
9/10/2019	1.7	
3/18/2020	2.4	
9/9/2020	2	
4/1/2021	2.5	
8/12/2021	2.5	
2/15/2022	2.2	
8/26/2022	2.1	
2/27/2023	2.2	
8/9/2023	2.1	
3/1/2024	2.5	
8/6/2024	2.2	
2/25/2025		2.1

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-3
4/12/2016	3.04	
6/20/2016	3.1	
8/16/2016	3.2	
10/5/2016	3.2	
11/30/2016	3.3	
2/8/2017	3.5	
4/6/2017	3.4	
6/21/2017	3.5	
10/5/2017	3.5	
3/21/2018	3.4	
10/3/2018	3.5	
3/26/2019	3	
9/10/2019	2.5	
3/18/2020	2.8	
9/10/2020	2.7	
4/6/2021	2.9	
8/12/2021	3.3	
2/15/2022	2.7	
8/25/2022	3.2	
2/28/2023	3.1	
8/9/2023	3.2	
3/4/2024	3	
8/7/2024	2.7	
2/25/2025		2.4

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
4/12/2016	4.57	
6/20/2016	3.1	
8/16/2016	3.2	
10/6/2016	3.4	
11/30/2016	4.1	
2/8/2017	7.2	
4/6/2017	7.4	
6/22/2017	7.8	
10/6/2017	9.1	
3/21/2018	13	
10/3/2018	13	
3/26/2019	9.2	
9/10/2019	5.1	
3/19/2020	8.7	
9/10/2020	9.7	
4/2/2021	11	
8/12/2021	12	
2/15/2022	11	
8/25/2022	11	
2/27/2023		16
5/2/2023		24
8/8/2023		16
2/29/2024		21
5/20/2024		28
8/7/2024		19
2/25/2025		28

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-5	GWC-5
4/19/2016	124 (O)	
6/22/2016	81	
8/16/2016	71	
10/6/2016	68	
12/1/2016	74	
2/9/2017	76	
4/6/2017	92	
6/21/2017	100	
10/5/2017	67	
3/22/2018	74	
10/3/2018	46	
3/27/2019	42	
9/11/2019	19	
3/18/2020	30	
9/9/2020	8.7	
4/1/2021	18	
8/12/2021	22	
2/15/2022	16	
8/25/2022	12	
2/28/2023	11	
8/8/2023	8.2	
2/29/2024	8.2	
8/6/2024	8.1	
2/25/2025		4.9 (J)

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-6	GWC-6
4/12/2016	6.07	
6/20/2016	6.8	
8/16/2016	7.6	
10/6/2016	7.3	
11/30/2016	7.1	
2/9/2017	5.8	
4/6/2017	5.7	
6/21/2017	6.1	
10/6/2017	5.1	
3/21/2018	5.4	
10/3/2018	5.7	
3/26/2019	4.2	
9/11/2019	7.2	
3/18/2020	4	
9/10/2020	6.3	
6/2/2021	6.3	
8/11/2021	6.5	
2/15/2022	6.1	
8/25/2022	6.2	
2/27/2023	5.2	
8/8/2023	5.5	
2/29/2024	7	
8/7/2024	5.9	
2/24/2025		6.1

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-7	GWC-7
4/13/2016	1.68	
6/20/2016	2	
8/15/2016	1.8	
10/6/2016	1.7	
12/1/2016	1.7	
2/9/2017	1.7	
4/7/2017	1.7	
6/22/2017	1.6	
10/6/2017	1.6	
3/22/2018	1.6	
10/4/2018	1.7	
3/27/2019	1.7	
9/11/2019	2.1	
3/19/2020	2.1	
9/10/2020	2.5	
4/1/2021	2.9	
8/11/2021	3	
2/15/2022	2.7	
8/25/2022	3	
2/27/2023	3.5	
8/8/2023	3.8	
2/29/2024	4.8	
8/6/2024	4.9	
2/24/2025		6.5

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-8A
4/19/2016	6.9	
10/10/2016	7.2	
12/1/2016	7.1	
2/9/2017	7.2	
4/7/2017	7.5	
6/21/2017	7.6	
8/15/2017	7.8	
9/1/2017	7.6	
10/9/2017	7.5	
3/22/2018	7	
10/4/2018	6.1	
3/27/2019	6.6	
9/11/2019	7	
3/18/2020	8.5	
9/9/2020	11	
6/1/2021	9.4	
8/12/2021	7.8	
2/15/2022	9.1	
8/25/2022	7.5	
2/27/2023	8.8	
8/8/2023	8.2	
2/29/2024	8.1	
8/6/2024	6.8	
2/24/2025		6.8

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-9	GWC-9
4/13/2016	3.64	
6/22/2016	3.8	
8/15/2016	3.7	
10/6/2016	3.4	
12/1/2016	4	
2/8/2017	4	
4/6/2017	4	
6/21/2017	3.3	
10/5/2017	3.3	
3/21/2018	3.6	
10/2/2018	3.1	
3/27/2019	3	
9/11/2019	3.4	
3/18/2020	3.4	
9/9/2020	3.2	
4/1/2021	4.3	
8/12/2021	4.1	
2/15/2022	3.7	
8/25/2022	4.2	
2/27/2023	4.2	
8/8/2023	4	
3/1/2024	5.2	
8/6/2024	5.2	
2/24/2025		6.3

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-10	GWC-10
4/13/2016	2.04	
6/21/2016	2.2	
8/15/2016	2.2	
10/5/2016	2.1	
12/1/2016	2.1	
2/8/2017	2.3	
4/6/2017	2.2	
6/21/2017	2.3	
10/5/2017	2.3	
3/21/2018	2.3	
10/2/2018	2.6	
3/27/2019	2.4	
9/11/2019	2.9	
3/18/2020	4.1	
9/9/2020	4.3	
4/1/2021	4.4	
8/17/2021	3.1	
2/15/2022	4.6	
8/25/2022	5	
2/21/2023	4.3	
8/9/2023	3.7	
3/1/2024	5	
8/6/2024	5.2	
2/24/2025		4.6

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-11	GWC-11
4/13/2016	1.78	
6/21/2016	2	
8/15/2016	1.9	
10/5/2016	1.8	
12/1/2016	1.8	
2/8/2017	1.8	
4/6/2017	1.7	
6/20/2017	1.7	
10/5/2017	1.7	
3/21/2018	1.6	
10/2/2018	1.7	
3/27/2019	1.5	
9/11/2019	1.8	
3/18/2020	1.9	
9/10/2020	1.9	
4/1/2021	1.9	
8/11/2021	1.8	
2/16/2022	1.7	
8/25/2022	1.8	
2/27/2023	1.8	
8/9/2023	1.7	
2/29/2024	2.2	
8/6/2024	1.9	
2/24/2025		1.8

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-12	GWC-12
4/13/2016	1.8	
6/21/2016	2	
8/15/2016	1.8	
10/5/2016	1.7	
12/1/2016	1.7	
2/8/2017	1.7	
4/5/2017	1.7	
6/20/2017	1.6	
10/5/2017	1.6	
3/21/2018	1.6	
10/2/2018	1.6	
3/26/2019	1.7	
9/11/2019	1.9	
3/18/2020	2.1	
9/10/2020	1.8	
4/1/2021	2	
8/11/2021	1.8	
2/16/2022	1.9	
8/26/2022	1.7	
2/27/2023	1.9	
8/9/2023	1.8	
2/29/2024	2.3	
8/6/2024	2	
2/24/2025		2.1

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-13
4/13/2016	1.82	
6/21/2016	1.9	
8/15/2016	1.6	
10/7/2016	1.5	
12/1/2016	1.4	
2/9/2017	1.5	
4/6/2017	1.4	
6/22/2017	1.5	
10/6/2017	1.3	
3/22/2018	1.4	
10/3/2018	1.5	
3/26/2019	1.6	
9/11/2019	1.5	
3/18/2020	1.6	
9/10/2020	1.7	
4/6/2021	1.8	
8/11/2021	1.6	
2/16/2022	1.5	
8/26/2022	1.5	
2/27/2023	1.5	
8/9/2023	1.4	
3/1/2024	1.8	
8/6/2024	1.5	
2/24/2025		1.5

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-14	GWC-14
4/13/2016	2.71	
6/21/2016	3	
8/15/2016	3.1	
10/4/2016	3	
12/1/2016	3.1	
2/7/2017	2.9	
4/6/2017	2.7	
6/20/2017	2.9	
10/5/2017	2.8	
3/20/2018	2.7	
10/2/2018	3	
3/26/2019	2.5	
9/11/2019	3.1	
3/18/2020	3	
9/9/2020	2.9	
4/1/2021	3.8	
8/11/2021	3.7	
2/16/2022	3.2	
8/26/2022	3.3	
2/27/2023	3.5	
8/9/2023	3.5	
3/1/2024	4.7	
8/8/2024	4.4	
2/25/2025		4.3

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-18	GWC-18
4/11/2016	2.53	
6/16/2016	2.5 (D)	
8/11/2016	2.6	
10/5/2016	2.5	
11/29/2016	2.4	
2/8/2017	2.5	
4/6/2017	2.4	
6/21/2017	2.4	
10/5/2017	2.3	
3/20/2018	2.3	
10/2/2018	2.5	
3/26/2019	2.7	
9/11/2019	2.6	
3/18/2020	2.7	
9/9/2020	2.8	
4/1/2021	2.8	
8/11/2021	2.9	
2/16/2022	2.7	
8/25/2022	2.8	
2/28/2023	2.8	
8/9/2023	2.6	
2/29/2024	3.2	
8/6/2024	2.8	
2/25/2025		2.8

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-19	GWC-19
4/11/2016	1.84	
6/16/2016	1.9 (D)	
8/11/2016	1.9	
10/5/2016	1.7	
11/29/2016	1.7	
2/8/2017	1.7	
4/5/2017	1.7	
6/21/2017	1.7	
10/5/2017	1.6	
3/20/2018	1.6	
10/2/2018	1.7	
3/26/2019	1.8	
9/12/2019	1.5	
3/19/2020	2.2	
9/9/2020	2.4	
6/1/2021	2.6	
8/11/2021	2.8	
2/16/2022	2.4	
8/25/2022	2.4	
2/28/2023	2.6	
8/8/2023	2.6	
2/29/2024	3.1	
8/6/2024	2.8	
2/25/2025		2.7

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-20	GWC-20
4/12/2016	2.03	
6/16/2016	2.2 (D)	
8/11/2016	2.1	
10/5/2016	1.9	
11/30/2016	2	
2/8/2017	2	
4/6/2017	<1	
6/21/2017	1.9	
10/5/2017	1.9	
3/21/2018	1.8	
10/3/2018	2	
3/26/2019	1.9	
9/12/2019	1.6	
3/19/2020	2.2	
9/10/2020	2.1	
6/1/2021	2.1	
8/11/2021	2.1	
2/16/2022	2	
8/25/2022	2.1	
2/28/2023	2.2	
8/8/2023	2.2	
3/1/2024	2.5	
8/6/2024	2.3	
2/25/2025		2.4

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15	GWA-15
4/6/2016	0.017 (J)	
6/15/2016	<0.01	
8/10/2016	<0.01	
10/4/2016	<0.01	
11/30/2016	<0.01	
2/7/2017	<0.01	
4/4/2017	<0.01	
6/20/2017	<0.01	
10/4/2017	<0.01	
3/20/2018	<0.01	
10/2/2018	<0.01	
3/26/2019	<0.01	
9/10/2019	<0.01	
3/18/2020	0.036 (J)	
9/9/2020	<0.01	
4/1/2021	<0.01	
8/11/2021	0.036 (J)	
2/15/2022	0.054 (J)	
8/25/2022	<0.01	
2/28/2023	0.077 (J)	
8/3/2023	<0.01	
3/4/2024	<0.01	
8/6/2024	<0.01	
2/25/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-16	GWA-16
4/6/2016	0.048 (J)	
6/15/2016	<0.01	
8/10/2016	<0.01	
10/4/2016	<0.01	
11/29/2016	<0.01	
2/7/2017	<0.01	
4/4/2017	<0.01	
6/20/2017	<0.01	
10/5/2017	<0.01	
3/20/2018	<0.01	
10/2/2018	<0.01	
3/26/2019	0.041 (J)	
9/10/2019	0.047 (J)	
3/18/2020	0.041 (J)	
9/9/2020	0.034 (J)	
4/1/2021	0.035 (J)	
8/11/2021	0.05 (J)	
2/15/2022	0.079 (J)	
8/25/2022	0.047 (J)	
2/28/2023	0.089 (J)	
8/3/2023	0.074 (J)	
2/28/2024	<0.01	
8/6/2024	<0.01	
2/25/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17	GWA-17
4/6/2016	0.039 (J)	
6/15/2016	<0.01	
8/10/2016	<0.01	
10/5/2016	<0.01	
11/29/2016	<0.01	
2/7/2017	<0.01	
4/4/2017	<0.01	
6/20/2017	<0.01	
10/5/2017	<0.01	
3/20/2018	<0.01	
10/2/2018	<0.01	
3/26/2019	0.042 (J)	
9/10/2019	0.046 (J)	
3/18/2020	0.071 (J)	
9/9/2020	0.036 (J)	
4/1/2021	0.042 (J)	
8/11/2021	0.053 (J)	
2/15/2022	0.083 (J)	
8/24/2022	0.047 (J)	
2/28/2023	0.067 (J)	
8/3/2023	0.068 (J)	
2/28/2024	<0.01	
8/6/2024	<0.01	
2/26/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-1	GWC-1
4/12/2016	0.087 (J)	
6/16/2016	0.04 (JD)	
8/11/2016	0.092 (J)	
10/4/2016	<0.01	
11/30/2016	0.091 (J)	
2/7/2017	<0.01	
4/5/2017	<0.01	
6/20/2017	0.082 (J)	
10/4/2017	<0.01	
3/20/2018	<0.01	
10/2/2018	0.089 (J)	
3/26/2019	0.072 (J)	
9/10/2019	0.077 (J)	
3/18/2020	0.098 (J)	
9/9/2020	0.069 (J)	
4/1/2021	0.081 (J)	
8/18/2021	0.14	
10/18/2021	0.081 (J)	
2/15/2022	0.12	
5/12/2022	0.048 (J)	
8/24/2022	0.075 (J)	
2/27/2023	0.08 (J)	
8/9/2023	0.11	
3/1/2024	<0.01	
8/6/2024	0.079 (J)	
2/25/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-2	GWC-2
4/12/2016	0.046 (J)	
6/16/2016	<0.01 (D)	
8/11/2016	<0.01	
10/4/2016	<0.01	
11/30/2016	<0.01	
2/7/2017	<0.01	
4/6/2017	<0.01	
6/20/2017	<0.01	
10/4/2017	<0.01	
3/20/2018	<0.01	
10/2/2018	<0.01	
3/26/2019	0.046 (J)	
9/10/2019	0.048 (J)	
3/18/2020	0.055 (J)	
9/9/2020	0.033 (J)	
4/1/2021	0.043 (J)	
8/12/2021	0.054 (J)	
2/15/2022	0.072 (J)	
8/26/2022	0.048 (J)	
2/27/2023	0.055 (J)	
8/9/2023	0.068 (J)	
3/1/2024	<0.01	
8/6/2024	0.049 (J)	
2/25/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-3
4/12/2016	0.057 (J)	
6/20/2016	0.04 (J)	
8/16/2016	<0.01	
10/5/2016	<0.01	
11/30/2016	<0.01	
2/8/2017	<0.01	
4/6/2017	<0.01	
6/21/2017	<0.01	
10/5/2017	<0.01	
3/21/2018	<0.01	
10/3/2018	<0.01	
3/26/2019	0.046 (J)	
9/10/2019	0.058 (J)	
3/18/2020	0.091 (J)	
9/10/2020	0.063 (J)	
4/6/2021	0.045 (J)	
8/12/2021	0.084 (J)	
2/15/2022	0.092 (J)	
8/25/2022	0.059 (J)	
2/28/2023	0.08 (J)	
8/9/2023	0.076 (J)	
3/4/2024	<0.01	
8/7/2024	0.059 (J)	
2/25/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
4/12/2016	0.121 (J)	
6/20/2016	0.04 (J)	
8/16/2016	0.13 (J)	
10/6/2016	0.1 (J)	
11/30/2016	0.13 (J)	
2/8/2017	0.093 (J)	
4/6/2017	0.1 (J)	
6/22/2017	0.11 (J)	
10/6/2017	0.096 (J)	
3/21/2018	0.094 (J)	
10/3/2018	0.1 (J)	
3/26/2019	0.087 (J)	
9/10/2019	0.097 (J)	
3/19/2020	0.038 (J)	
9/10/2020	0.1	
4/2/2021	0.097 (J)	
8/12/2021	0.11	
2/15/2022	0.13	
8/25/2022	0.077 (J)	
2/27/2023	0.075 (J)	
8/8/2023	0.1	
2/29/2024	<0.01	
8/7/2024	<0.01	
2/25/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-5	GWC-5
4/19/2016	0.024 (J)	
6/22/2016	<0.01	
8/16/2016	<0.01	
10/6/2016	<0.01	
12/1/2016	<0.01	
2/9/2017	<0.01	
4/6/2017	<0.01	
6/21/2017	<0.01	
10/5/2017	<0.01	
3/22/2018	<0.01	
10/3/2018	<0.01	
3/27/2019	0.038 (J)	
9/11/2019	0.045 (J)	
3/18/2020	0.055 (J)	
9/9/2020	0.033 (J)	
4/1/2021	0.029 (J)	
8/12/2021	0.045 (J)	
2/15/2022	0.16	
5/12/2022	0.03 (J)	
8/25/2022	0.047 (J)	
2/28/2023	0.065 (J)	
8/8/2023	0.066 (J)	
2/29/2024	<0.01	
8/6/2024	<0.01	
2/25/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-6	GWC-6
4/12/2016	0.061 (J)	
6/20/2016	<0.01	
8/16/2016	<0.01	
10/6/2016	<0.01	
11/30/2016	<0.01	
2/9/2017	<0.01	
4/6/2017	<0.01	
6/21/2017	<0.01	
10/6/2017	<0.01	
3/21/2018	<0.01	
10/3/2018	<0.01	
3/26/2019	0.058 (J)	
9/11/2019	0.058 (J)	
3/18/2020	0.082 (J)	
9/10/2020	0.052 (J)	
6/2/2021	0.038 (J)	
8/11/2021	0.055 (J)	
2/15/2022	0.095 (J)	
8/25/2022	0.058 (J)	
2/27/2023	0.072 (J)	
8/8/2023	0.1	
2/29/2024	<0.01	
8/7/2024	0.065 (J)	
2/24/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-7	GWC-7
4/13/2016	0.061 (J)	
6/20/2016	0.12 (J)	
8/15/2016	<0.01	
10/6/2016	<0.01	
12/1/2016	<0.01	
2/9/2017	<0.01	
4/7/2017	<0.01	
6/22/2017	<0.01	
10/6/2017	<0.01	
3/22/2018	<0.01	
10/4/2018	<0.01	
3/27/2019	0.04 (J)	
9/11/2019	0.057 (J)	
3/19/2020	<0.01	
9/10/2020	0.053 (J)	
4/1/2021	0.072 (J)	
8/11/2021	0.058 (J)	
2/15/2022	0.083 (J)	
8/25/2022	0.051 (J)	
2/27/2023	0.054 (J)	
8/8/2023	0.084 (J)	
2/29/2024	<0.01	
8/6/2024	0.048 (J)	
2/24/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-8A
4/19/2016	0.135 (J)	
10/10/2016	0.12 (J)	
12/1/2016	0.12 (J)	
2/9/2017	0.11 (J)	
4/7/2017	0.15 (J)	
6/21/2017	0.21	
8/15/2017	0.1 (J)	
9/1/2017	0.084 (J)	
10/9/2017	0.11 (J)	
3/22/2018	0.091 (J)	
10/4/2018	0.14 (J)	
3/27/2019	0.071 (J)	
9/11/2019	0.071 (J)	
3/18/2020	0.073 (J)	
9/9/2020	0.038 (J)	
6/1/2021	0.034 (J)	
8/12/2021	0.087 (J)	
2/15/2022	0.096 (J)	
8/25/2022	0.059 (J)	
2/27/2023	0.097 (J)	
8/8/2023	0.053 (J)	
2/29/2024	<0.01	
8/6/2024	<0.01	
2/24/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-9	GWC-9
4/13/2016	0.083 (J)	
6/22/2016	0.03 (J)	
8/15/2016	<0.01	
10/6/2016	<0.01	
12/1/2016	<0.01	
2/8/2017	<0.01	
4/6/2017	<0.01	
6/21/2017	<0.01	
10/5/2017	0.084 (J)	
3/21/2018	<0.01	
10/2/2018	<0.01	
3/27/2019	0.066 (J)	
9/11/2019	0.067 (J)	
3/18/2020	0.096 (J)	
9/9/2020	0.067 (J)	
4/1/2021	0.072 (J)	
8/12/2021	0.085 (J)	
2/15/2022	0.096 (J)	
8/25/2022	0.064 (J)	
2/27/2023	0.07 (J)	
8/8/2023	0.088 (J)	
3/1/2024	<0.01	
8/6/2024	0.07 (J)	
2/24/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-10	GWC-10
4/13/2016	0.082 (J)	
6/21/2016	0.02 (J)	
8/15/2016	<0.01	
10/5/2016	<0.01	
12/1/2016	<0.01	
2/8/2017	<0.01	
4/6/2017	<0.01	
6/21/2017	<0.01	
10/5/2017	<0.01	
3/21/2018	<0.01	
10/2/2018	<0.01	
3/27/2019	0.077 (J)	
9/11/2019	0.067 (J)	
3/18/2020	0.088 (J)	
9/9/2020	0.055 (J)	
4/1/2021	0.086 (J)	
8/17/2021	0.083 (J)	
2/15/2022	0.099 (J)	
8/25/2022	0.065 (J)	
2/21/2023	0.061 (J)	
8/9/2023	0.083 (J)	
3/1/2024	<0.01	
8/6/2024	0.064 (J)	
2/24/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-11	GWC-11
4/13/2016	0.061 (J)	
6/21/2016	0.03 (J)	
8/15/2016	<0.01	
10/5/2016	<0.01	
12/1/2016	<0.01	
2/8/2017	<0.01	
4/6/2017	<0.01	
6/20/2017	<0.01	
10/5/2017	<0.01	
3/21/2018	<0.01	
10/2/2018	<0.01	
3/27/2019	0.048 (J)	
9/11/2019	0.054 (J)	
3/18/2020	0.064 (J)	
9/10/2020	0.052 (J)	
4/1/2021	0.042 (J)	
8/11/2021	0.051 (J)	
2/16/2022	<0.01	
8/25/2022	0.059 (J)	
2/27/2023	0.064 (J)	
8/9/2023	0.071 (J)	
2/29/2024	<0.01	
8/6/2024	<0.01	
2/24/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-12	GWC-12
4/13/2016	0.01 (J)	
6/21/2016	<0.01	
8/15/2016	<0.01	
10/5/2016	<0.01	
12/1/2016	<0.01	
2/8/2017	<0.01	
4/5/2017	<0.01	
6/20/2017	<0.01	
10/5/2017	<0.01	
3/21/2018	<0.01	
10/2/2018	<0.01	
3/26/2019	0.026 (J)	
9/11/2019	0.039 (J)	
3/18/2020	0.046 (J)	
9/10/2020	<0.01	
4/1/2021	<0.01	
8/11/2021	0.029 (J)	
2/16/2022	<0.01	
8/26/2022	0.026 (J)	
2/27/2023	0.032 (J)	
8/9/2023	<0.01	
2/29/2024	<0.01	
8/6/2024	<0.01	
2/24/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-13
4/13/2016	0.039 (J)	
6/21/2016	<0.01	
8/15/2016	<0.01	
10/7/2016	<0.01	
12/1/2016	<0.01	
2/9/2017	<0.01	
4/6/2017	<0.01	
6/22/2017	<0.01	
10/6/2017	<0.01	
3/22/2018	<0.01	
10/3/2018	<0.01	
3/26/2019	0.04 (J)	
9/11/2019	0.051 (J)	
3/18/2020	0.055 (J)	
9/10/2020	0.034 (J)	
4/6/2021	0.026 (J)	
8/11/2021	0.045 (J)	
2/16/2022	<0.01	
8/26/2022	0.055 (J)	
2/27/2023	0.055 (J)	
8/9/2023	0.06 (J)	
3/1/2024	<0.01	
8/6/2024	<0.01	
2/24/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-14	GWC-14
4/13/2016	0.027 (J)	
6/21/2016	<0.01	
8/15/2016	<0.01	
10/4/2016	<0.01	
12/1/2016	<0.01	
2/7/2017	<0.01	
4/6/2017	<0.01	
6/20/2017	<0.01	
10/5/2017	<0.01	
3/20/2018	<0.01	
10/2/2018	<0.01	
3/26/2019	0.034 (J)	
9/11/2019	0.045 (J)	
3/18/2020	0.068 (J)	
9/9/2020	<0.01	
4/1/2021	<0.01	
8/11/2021	0.045 (J)	
2/16/2022	<0.01	
8/26/2022	0.068 (J)	
2/27/2023	0.047 (J)	
8/9/2023	<0.01	
3/1/2024	<0.01	
8/8/2024	<0.01	
2/25/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-18	GWC-18
4/11/2016	0.047 (J)	
6/16/2016	<0.01 (D)	
8/11/2016	<0.01	
10/5/2016	<0.01	
11/29/2016	<0.01	
2/8/2017	<0.01	
4/6/2017	<0.01	
6/21/2017	<0.01	
10/5/2017	<0.01	
3/20/2018	<0.01	
10/2/2018	<0.01	
3/26/2019	0.046 (J)	
9/11/2019	0.055 (J)	
3/18/2020	<0.01	
9/9/2020	0.045 (J)	
4/1/2021	0.041 (J)	
8/11/2021	0.062 (J)	
2/16/2022	0.034 (J)	
8/25/2022	0.047 (J)	
2/28/2023	0.12	
8/9/2023	0.066 (J)	
2/29/2024	<0.01	
8/6/2024	<0.01	
2/25/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-19	GWC-19
4/11/2016	0.048 (J)	
6/16/2016	<0.01 (D)	
8/11/2016	<0.01	
10/5/2016	<0.01	
11/29/2016	<0.01	
2/8/2017	<0.01	
4/5/2017	<0.01	
6/21/2017	<0.01	
10/5/2017	<0.01	
3/20/2018	<0.01	
10/2/2018	<0.01	
3/26/2019	0.04 (J)	
9/12/2019	0.032 (J)	
3/19/2020	<0.01	
9/9/2020	0.034 (J)	
6/1/2021	0.026 (J)	
8/11/2021	0.047 (J)	
2/16/2022	0.028 (J)	
8/25/2022	0.042 (J)	
2/28/2023	0.079 (J)	
8/8/2023	0.067 (J)	
2/29/2024	<0.01	
8/6/2024	<0.01	
2/25/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-20	GWC-20
4/12/2016	0.056 (J)	
6/16/2016	<0.01 (D)	
8/11/2016	<0.01	
10/5/2016	<0.01	
11/30/2016	<0.01	
2/8/2017	<0.01	
4/6/2017	<0.01	
6/21/2017	<0.01	
10/5/2017	<0.01	
3/21/2018	<0.01	
10/3/2018	<0.01	
3/26/2019	0.045 (J)	
9/12/2019	0.044 (J)	
3/19/2020	<0.01	
9/10/2020	0.051 (J)	
6/1/2021	0.033 (J)	
8/11/2021	0.051 (J)	
2/16/2022	<0.01	
8/25/2022	0.05 (J)	
2/28/2023	0.089 (J)	
8/8/2023	0.053 (J)	
3/1/2024	<0.01	
8/6/2024	<0.01	
2/25/2025		<0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15	GWA-15
5/9/2010	4.81	
6/18/2010	5.6	
7/28/2010	5.92	
9/9/2010	4.89	
4/30/2011	5.27	
10/28/2011	5.45	
5/2/2012	5.8	
11/9/2012	5.3	
5/8/2013	5.76	
11/5/2013	5.08	
5/20/2014	5.26 (D)	
11/12/2014	5.7	
5/22/2015	5.52	
11/11/2015	5.63	
4/6/2016	5.5	
6/15/2016	5.52	
8/10/2016	5.5	
10/4/2016	5.56	
11/30/2016	5.46	
2/7/2017	5.28	
4/1/2017	5.48	
4/4/2017	5.48	
6/20/2017	5.44	
10/4/2017	5.44	
3/20/2018	5.48	
10/2/2018	5.49	
3/26/2019	5.41	
9/10/2019	5.41	
3/18/2020	5.42	
9/9/2020	5.71	
4/1/2021	5.31	
8/11/2021	5.5	
2/15/2022	5.4	
8/25/2022	5.4	
2/28/2023	5.4	
8/3/2023	5.48	
3/4/2024	5.24	
8/6/2024	5.48	
2/25/2025		5.43

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-16	GWA-16
5/9/2010	5.94	
6/16/2010	6.4	
7/27/2010	6.53	
9/7/2010	6.06	
4/29/2011	6.18	
10/28/2011	6.63	
5/2/2012	6.25	
11/9/2012	6.31	
5/8/2013	6.34	
11/6/2013	6.6	
5/20/2014	6.16 (D)	
11/8/2014	6.52	
5/22/2015	6.3	
11/9/2015	5.63	
11/11/2015	6.36	
4/6/2016	6.46	
6/15/2016	6.39	
8/10/2016	6.39	
10/4/2016	6.4	
11/29/2016	6.36	
2/7/2017	6.45	
4/4/2017	6.37	
6/20/2017	6.4	
10/5/2017	6.42	
3/20/2018	6.36	
10/2/2018	6.38	
3/26/2019	6.42	
3/18/2020	6.29	
9/9/2020	6.33	
4/1/2021	6.44	
8/11/2021	6.35	
2/15/2022	6.46	
8/25/2022	6.42	
2/28/2023	6.45	
8/3/2023	6.24	
2/28/2024	6.49	
8/6/2024	6.35	
2/25/2025		6.76

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17	GWA-17
5/8/2010	5.2	
6/16/2010	5.93	
7/26/2010	6.03	
9/7/2010	6.23	
4/29/2011	5.68	
10/28/2011	5.89	
5/2/2012	5.74	
11/9/2012	5.75	
5/8/2013	5.53	
11/6/2013	5.92	
5/20/2014	5.635 (D)	
11/8/2014	6.04	
5/22/2015	5.87	
11/9/2015	5.97	
4/6/2016	5.96	
6/15/2016	5.96	
8/10/2016	5.94	
10/5/2016	5.86	
11/29/2016	5.82	
2/7/2017	6.15	
4/4/2017	6	
6/20/2017	6.34	
10/5/2017	5.93	
3/20/2018	5.97	
10/2/2018	6.03	
3/26/2019	6.12	
9/10/2019	6.31	
3/18/2020	6.03	
9/9/2020	6.05	
4/1/2021	6.14	
8/11/2021	6.14	
2/15/2022	6.2	
8/24/2022	6.22	
2/28/2023	6.19	
8/3/2023	6.22	
2/28/2024	6.41	
8/6/2024	6.21	
2/26/2025		6.65

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-1	GWC-1
5/11/2010	6.09	
6/17/2010	6.19	
7/27/2010	6.41	
9/9/2010	6.19	
4/28/2011	6.46	
10/29/2011	6.49	
5/3/2012	6.66	
11/9/2012	6.45	
5/9/2013	6.58	
11/5/2013	6.42	
5/23/2014	6.345 (D)	
11/13/2014	6.67	
5/23/2015	6.53	
11/11/2015	6.71	
4/12/2016	6.53	
6/16/2016	6.49	
8/11/2016	6.5	
10/4/2016	6.5	
11/30/2016	6.48	
2/7/2017	6.38	
4/5/2017	6.36	
6/20/2017	6.45	
10/4/2017	6.5	
3/20/2018	6.63	
10/2/2018	6.57	
3/26/2019	6.54	
9/10/2019	6.51	
3/18/2020	6.53	
9/9/2020	6.57	
4/1/2021	6.52	
8/18/2021	6.59	
10/18/2021	6.36	
2/15/2022	6.83	
5/12/2022	6.55	
8/24/2022	6.42	
2/27/2023	6.56	
8/9/2023	6.57	
10/4/2023	6.56	
3/1/2024	6.71	
8/6/2024	6.61	
2/25/2025		6.77

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-2	GWC-2
5/11/2010	5.89	
6/19/2010	6.14	
7/27/2010	6.42	
9/9/2010	5.79	
4/28/2011	6.74	
10/28/2011	6.62	
5/3/2012	6.53	
11/9/2012	6.42	
5/9/2013	6.97	
11/5/2013	6.66	
5/22/2014	6.515 (D)	
11/13/2014	6.94	
5/24/2015	7	
11/11/2015	6.55	
4/12/2016	6.52	
6/16/2016	6.38	
8/11/2016	6.38	
10/4/2016	6.39	
11/30/2016	6.38	
2/7/2017	6.43	
4/6/2017	6.23	
6/20/2017	6.36	
10/4/2017	6.35	
3/20/2018	6.52	
10/2/2018	6.51	
3/26/2019	6.44	
9/10/2019	6.39	
3/18/2020	6.41	
9/9/2020	6.44	
4/1/2021	7.32 (O)	
8/12/2021	6.41	
2/15/2022	6.61	
8/26/2022	6.37	
2/27/2023	6.41	
8/9/2023	6.6	
3/1/2024	6.5	
8/6/2024	6.7	
11/7/2024	6.45	
2/25/2025		6.49

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-3
5/11/2010	5.45	
6/17/2010	6.08	
7/28/2010	6.18	
9/7/2010	5.37	
4/29/2011	5.82	
10/28/2011	5.93	
5/3/2012	5.91	
11/9/2012	5.93	
5/10/2013	6.16	
11/6/2013	6.03	
5/22/2014	5.825 (D)	
11/9/2014	6.1	
5/22/2015	5.92	
11/10/2015	6.02	
11/16/2015	6.02	
4/12/2016	5.97	
6/20/2016	5.93	
8/12/2016	5.86	
8/16/2016	5.86	
10/5/2016	5.1 (O)	
11/30/2016	5.88	
2/8/2017	5.89	
4/6/2017	5.84	
6/21/2017	5.91	
10/5/2017	5.93	
3/21/2018	5.96	
10/3/2018	5.97	
3/26/2019	6.02	
9/10/2019	5.99	
3/18/2020	5.9	
9/10/2020	6.24	
4/6/2021	6.01	
8/12/2021	6.12	
2/15/2022	5.87	
8/25/2022	5.99	
2/28/2023	6	
5/2/2023	6.27	
8/9/2023	6.07	
10/4/2023	6.03	
3/4/2024	6.11	
5/20/2024	5.9	
8/7/2024	5.84	
11/7/2024	6	
2/25/2025		5.93

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
5/11/2010	5.79	
6/17/2010	6.45	
7/28/2010	6.53	
9/8/2010	5.69	
4/28/2011	6.17	
10/29/2011	6.36	
5/3/2012	6.26	
11/10/2012	6.27	
5/10/2013	6.43	
11/6/2013	6.37	
5/22/2014	6.19 (D)	
11/9/2014	6.45	
5/22/2015	6.26	
11/11/2015	6.3	
4/12/2016	6.44	
6/20/2016	6.33	
8/12/2016	6.29	
8/16/2016	6.3	
10/6/2016	6.21	
11/30/2016	6.26	
2/8/2017	6.35	
4/6/2017	6.29	
6/22/2017	6.31	
10/6/2017	5.9	
3/21/2018	6.23	
10/3/2018	6.25	
3/26/2019	6.34	
9/10/2019	6.31	
3/19/2020	6.32	
9/10/2020	6.46	
4/2/2021	6.35	
8/12/2021	6.3	
2/15/2022	6.37	
5/12/2022	6.19	
8/25/2022	6.19	
12/28/2022	6.2	
2/27/2023	6.17	
5/2/2023	6.13	
8/8/2023	6.3	
2/29/2024	6.31	
5/20/2024	6.08	
8/7/2024	6.12	
11/6/2024	6.15	
2/25/2025		6.17

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-5	GWC-5
5/11/2010	5.43	
6/18/2010	6.12	
7/27/2010	6.28	
9/9/2010	5.68	
4/29/2011	5.89	
10/28/2011	6.19	
5/4/2012	6.17	
11/10/2012	6.08	
5/9/2013	5.99	
11/6/2013	5.78	
5/22/2014	5.86 (D)	
11/9/2014	6.14	
5/24/2015	5.7	
11/11/2015	5.78	
4/19/2016	5.55	
6/22/2016	5.6	
8/16/2016	5.7	
10/6/2016	5.64	
12/1/2016	5.62	
2/9/2017	5.64	
4/6/2017	5.66	
6/21/2017	5.68	
10/5/2017	5.64	
3/22/2018	5.9	
10/3/2018	5.74	
3/27/2019	5.78	
9/11/2019	5.82	
3/18/2020	5.81	
9/9/2020	6.08	
4/1/2021	6.01	
8/12/2021	5.87	
2/15/2022	6.16	
5/12/2022	5.99	
8/25/2022	5.96	
2/28/2023	6	
8/8/2023	6.16	
2/29/2024	6.25	
8/6/2024	6	
2/25/2025		6.16

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-6	GWC-6
5/11/2010	5.52	
6/18/2010	6.35	
7/27/2010	6.48	
9/9/2010	5.5	
4/30/2011	6.09	
10/29/2011	6.41	
5/4/2012	6.2	
11/10/2012	6.17	
5/9/2013	6.13	
11/7/2013	6.06	
5/21/2014	6.045 (D)	
11/9/2014	6.36	
5/24/2015	6.17	
11/11/2015	6.19	
4/12/2016	6.22	
6/20/2016	6.2	
8/12/2016	6.17	
10/6/2016	6.14	
11/30/2016	6.14	
2/9/2017	6.18	
4/6/2017	6.17	
6/21/2017	6.17	
10/6/2017	6.19	
3/21/2018	6.21	
10/3/2018	6.22	
3/26/2019	6.25	
9/11/2019	6.23	
3/18/2020	6.19	
9/10/2020	6.43	
4/5/2021	6.36	
6/2/2021	6.09	
8/11/2021	6.14	
2/15/2022	6.1	
8/25/2022	6.13	
2/27/2023	6.16	
8/8/2023	6.37	
2/29/2024	6.37	
5/20/2024	6.16	
8/7/2024	6.19	
11/6/2024	6.4	
2/24/2025		6.5

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-7	GWC-7
5/10/2010	5.95	
6/18/2010	6.52	
7/28/2010	6.58	
9/9/2010	5.81	
4/30/2011	6.25	
10/29/2011	6.52	
5/4/2012	6.34	
11/10/2012	6.31	
5/9/2013	6.2	
11/7/2013	6.21	
5/21/2014	6.18 (D)	
5/24/2015	6.32	
11/11/2015	6.35	
4/13/2016	6.42	
6/20/2016	6.4	
8/15/2016	6.31	
10/6/2016	6.27	
12/1/2016	6.28	
2/9/2017	6.32	
4/7/2017	6.28	
6/22/2017	6.29	
10/6/2017	5.96	
3/22/2018	6.34	
10/4/2018	6.36	
3/27/2019	6.38	
9/11/2019	6.35	
3/19/2020	6.41	
9/10/2020	6.32	
4/1/2021	6.4	
8/11/2021	6.26	
2/15/2022	6.22	
8/25/2022	6.31	
2/27/2023	6.35	
5/2/2023	6.38	
8/8/2023	6.48	
2/29/2024	6.57	
5/7/2024	6.3	
8/6/2024	6.25	
11/6/2024	6.51	
2/24/2025		6.67

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-8A
5/10/2010	6.93	
6/19/2010	7.08	
7/28/2010	7.05	
9/8/2010	5.93	
4/30/2011	7.11	
10/27/2011	7.08	
5/4/2012	6.39	
11/11/2012	6.24	
5/10/2013	6.46	
11/7/2013	6.59	
5/21/2014	6.685 (D)	
11/13/2014	6.55	
5/23/2015	6.36	
11/11/2015	6.36	
4/19/2016	6.4	
6/23/2016	6.35	
8/23/2016	6.29	
10/10/2016	6.3 (D)	
12/1/2016	6.37 (D)	
2/9/2017	6.39 (D)	
2/27/2017	6.24	
4/7/2017	6.93	
6/21/2017	7.11	
8/15/2017	6.95	
9/1/2017	6.86	
10/9/2017	6.75	
3/22/2018	7.05	
10/4/2018	7.26	
3/27/2019	6.69	
9/11/2019	6.72	
3/18/2020	6.42	
9/9/2020	6.3	
4/5/2021	6.35	
6/1/2021	6.28	
8/12/2021	6.37	
2/15/2022	6.34	
8/25/2022	6.29	
2/27/2023	6.27	
5/2/2023	6.23	
8/8/2023	6.38	
10/4/2023	6.45	
2/29/2024	6.52	
8/6/2024	6.35	
2/24/2025		6.75

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-9	GWC-9
5/10/2010	5.99	
6/16/2010	5.97	
7/27/2010	6.69	
9/8/2010	6.15	
4/29/2011	6.31	
10/27/2011	6.72	
5/3/2012	6.74	
11/11/2012	6.59	
5/9/2013	6.67	
11/6/2013	6.38	
5/21/2014	6.355 (D)	
11/12/2014	6.81	
5/23/2015	6.42	
11/12/2015	6.7	
4/13/2016	6.59	
6/22/2016	6.49	
8/15/2016	6.61	
10/6/2016	6.55	
12/1/2016	6.59	
2/8/2017	6.63	
4/6/2017	6.58	
6/21/2017	6.56	
10/5/2017	6.58	
3/21/2018	6.76	
10/2/2018	6.65	
3/27/2019	6.7	
9/11/2019	6.63	
3/18/2020	6.61	
9/9/2020	6.8	
4/1/2021	6.28	
8/12/2021	6.66	
2/15/2022	6.61	
8/25/2022	6.48	
12/28/2022	6.62	
2/27/2023	6.57	
8/8/2023	6.63	
3/1/2024	6.82	
8/6/2024	6.47	
11/6/2024	6.58	
2/24/2025		7.14

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-10	GWC-10
5/10/2010	5.97	
6/16/2010	5.82	
7/28/2010	6.47	
9/8/2010	6.08	
4/29/2011	6.3	
10/27/2011	6.47	
5/4/2012	6.5	
11/11/2012	6.21	
5/9/2013	6.51	
11/5/2013	6.07	
5/21/2014	6.125 (D)	
11/12/2014	6.49	
5/23/2015	6.3	
11/12/2015	6.45	
4/13/2016	6.42	
6/21/2016	6.36	
8/15/2016	6.3	
10/5/2016	6.25	
12/1/2016	6.32	
2/8/2017	6.04	
4/6/2017	6.35	
6/21/2017	6.2	
10/5/2017	6.21	
3/21/2018	6.56	
10/2/2018	6.35	
3/27/2019	6.53	
9/11/2019	6.32	
3/18/2020	6.34	
9/9/2020	6.4	
4/1/2021	6.35	
8/17/2021	6.45	
10/18/2021	6.25	
2/15/2022	6.48	
5/12/2022	6.31	
8/25/2022	6.2	
12/28/2022	6.36	
2/21/2023	6.33	
5/2/2023	6.3	
8/9/2023	6.3	
3/1/2024	6.47	
5/20/2024	6.28	
8/6/2024	6.22	
2/24/2025		6.27

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-11	GWC-11
5/10/2010	5.58	
6/16/2010	5.78	
7/27/2010	6.38	
9/8/2010	5.64	
4/29/2011	6.14	
10/27/2011	6.19	
5/4/2012	6.28	
11/10/2012	6	
5/9/2013	6.28	
11/6/2013	5.69	
5/20/2014	6.09 (D)	
11/12/2014	6.33	
5/24/2015	6.04	
11/12/2015	6.31	
4/13/2016	6.17	
6/21/2016	6.19	
8/15/2016	6.15	
10/5/2016	6.1	
12/1/2016	6.15	
2/8/2017	5.9	
4/6/2017	6.13	
6/20/2017	6.12	
10/5/2017	6.11	
3/21/2018	6.21	
10/2/2018	6.21	
3/27/2019	6.22	
9/11/2019	6.17	
3/18/2020	6.17	
9/10/2020	6.16	
4/1/2021	6.11	
8/11/2021	6.21	
2/16/2022	6.16	
8/25/2022	6.01	
2/27/2023	6.19	
8/9/2023	6.24	
2/29/2024	6.26	
8/6/2024	6.11	
2/24/2025		6.14

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-12	GWC-12
5/9/2010	4.25	
6/18/2010	5.37	
7/27/2010	5.45	
9/8/2010	5.58	
4/29/2011	4.86	
10/28/2011	4.68	
5/3/2012	5.26	
11/10/2012	4.98	
5/9/2013	5.25	
11/6/2013	4.22	
5/20/2014	4.83 (D)	
11/12/2014	5.3	
5/23/2015	5.04	
11/12/2015	5.31	
4/13/2016	5.22	
6/21/2016	5.2	
8/15/2016	5.12	
10/5/2016	5.07	
10/7/2016	5.07	
12/1/2016	5.08	
2/8/2017	4.76	
4/5/2017	5.1	
6/20/2017	5.13	
10/5/2017	5.1	
3/21/2018	5.33	
10/2/2018	5.16	
3/26/2019	5.25	
9/11/2019	5.1	
3/18/2020	5.19	
9/10/2020	5.1	
4/1/2021	5.18	
8/11/2021	5.2	
2/16/2022	5.11	
8/26/2022	5.07	
2/27/2023	5.2	
8/9/2023	5.1	
2/29/2024	5.24	
8/6/2024	5.26	
2/24/2025		5.18

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-13
5/9/2010	4.93	
6/18/2010	5.91	
7/29/2010	6.01	
9/9/2010	5.1	
4/26/2011	5.6	
10/28/2011	5.87	
5/4/2012	5.82	
11/11/2012	5.83	
5/8/2013	6.21	
11/7/2013	5.78	
5/20/2014	5.665 (D)	
11/12/2014	6.02	
5/24/2015	5.81	
11/12/2015	5.93	
4/13/2016	5.88	
6/21/2016	5.9	
8/15/2016	5.86	
10/4/2016	5.85	
10/7/2016	5.85	
12/1/2016	5.85	
2/9/2017	5.92	
4/6/2017	5.85	
6/22/2017	5.9	
10/6/2017	5.88	
3/22/2018	5.88	
10/3/2018	5.95	
3/26/2019	5.89	
9/11/2019	5.89	
3/18/2020	5.81	
9/10/2020	5.83	
4/6/2021	5.95	
8/11/2021	5.92	
2/16/2022	5.79	
8/26/2022	5.91	
2/27/2023	5.94	
8/9/2023	5.95	
3/1/2024	5.9	
8/6/2024	5.95	
2/24/2025		5.9

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-14	GWC-14
5/9/2010	4.87	
6/18/2010	5.75	
7/28/2010	5.9	
9/9/2010	5.05	
4/30/2011	5.38	
10/28/2011	5.59	
5/3/2012	5.77	
11/10/2012	5.63	
5/8/2013	6.11	
11/5/2013	5.23	
5/20/2014	5.37 (D)	
11/12/2014	5.77	
5/24/2015	5.53	
11/11/2015	5.68	
4/13/2016	5.58	
6/21/2016	5.59	
8/15/2016	5.56	
10/4/2016	5.66	
12/1/2016	5.54	
2/7/2017	5.42	
4/6/2017	5.55	
6/20/2017	5.57	
10/5/2017	5.55	
3/20/2018	5.73	
10/2/2018	5.68	
3/26/2019	5.63	
9/11/2019	5.59	
3/18/2020	5.61	
9/9/2020	5.88	
4/1/2021	5.53	
8/11/2021	5.61	
2/16/2022	5.6	
8/26/2022	5.51	
2/27/2023	5.62	
8/9/2023	5.58	
3/1/2024	5.55	
5/7/2024	5.55	
8/8/2024	5.56	
2/25/2025		5.57

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-18	GWC-18
5/10/2010	5.76	
6/16/2010	6.38	
7/26/2010	6.52	
9/7/2010	5.74	
4/29/2011	6.19	
10/28/2011	6.39	
5/2/2012	6.22	
11/9/2012	6.3	
5/8/2013	6.07	
11/6/2013	6.45	
5/23/2014	6.09 (D)	
11/8/2014	6.42	
5/22/2015	6.26	
11/10/2015	6.29	
4/11/2016	6.3	
6/16/2016	6.34	
8/11/2016	6.28	
10/5/2016	6.27	
11/29/2016	6.39	
2/8/2017	6.35	
4/6/2017	6.26	
6/21/2017	6.24	
10/5/2017	6.31	
3/20/2018	6.34	
10/2/2018	6.38	
3/26/2019	6.38	
9/11/2019	6.37	
3/18/2020	6.32	
9/9/2020	6.3	
4/1/2021	6.37	
8/11/2021	6.43	
2/16/2022	6.54	
5/12/2022	6.39	
8/25/2022	6.45	
2/28/2023	6.36	
8/9/2023	6.41	
2/29/2024	6.51	
8/6/2024	6.3	
2/25/2025		6.69

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-19	GWC-19
5/11/2010	5.93	
6/16/2010	6.58	
7/27/2010	6.69	
9/7/2010	5.87	
4/29/2011	6.37	
10/28/2011	6.52	
5/2/2012	6.24	
11/9/2012	6.31	
5/9/2013	6.01	
11/6/2013	6.6	
5/22/2014	6.295 (D)	
11/8/2014	6.51	
5/22/2015	6.35	
11/10/2015	6.41	
4/11/2016	6.36	
6/16/2016	6.35	
8/11/2016	6.37	
10/5/2016	5.78 (O)	
11/29/2016	6.44	
2/8/2017	6.4	
4/5/2017	6.35	
6/21/2017	6.36	
10/5/2017	6.41	
3/20/2018	6.37	
10/2/2018	6.41	
3/26/2019	6.35	
9/12/2019	6.39	
3/19/2020	6.27	
9/9/2020	6.27	
4/5/2021	6.37	
6/1/2021	6.18	
8/11/2021	6.35	
10/7/2021	6.79	
2/16/2022	6.47	
8/25/2022	6.36	
12/28/2022	6.29	
2/28/2023	6.29	
8/8/2023	6.32	
2/29/2024	6.33	
8/6/2024	6.26	
2/25/2025		6.59

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-20	GWC-20
5/11/2010	6.05	
6/17/2010	6.77	
7/27/2010	6.82	
9/7/2010	5.94	
4/29/2011	6.33	
10/28/2011	6.73	
5/3/2012	6.51	
11/10/2012	6.48	
5/9/2013	6.42	
11/6/2013	6.73	
5/22/2014	6.345 (D)	
11/9/2014	6.66	
5/22/2015	6.49	
11/10/2015	6.53	
4/12/2016	6.53	
6/16/2016	6.51	
8/11/2016	6.49	
10/5/2016	6.46	
11/30/2016	6.5	
2/8/2017	6.59	
4/6/2017	6.47	
6/21/2017	6.53	
10/5/2017	6.51	
3/21/2018	6.5	
10/3/2018	6.48	
3/26/2019	6.52	
9/12/2019	6.57	
3/19/2020	6.47	
9/10/2020	6.49	
4/5/2021	6.64	
6/1/2021	6.39	
8/11/2021	6.58	
2/16/2022	6.71	
5/12/2022	6.52	
8/25/2022	6.62	
12/28/2022	6.56	
2/28/2023	6.53	
8/8/2023	6.59	
3/1/2024	6.73	
5/7/2024	6.5	
8/6/2024	6.41	
2/25/2025		6.55

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15	GWA-15
4/6/2016	0.799 (J)	
6/15/2016	0.32 (J)	
8/10/2016	<1	
10/4/2016	<1	
11/30/2016	<1	
2/7/2017	0.8 (J)	
4/4/2017	<1	
6/20/2017	<1	
10/4/2017	<1	
3/20/2018	1.2	
10/2/2018	<1	
3/26/2019	2.1	
9/10/2019	0.65 (J)	
3/18/2020	3.1	
9/9/2020	1.6	
4/1/2021	2.7	
8/11/2021	1.3	
2/15/2022	2.6	
8/25/2022	1.9	
2/28/2023	3.5	
8/3/2023	1.7	
3/4/2024	2.8	
8/6/2024	1.3	
2/25/2025		3.6

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-16	GWA-16
4/6/2016	<1	
6/15/2016	0.22 (J)	
8/10/2016	<1	
10/4/2016	<1	
11/29/2016	<1	
2/7/2017	<1	
4/4/2017	<1	
6/20/2017	<1	
10/5/2017	<1	
3/20/2018	<1	
10/2/2018	<1	
3/26/2019	<1	
9/10/2019	<1	
3/18/2020	0.67 (J)	
9/9/2020	<1	
4/1/2021	<1	
8/11/2021	<1	
2/15/2022	<1	
8/25/2022	<1	
2/28/2023	1.4	
8/3/2023	0.4 (J)	
2/28/2024	<1	
8/6/2024	<1	
2/25/2025		<1

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17	GWA-17
4/6/2016	<1	
6/15/2016	0.18 (J)	
8/10/2016	<1	
10/5/2016	<1	
11/29/2016	<1	
2/7/2017	<1	
4/4/2017	<1	
6/20/2017	<1	
10/5/2017	<1	
3/20/2018	<1	
10/2/2018	<1	
3/26/2019	0.58 (J)	
9/10/2019	0.44 (J)	
3/18/2020	0.51 (J)	
9/9/2020	<1	
4/1/2021	<1	
8/11/2021	<1	
2/15/2022	<1	
8/24/2022	<1	
2/28/2023	1.3	
8/3/2023	<1	
2/28/2024	<1	
8/6/2024	<1	
2/26/2025		<1

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-1	GWC-1
4/12/2016	0.617 (J)	
6/16/2016	0.72 (J)	
8/11/2016	<1	
10/4/2016	<1	
11/30/2016	<1	
2/7/2017	0.92 (J)	
4/5/2017	1	
6/20/2017	0.76 (J)	
10/4/2017	<1	
3/20/2018	0.95 (J)	
10/2/2018	<1	
3/26/2019	0.53 (J)	
9/10/2019	0.69 (J)	
3/18/2020	0.84 (J)	
9/9/2020	0.77 (J)	
4/1/2021	<1	
8/18/2021	0.79 (J)	
2/15/2022	1.5	
8/24/2022	<1	
2/27/2023	1.6	
8/9/2023	0.46 (J)	
3/1/2024	0.79 (J)	
8/6/2024	<1	
2/25/2025		0.48 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-2	GWC-2
4/12/2016	0.56 (J)	
6/16/2016	0.69 (J)	
8/11/2016	<1	
10/4/2016	<1	
11/30/2016	<1	
2/7/2017	<1	
4/6/2017	<1	
6/20/2017	<1	
10/4/2017	<1	
3/20/2018	<1	
10/2/2018	<1	
3/26/2019	0.99 (J)	
9/10/2019	0.63 (J)	
3/18/2020	0.59 (J)	
9/9/2020	0.59 (J)	
4/1/2021	1.1	
8/12/2021	<1	
2/15/2022	0.79 (J)	
8/26/2022	1.1	
2/27/2023	1.6	
8/9/2023	0.51 (J)	
3/1/2024	1.2	
8/6/2024	0.43 (J)	
2/25/2025		0.4 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-3
4/12/2016	0.419 (J)	
6/20/2016	0.6 (J)	
8/16/2016	<1	
10/5/2016	<1	
11/30/2016	1.1	
2/8/2017	<1	
4/6/2017	<1	
6/21/2017	<1	
10/5/2017	<1	
3/21/2018	<1	
10/3/2018	<1	
3/26/2019	0.47 (J)	
9/10/2019	0.7 (J)	
3/18/2020	0.6 (J)	
9/10/2020	<1	
4/6/2021	<1	
8/12/2021	<1	
2/15/2022	0.91 (J)	
8/25/2022	0.99 (J)	
2/28/2023		4.7
5/2/2023		4.2
8/9/2023		3.6
10/4/2023		3.1
3/4/2024		10
5/20/2024		0.64 (J)
8/7/2024		15
11/7/2024		18
2/25/2025		20

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
4/12/2016	3.56	
6/20/2016	2.4	
8/16/2016	1.7	
10/6/2016	1.2	
11/30/2016	1.2	
2/8/2017	4.6	
4/6/2017	4.1	
6/22/2017	3.4	
10/6/2017	3	
3/21/2018	4.9	
10/3/2018	2.9	
3/26/2019	3.2	
9/10/2019	1.7	
3/19/2020	4.6	
9/10/2020	1.6	
4/2/2021		4.6
8/12/2021		3.5
2/15/2022		20
5/12/2022		33
8/25/2022		19
12/28/2022		32
2/27/2023		56
8/8/2023		53
2/29/2024		84
8/7/2024		73
2/25/2025		150

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-5	GWC-5
4/19/2016	575 (O)	
6/22/2016	470	
8/16/2016	360	
10/6/2016	300	
12/1/2016	340	
2/9/2017	350	
4/6/2017	380	
6/21/2017	490	
10/5/2017	380	
3/22/2018	400	
10/3/2018	270	
3/27/2019	260	
9/11/2019	130	
3/18/2020	170	
9/9/2020	110	
4/1/2021	100	
8/12/2021	140	
2/15/2022	100	
8/25/2022	100	
2/28/2023	87	
8/8/2023	79	
2/29/2024	75	
8/6/2024	73	
2/25/2025		58

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-6	GWC-6
4/12/2016	7.55	
6/20/2016	14	
8/16/2016	12	
10/6/2016	13	
11/30/2016	14	
2/9/2017	9.5	
4/6/2017	9.7	
6/21/2017	13	
10/6/2017	7.3	
3/21/2018	9.5	
10/3/2018	10	
3/26/2019	6.3	
9/11/2019	12	
3/18/2020	5.6	
9/10/2020	9.4	
6/2/2021	13	
8/11/2021	11	
2/15/2022	13	
8/25/2022	12	
2/27/2023	13	
8/8/2023	6.5	
2/29/2024	25	
5/20/2024	18	
8/7/2024	13	
2/24/2025		30

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-7	GWC-7
4/13/2016	<1	
6/20/2016	0.36 (J)	
8/15/2016	<1	
10/6/2016	<1	
12/1/2016	<1	
2/9/2017	<1	
4/7/2017	<1	
6/22/2017	<1	
10/6/2017	<1	
3/22/2018	<1	
10/4/2018	<1	
3/27/2019	0.51 (J)	
9/11/2019	0.52 (J)	
3/19/2020	0.54 (J)	
9/10/2020	<1	
4/1/2021	<1	
8/11/2021	<1	
2/15/2022	<1	
8/25/2022	<1	
2/27/2023	1.4	
8/8/2023	<1	
2/29/2024	1.5	
8/6/2024	1.4	
2/24/2025		3.5

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-8A
4/19/2016	32.7	
10/10/2016	33	
12/1/2016	31	
2/9/2017	34	
4/7/2017	37	
6/21/2017	35	
8/15/2017	42	
9/1/2017	40	
10/9/2017	40	
3/22/2018	39	
10/4/2018	30	
3/27/2019	18	
9/11/2019	32	
3/18/2020	16	
9/9/2020	11	
6/1/2021	17	
8/12/2021	27	
2/15/2022	11	
8/25/2022	22	
2/27/2023	12	
8/8/2023	7.8	
2/29/2024	18	
8/6/2024	21	
2/24/2025		21

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-9	GWC-9
4/13/2016	8.66	
6/22/2016	6.3	
8/15/2016	8	
10/6/2016	10	
12/1/2016	15	
2/8/2017	13	
4/6/2017	14	
6/21/2017	11	
10/5/2017	10	
3/21/2018	12	
10/2/2018	8.2	
3/27/2019	6.8	
9/11/2019	9.6	
3/18/2020	6.9	
9/9/2020	8.4	
4/1/2021	9.7	
8/12/2021	9.7	
2/15/2022	7.2	
8/25/2022	19	
2/27/2023		13
8/8/2023		13
3/1/2024		17
8/6/2024		22
11/6/2024		30
2/24/2025		19

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-10	GWC-10
4/13/2016	0.51 (J)	
6/21/2016	0.58 (J)	
8/15/2016	<1	
10/5/2016	<1	
12/1/2016	<1	
2/8/2017	1	
4/6/2017	0.81 (J)	
6/21/2017	1.1	
10/5/2017	1.1	
3/21/2018	1.1	
10/2/2018	1.2	
3/27/2019	1.6	
9/11/2019	1.8	
3/18/2020	2.4	
9/9/2020	2.6	
4/1/2021	2.7	
8/17/2021	1.2	
2/15/2022	3.5	
5/12/2022	2.7	
8/25/2022	3.7	
2/21/2023	4.7	
5/2/2023	4.3	
8/9/2023	2.3	
3/1/2024	4.7	
5/20/2024	3.9	
8/6/2024	4.4	
2/24/2025		4.3

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-11	GWC-11
4/13/2016	<1	
6/21/2016	0.16 (J)	
8/15/2016	<1	
10/5/2016	<1	
12/1/2016	<1	
2/8/2017	<1	
4/6/2017	<1	
6/20/2017	<1	
10/5/2017	<1	
3/21/2018	<1	
10/2/2018	<1	
3/27/2019	<1	
9/11/2019	0.63 (J)	
3/18/2020	<1	
9/10/2020	<1	
4/1/2021	<1	
8/11/2021	<1	
2/16/2022	<1	
8/25/2022	<1	
2/27/2023	0.88 (J)	
8/9/2023	<1	
2/29/2024	<1	
8/6/2024	<1	
2/24/2025		<1

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-12	GWC-12
4/13/2016	<1	
6/21/2016	0.2 (J)	
8/15/2016	<1	
10/5/2016	<1	
12/1/2016	<1	
2/8/2017	<1	
4/5/2017	<1	
6/20/2017	<1	
10/5/2017	<1	
3/21/2018	<1	
10/2/2018	<1	
3/26/2019	0.49 (J)	
9/11/2019	0.5 (J)	
3/18/2020	1.3	
9/10/2020	<1	
4/1/2021	<1	
8/11/2021	<1	
2/16/2022	<1	
8/26/2022	0.77 (J)	
2/27/2023	1.2	
8/9/2023	<1	
2/29/2024	<1	
8/6/2024	<1	
2/24/2025		<1

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-13
4/13/2016	0.646 (J)	
6/21/2016	0.57 (J)	
8/15/2016	<1	
10/7/2016	<1	
12/1/2016	<1	
2/9/2017	<1	
4/6/2017	<1	
6/22/2017	<1	
10/6/2017	<1	
3/22/2018	<1	
10/3/2018	<1	
3/26/2019	1.3	
9/11/2019	0.81 (J)	
3/18/2020	25 (O)	
9/10/2020	1.3	
4/6/2021	0.9 (J)	
8/11/2021	0.89 (J)	
2/16/2022	<1	
8/26/2022	1.3	
2/27/2023	1.6	
8/9/2023	1.3	
3/1/2024	1.2	
8/6/2024	<1	
2/24/2025		0.41 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-14	GWC-14
4/13/2016	<1	
6/21/2016	0.16 (J)	
8/15/2016	<1	
10/4/2016	<1	
12/1/2016	<1	
2/7/2017	<1	
4/6/2017	<1	
6/20/2017	<1	
10/5/2017	<1	
3/20/2018	<1	
10/2/2018	<1	
3/26/2019	0.64 (J)	
9/11/2019	0.5 (J)	
3/18/2020	<1	
9/9/2020	<1	
4/1/2021	<1	
8/11/2021	<1	
2/16/2022	<1	
8/26/2022	0.79 (J)	
2/27/2023	1.2	
8/9/2023	<1	
3/1/2024	<1	
8/8/2024	<1	
2/25/2025		<1

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-18	GWC-18
4/11/2016	<1	
6/16/2016	0.19 (J)	
8/11/2016	<1	
10/5/2016	<1	
11/29/2016	<1	
2/8/2017	<1	
4/6/2017	<1	
6/21/2017	<1	
10/5/2017	<1	
3/20/2018	<1	
10/2/2018	<1	
3/26/2019	0.39 (J)	
9/11/2019	0.61 (J)	
3/18/2020	0.62 (J)	
9/9/2020	<1	
4/1/2021	<1	
8/11/2021	<1	
2/16/2022	<1	
8/25/2022	<1	
2/28/2023	1.2	
8/9/2023	<1	
2/29/2024	1.8	
8/6/2024	<1	
2/25/2025		<1

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-19	GWC-19
4/11/2016	<1	
6/16/2016	0.23 (J)	
8/11/2016	<1	
10/5/2016	<1	
11/29/2016	<1	
2/8/2017	<1	
4/5/2017	<1	
6/21/2017	<1	
10/5/2017	<1	
3/20/2018	<1	
10/2/2018	<1	
3/26/2019	<1	
9/12/2019	<1	
3/19/2020	0.64 (J)	
9/9/2020	1.2	
6/1/2021	1.9	
8/11/2021	<1	
2/16/2022	<1	
8/25/2022	<1	
2/28/2023	1.2	
8/8/2023	<1	
2/29/2024	<1	
8/6/2024	<1	
2/25/2025		<1

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-20	GWC-20
4/12/2016	<1	
6/16/2016	0.32 (J)	
8/11/2016	<1	
10/5/2016	<1	
11/30/2016	<1	
2/8/2017	<1	
4/6/2017	<1	
6/21/2017	<1	
10/5/2017	<1	
3/21/2018	<1	
10/3/2018	<1	
3/26/2019	0.45 (J)	
9/12/2019	<1	
3/19/2020	0.71 (J)	
9/10/2020	<1	
6/1/2021	1.4	
8/11/2021	<1	
2/16/2022	<1	
8/25/2022	<1	
2/28/2023	1.3	
8/8/2023	<1	
3/1/2024	0.68 (J)	
8/6/2024	<1	
2/25/2025		<1

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15	GWA-15
4/6/2016	38	
6/15/2016	<10	
8/10/2016	56	
10/4/2016	48	
11/30/2016	46	
2/7/2017	18	
4/4/2017	32	
6/20/2017	38	
10/4/2017	42	
3/20/2018	20	
10/2/2018	48	
3/26/2019	45	
9/10/2019	42	
3/18/2020	43	
9/9/2020	<10	
4/1/2021	55	
8/11/2021	55	
2/15/2022	42	
8/25/2022	86	
2/28/2023	50	
8/3/2023	53	
3/4/2024	41	
8/6/2024	53	
2/25/2025		52

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-16	GWA-16
4/6/2016	84	
6/15/2016	139	
8/10/2016	80	
10/4/2016	62	
11/29/2016	110	
2/7/2017	70	
4/4/2017	120	
6/20/2017	76	
10/5/2017	110	
3/20/2018	110	
10/2/2018	110	
3/26/2019	100	
9/10/2019	75	
3/18/2020	93	
9/9/2020	66	
4/1/2021	100	
8/11/2021	100	
2/15/2022	99	
8/25/2022	130	
2/28/2023	110	
8/3/2023	110	
2/28/2024	100	
8/6/2024	110	
2/25/2025		110

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17	GWA-17
4/6/2016	61	
6/15/2016	113	
8/10/2016	74	
10/5/2016	44	
11/29/2016	58	
2/7/2017	4 (J)	
4/4/2017	78	
6/20/2017	50	
10/5/2017	64	
3/20/2018	90	
10/2/2018	90	
3/26/2019	82	
9/10/2019	51	
3/18/2020	75	
9/9/2020	64	
4/1/2021	68	
8/11/2021	94	
2/15/2022	79	
8/24/2022	110	
2/28/2023	94	
8/3/2023	85	
2/28/2024	85	
8/6/2024	86	
2/26/2025		81

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-1	GWC-1
4/12/2016	147	
6/16/2016	150	
8/11/2016	110	
10/4/2016	140	
11/30/2016	130	
2/7/2017	130	
4/5/2017	130	
6/20/2017	120	
10/4/2017	130	
3/20/2018	110	
10/2/2018	140	
3/26/2019	150	
9/10/2019	130	
3/18/2020	130	
9/9/2020	120	
4/1/2021	120	
8/18/2021	150	
2/15/2022	120	
8/24/2022	160	
2/27/2023	160	
8/9/2023	140	
3/1/2024	150	
8/6/2024	140	
2/25/2025		150

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-2	GWC-2
4/12/2016	93	
6/16/2016	130	
8/11/2016	92	
10/4/2016	120	
11/30/2016	130	
2/7/2017	36	
4/6/2017	150	
6/20/2017	92	
10/4/2017	120	
3/20/2018	120	
10/2/2018	140	
3/26/2019	130	
9/10/2019	140	
3/18/2020	140	
9/9/2020	110	
4/1/2021	120	
8/12/2021	130	
2/15/2022	120	
8/26/2022	180	
2/27/2023	140	
8/9/2023	120	
3/1/2024	140	
8/6/2024	130	
2/25/2025		130

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-3
4/12/2016	92	
6/20/2016	78	
8/16/2016	76	
10/5/2016	64	
11/30/2016	82	
2/8/2017	92	
4/6/2017	88	
6/21/2017	88	
10/5/2017	86	
3/21/2018	98	
10/3/2018	60	
3/26/2019	86	
9/10/2019	66	
3/18/2020	72	
9/10/2020	59	
4/6/2021	81	
8/12/2021	89	
2/15/2022	53	
8/25/2022	110	
2/28/2023	72	
8/9/2023	88	
3/4/2024	99	
8/7/2024	100	
2/25/2025		130

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
4/12/2016	80	
6/20/2016	111	
8/16/2016	100	
10/6/2016	110	
11/30/2016	110	
2/8/2017	120	
4/6/2017	130	
6/22/2017	110	
10/6/2017	120	
3/21/2018	160	
10/3/2018	120	
3/26/2019	130	
9/10/2019	93	
3/19/2020	130	
9/10/2020	130	
4/2/2021	150	
8/12/2021	130	
2/15/2022	140	
8/25/2022	170	
2/27/2023		240
5/2/2023		290
8/8/2023		220
2/29/2024		260
8/7/2024		250
2/25/2025		350

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-5	GWC-5
4/19/2016	1290	
6/22/2016	1060	
8/16/2016	880	
10/6/2016	820	
12/1/2016	900	
2/9/2017	940	
4/6/2017	1100	
6/21/2017	1200	
10/5/2017	950	
3/22/2018	1000	
10/3/2018	620	
3/27/2019	580	
9/11/2019	310	
3/18/2020	430	
9/9/2020	270	
4/1/2021	260	
8/12/2021	370	
2/15/2022	290	
8/25/2022	290	
2/28/2023	240	
8/8/2023	230	
2/29/2024	190	
8/6/2024	210	
2/25/2025		200

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-6	GWC-6
4/12/2016	138	
6/20/2016	154	
8/16/2016	140	
10/6/2016	150	
11/30/2016	160	
2/9/2017	160	
4/6/2017	140	
6/21/2017	150	
10/6/2017	160	
3/21/2018	170	
10/3/2018	120	
3/26/2019	130	
9/11/2019	120	
3/18/2020	140	
9/10/2020	140	
6/2/2021	140	
8/11/2021	160	
2/15/2022	140	
8/25/2022	170	
2/27/2023	150	
8/8/2023	110	
2/29/2024	160	
8/7/2024	150	
2/24/2025		160

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-7	GWC-7
4/13/2016	130	
6/20/2016	116	
8/15/2016	92	
10/6/2016	110	
12/1/2016	140	
2/9/2017	120	
4/7/2017	120	
6/22/2017	100	
10/6/2017	140	
3/22/2018	130	
10/4/2018	110	
3/27/2019	120	
9/11/2019	100	
3/19/2020	98	
9/10/2020	120	
4/1/2021	110	
8/11/2021	130	
2/15/2022	140	
8/25/2022	150	
2/27/2023	140	
8/8/2023	130	
2/29/2024	130	
8/6/2024	130	
2/24/2025		150

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-8A
4/19/2016	179	
10/10/2016	110 (O)	
12/1/2016	170	
2/9/2017	180	
4/7/2017	200	
6/21/2017	190	
8/15/2017	190	
9/1/2017	160	
10/9/2017	230	
3/22/2018	220	
10/17/2018	170	
3/27/2019	300	
9/11/2019	210	
3/18/2020	300	
9/9/2020	360	
6/1/2021	340	
8/12/2021	240	
2/15/2022	330	
8/25/2022	270	
2/27/2023	340	
8/8/2023	910 (o)	
10/4/2023	240	
2/29/2024	270	
8/6/2024	230	
2/24/2025		260

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-9	GWC-9
4/13/2016	135	
6/22/2016	199	
8/15/2016	120	
10/6/2016	140	
12/1/2016	160	
2/8/2017	130	
4/6/2017	140	
6/21/2017	150	
10/5/2017	170	
3/21/2018	160	
10/2/2018	34	
3/27/2019	140	
9/11/2019	130	
3/18/2020	130	
9/9/2020	150	
4/1/2021	120	
8/12/2021	150	
2/15/2022	140	
8/25/2022	180	
2/27/2023	170	
8/8/2023	150	
3/1/2024	160	
8/6/2024	170	
2/24/2025		180

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-10	GWC-10
4/13/2016	103	
6/21/2016	214 (O)	
8/15/2016	130	
10/5/2016	84	
12/1/2016	130	
2/8/2017	130	
4/6/2017	130	
6/21/2017	120	
10/5/2017	140	
3/21/2018	120	
10/2/2018	150	
3/27/2019	140	
9/11/2019	110	
3/18/2020	140	
9/9/2020	160	
4/1/2021	140	
8/17/2021	160	
2/15/2022	150	
8/25/2022	170	
2/21/2023	150	
8/9/2023	140	
3/1/2024	150	
8/6/2024	140	
2/24/2025		150

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-11	GWC-11
4/13/2016	99	
6/21/2016	293 (O)	
8/15/2016	90	
10/5/2016	70	
12/1/2016	120	
2/8/2017	86	
4/6/2017	130	
6/20/2017	86	
10/5/2017	94	
3/21/2018	100	
10/2/2018	120	
3/27/2019	100	
9/11/2019	94	
3/18/2020	100	
9/10/2020	95	
4/1/2021	90	
8/11/2021	120	
2/16/2022	79	
8/25/2022	130	
2/27/2023	120	
8/9/2023	98	
2/29/2024	110	
8/6/2024	100	
2/24/2025		110

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-12	GWC-12
4/13/2016	<5	
6/21/2016	110	
8/15/2016	<5	
10/5/2016	<5	
12/1/2016	16	
2/8/2017	12	
4/5/2017	18	
6/20/2017	<5	
10/5/2017	28	
3/21/2018	28	
10/2/2018	38	
3/26/2019	29	
9/11/2019	14	
3/18/2020	26	
9/10/2020	13	
4/1/2021	17	
8/11/2021	18	
2/16/2022	16	
8/26/2022	29	
2/27/2023	39	
8/9/2023	27	
2/29/2024	32	
8/6/2024	28	
2/24/2025		31

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-13	GWC-13
4/13/2016	60	
6/21/2016	195 (O)	
8/15/2016	42	
10/7/2016	24	
12/1/2016	68	
2/9/2017	56	
4/6/2017	68	
6/22/2017	56	
10/6/2017	90	
3/22/2018	76	
10/3/2018	22	
3/26/2019	59	
9/11/2019	33	
3/18/2020	100	
9/10/2020	60	
4/6/2021	55	
8/11/2021	75	
2/16/2022	55	
8/26/2022	84	
2/27/2023	87	
8/9/2023	74	
3/1/2024	74	
8/6/2024	78	
2/24/2025		86

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-14	GWC-14
4/13/2016	56	
6/21/2016	68	
8/15/2016	46	
10/4/2016	60	
12/1/2016	70	
2/7/2017	40	
4/6/2017	74	
6/20/2017	34	
10/5/2017	98	
3/20/2018	42	
10/2/2018	40	
3/26/2019	60	
9/11/2019	26	
3/18/2020	57	
9/9/2020	54	
4/1/2021	43	
8/11/2021	71	
2/16/2022	46	
8/26/2022	91	
2/27/2023	70	
8/9/2023	64	
3/1/2024	63	
8/8/2024	65	
2/25/2025		66

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-18	GWC-18
4/11/2016	89	
6/16/2016	88	
8/11/2016	52	
10/5/2016	76	
11/29/2016	72	
2/8/2017	74	
4/6/2017	84	
6/21/2017	88	
10/5/2017	110	
3/20/2018	92	
10/2/2018	100	
3/26/2019	94	
9/11/2019	77	
3/18/2020	92	
9/9/2020	77	
4/1/2021	62	
8/11/2021	98	
2/16/2022	70	
8/25/2022	130	
2/28/2023	100	
8/9/2023	95	
2/29/2024	96	
8/6/2024	95	
2/25/2025		99

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-19	GWC-19
4/11/2016	99	
6/16/2016	102	
8/11/2016	38	
10/5/2016	26	
11/29/2016	82	
2/8/2017	78	
4/5/2017	100	
6/21/2017	100	
10/5/2017	100	
3/20/2018	100	
10/2/2018	130	
3/26/2019	100	
9/12/2019	70	
3/19/2020	110	
9/9/2020	120	
6/1/2021	130	
8/11/2021	120	
2/16/2022	110	
8/25/2022	150	
2/28/2023	130	
8/8/2023	130	
2/29/2024	130	
8/6/2024	130	
2/25/2025		140

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 6/19/2025 9:17 AM View: Appendix III - Intrawell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-20	GWC-20
4/12/2016	104	
6/16/2016	111	
8/11/2016	70	
10/5/2016	92	
11/30/2016	92	
2/8/2017	98	
4/6/2017	92	
6/21/2017	100	
10/5/2017	130	
3/21/2018	100	
10/3/2018	130	
3/26/2019	110	
9/12/2019	84	
3/19/2020	120	
9/10/2020	110	
6/1/2021	120	
8/11/2021	110	
2/16/2022	110	
8/25/2022	140	
2/28/2023	120	
8/8/2023	130	
3/1/2024	130	
8/6/2024	120	
2/25/2025		110

FIGURE H.

Appendix I Interwell Prediction Limits - Two-Step - Significant Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 6/18/2025, 4:31 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Barium (mg/L)	**GWC-4**	**0.051**	**n/a**	**2/25/2025**	**0.15**	**Yes**	**114**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0001512**	**NP Inter (normality) 1 of 2**
Barium (mg/L)	**GWC-6**	**0.051**	**n/a**	**2/24/2025**	**0.07**	**Yes**	**114**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0001512**	**NP Inter (normality) 1 of 2**
Chromium (mg/L)	**GWC-7**	**0.012**	**n/a**	**2/24/2025**	**0.024**	**Yes**	**114**	**n/a**	**n/a**	**30.7**	**n/a**	**n/a**	**0.0001512**	**NP Inter (normality) 1 of 2**
Selenium (mg/L)	**GWC-4**	**0.005**	**n/a**	**2/25/2025**	**0.0076**	**Yes**	**114**	**n/a**	**n/a**	**94.74**	**n/a**	**n/a**	**0.0001512**	**NP Inter (NDs) 1 of 2**

Appendix I Interwell Prediction Limits - Two-Step - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 6/18/2025, 4:31 PM

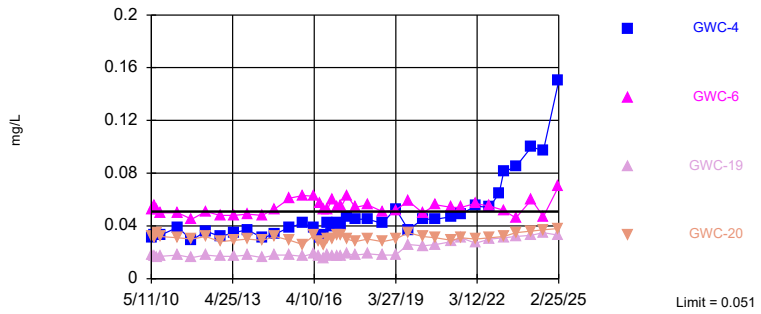
Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Barium (mg/L)	**GWC-4**	**0.051**	**n/a**	**2/25/2025**	**0.15**	**Yes**	**114**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0001512**	**NP Inter (normality) 1 of 2**
Barium (mg/L)	**GWC-6**	**0.051**	**n/a**	**2/24/2025**	**0.07**	**Yes**	**114**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0001512**	**NP Inter (normality) 1 of 2**
Barium (mg/L)	GWC-19	0.051	n/a	2/25/2025	0.033	No	114	n/a	n/a	0	n/a	n/a	0.0001512	NP Inter (normality) 1 of 2
Barium (mg/L)	GWC-20	0.051	n/a	2/25/2025	0.038	No	114	n/a	n/a	0	n/a	n/a	0.0001512	NP Inter (normality) 1 of 2
Chromium (mg/L)	**GWC-7**	**0.012**	**n/a**	**2/24/2025**	**0.024**	**Yes**	**114**	**n/a**	**n/a**	**30.7**	**n/a**	**n/a**	**0.0001512**	**NP Inter (normality) 1 of 2**
Selenium (mg/L)	**GWC-4**	**0.005**	**n/a**	**2/25/2025**	**0.0076**	**Yes**	**114**	**n/a**	**n/a**	**94.74**	**n/a**	**n/a**	**0.0001512**	**NP Inter (NDs) 1 of 2**

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Exceeds Limit: GWC-4, GWC-6

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 114 background values. Annual per-constituent alpha = 0.005128. Individual comparison alpha = 0.0001512 (1 of 2). Comparing 4 points to limit. Assumes 13 future values.

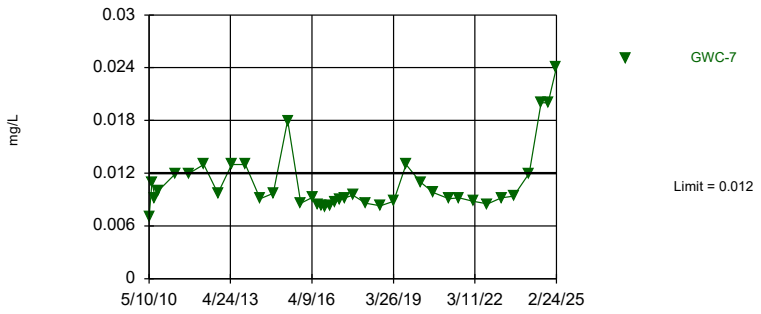
Constituent: Barium Analysis Run 6/18/2025 4:30 PM View: Appendix I - Interwell Two-Step
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Exceeds Limit: GWC-7

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 114 background values. 30.7% NDs. Annual per-constituent alpha = 0.005128. Individual comparison alpha = 0.0001512 (1 of 2). Assumes 16 future values.

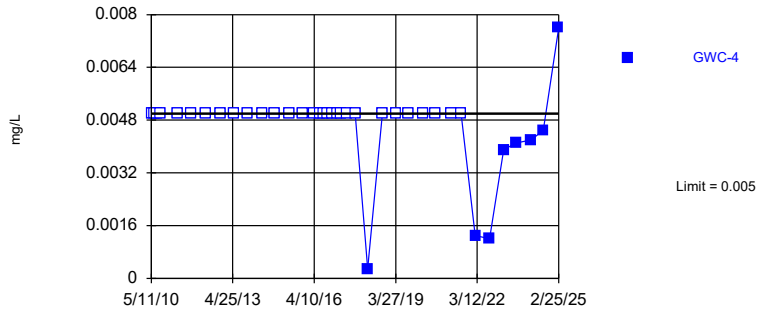
Constituent: Chromium Analysis Run 6/18/2025 4:30 PM View: Appendix I - Interwell Two-Step
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Exceeds Limit: GWC-4

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 114 background values. 94.74% NDs. Annual per-constituent alpha = 0.005128. Individual comparison alpha = 0.0001512 (1 of 2). Assumes 16 future values.

Constituent: Selenium Analysis Run 6/18/2025 4:30 PM View: Appendix I - Interwell Two-Step
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/18/2025 4:31 PM View: Appendix I - Interwell Two-Step

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17 (bg)	GWA-15 (bg)	GWA-16 (bg)	GWC-4	GWC-19	GWC-20	GWC-6
5/8/2010	0.048 (J)						
5/9/2010		0.01 (J)	0.031 (J)				
5/11/2010				0.031 (J)	0.018 (J)	0.032 (J)	0.053 (J)
6/16/2010	0.044 (J)		0.029 (J)		0.017 (J)		
6/17/2010				0.033 (J)		0.031 (J)	
6/18/2010		0.01 (J)					0.055 (J)
7/26/2010	0.042 (J)						
7/27/2010			0.029 (J)		0.016 (J)	0.035 (J)	0.053 (J)
7/28/2010		0.011 (J)		0.033 (J)			
9/7/2010	0.04 (J)		0.028 (J)		0.017 (J)	0.032 (J)	
9/8/2010				0.033 (J)			
9/9/2010		0.011 (J)					0.05 (J)
4/28/2011				0.039 (J)			
4/29/2011	0.038 (J)		0.026 (J)		0.018 (J)	0.031 (J)	
4/30/2011		0.0091 (J)					0.05 (J)
10/28/2011	0.034	0.0096 (J)	0.025		0.016	0.03	
10/29/2011				0.029			0.045
5/2/2012	0.03	0.012	0.025		0.018		
5/3/2012				0.036		0.032	
5/4/2012							0.051
11/9/2012	0.039	0.012	0.028		0.017		
11/10/2012				0.032		0.028	0.048
5/8/2013	0.034	0.01	0.029				
5/9/2013					0.017	0.029	0.048
5/10/2013				0.035			
11/5/2013		0.0098 (J)					
11/6/2013	0.032		0.026	0.037	0.018	0.03	
11/7/2013							0.049
5/20/2014	0.03	0.0081 (J)	0.025				
5/21/2014							0.048
5/22/2014				0.031	0.016	0.029	
11/8/2014	0.031		0.026		0.018		
11/9/2014				0.034		0.032	0.053
11/12/2014		0.0098 (J)					
5/22/2015	0.033	0.0088 (J)	0.026	0.039	0.018	0.029	
5/24/2015							0.061
11/9/2015	0.034		0.024				
11/10/2015					0.017	0.026	
11/11/2015		0.011		0.042			0.063
4/6/2016	0.0347	0.00959 (J)	0.026				
4/11/2016					0.0191		
4/12/2016				0.0386		0.033	0.0626
6/15/2016	0.029	0.0091 (J)	0.023				
6/16/2016					0.017	0.028	
6/20/2016				0.031			0.057
8/10/2016	0.027	0.009	0.022				
8/11/2016					0.015	0.026	
8/12/2016				0.033			0.053
10/4/2016		0.0092	0.024				
10/5/2016	0.029				0.018	0.03	
10/6/2016				0.042			0.053
11/29/2016	0.024		0.023		0.017		

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/18/2025 4:31 PM View: Appendix I - Interwell Two-Step

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17 (bg)	GWA-15 (bg)	GWA-16 (bg)	GWC-4	GWC-19	GWC-20	GWC-6
11/30/2016		0.011		0.04		0.03	0.06
2/7/2017	0.029	0.0099	0.024				
2/8/2017				0.042	0.017	0.033	
2/9/2017							0.054
4/4/2017	0.03	0.0092	0.022				
4/5/2017					0.017		
4/6/2017				0.041		0.033	0.055
6/20/2017	0.036	0.0099	0.025				
6/21/2017					0.019	0.03	0.063
6/22/2017				0.047			
10/4/2017		0.0098					
10/5/2017	0.027		0.023		0.018	0.028	
10/6/2017				0.045			0.054
3/20/2018	0.027	0.01	0.023		0.019		
3/21/2018				0.045		0.03	0.056
10/2/2018	0.027	0.0099	0.023		0.018		
10/3/2018				0.042		0.028	0.051
3/26/2019	0.031	0.0099	0.024	0.053	0.018	0.03	0.052
9/10/2019	0.051	0.011	0.039	0.037			
9/11/2019							0.059
9/12/2019					0.026	0.035	
3/18/2020	0.031	0.01	0.027				0.05
3/19/2020				0.045	0.025	0.032	
9/9/2020	0.033	0.01	0.024		0.026		
9/10/2020				0.045		0.031	0.056
4/1/2021	0.029	0.0092 (J)	0.024				
4/2/2021				0.047			
4/5/2021					0.028	0.029	0.054
8/11/2021	0.029	0.01	0.023		0.031	0.031	0.054
8/12/2021				0.049			
2/15/2022	0.031	0.012	0.024	0.055			0.057
2/16/2022					0.027	0.03	
8/24/2022	0.031						
8/25/2022		0.012	0.025	0.054	0.03	0.031	0.055
12/28/2022				0.065			
2/27/2023				0.081			0.052
2/28/2023	0.03	0.01	0.025		0.031	0.032	
8/3/2023	0.027	0.01	0.026				
8/8/2023				0.085	0.032	0.035	0.046
2/28/2024	0.032		0.03				
2/29/2024				0.1	0.033		0.06
3/1/2024						0.036	
3/4/2024		0.01					
8/6/2024	0.033	0.01	0.031		0.035	0.037	
8/7/2024				0.097			0.047
2/24/2025							0.07
2/25/2025		0.013	0.028	0.15	0.033	0.038	
2/26/2025	0.027						

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 6/18/2025 4:31 PM View: Appendix I - Interwell Two-Step

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17 (bg)	GWA-16 (bg)	GWA-15 (bg)	GWC-7
5/8/2010	0.0032 (J)			
5/9/2010		0.003 (J)	<0.002	
5/10/2010				0.007
6/16/2010	0.0037 (J)	0.0042 (J)		
6/18/2010			<0.002	0.011
7/26/2010	0.0058			
7/27/2010		0.0048 (J)		
7/28/2010			<0.002	0.0092
9/7/2010	0.0078	0.0037 (J)		
9/9/2010			<0.002	0.01
4/29/2011	0.005	0.0046 (J)		
4/30/2011			<0.002	0.012
10/28/2011	0.0068	0.005	<0.002	
10/29/2011				0.012
5/2/2012	0.0065	0.0052	<0.002	
5/4/2012				0.013
11/9/2012	0.006	0.0054	<0.002	
11/10/2012				0.0097
5/8/2013	0.0074	0.0058	<0.002	
5/9/2013				0.013
11/5/2013			0.0036 (J)	
11/6/2013	0.0082 (J)	0.0062 (J)		
11/7/2013				0.013
5/20/2014	0.0051 (J)	0.0047 (J)	<0.002	
5/21/2014				0.0091 (J)
11/8/2014	0.0074 (J)	0.0064 (J)		
11/12/2014			<0.002	0.0097 (J)
5/22/2015	0.0084 (J)	0.0059 (J)	<0.002	
5/24/2015				0.018
11/9/2015	0.009 (J)	0.0043 (J)		
11/11/2015			<0.002	0.0086 (J)
4/6/2016	0.00779 (J)	0.00457 (J)	<0.002	
4/13/2016				0.00924 (J)
6/15/2016	0.0072 (J)	0.0042 (J)	0.00029 (J)	
6/20/2016				0.0084 (J)
8/10/2016	0.0068	0.0042	<0.002	
8/15/2016				0.0083
10/4/2016		0.0052	<0.002	
10/5/2016	0.0076			
10/6/2016				0.0081
11/29/2016	0.0045	0.004		
11/30/2016			<0.002	
12/1/2016				0.0083
2/7/2017	0.0067	0.004	<0.002	
2/9/2017				0.0087
4/4/2017	0.0079	0.0021 (J)	<0.002	
4/7/2017				0.009
6/20/2017	0.0084	0.0046	<0.002	
6/22/2017				0.0092
10/4/2017			<0.002	
10/5/2017	0.0061	0.005		
10/6/2017				0.0095

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 6/18/2025 4:31 PM View: Appendix I - Interwell Two-Step

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17 (bg)	GWA-16 (bg)	GWA-15 (bg)	GWC-7
3/20/2018	0.006	0.0044	<0.002	
3/22/2018				0.0086
10/2/2018	0.0061	0.0043	<0.002	
10/4/2018				0.0083
3/26/2019	0.0065	0.0046	<0.002	
3/27/2019				0.0088
9/10/2019	0.012	0.0076	0.0023 (J)	
9/11/2019				0.013
3/18/2020	0.0083	0.0044	<0.002	
3/19/2020				0.011
9/9/2020	0.0088	0.005	<0.002	
9/10/2020				0.0098
4/1/2021	0.0082	0.0053	<0.002	0.0091
8/11/2021	0.0089	0.0059	<0.002	0.0092
2/15/2022	0.0084	0.0056	<0.002	0.0088
8/24/2022	0.0076			
8/25/2022		0.0056	<0.002	0.0085
2/27/2023				0.0092
2/28/2023	0.0083	0.0061	<0.002	
8/3/2023	0.0089	0.0073	<0.002	
8/8/2023				0.0094
2/28/2024	0.0096	0.0071		
2/29/2024				0.012
3/4/2024			<0.002	
8/6/2024	0.0086	0.008	<0.002	0.02
11/6/2024				0.02
2/24/2025				0.024
2/25/2025		0.0068	<0.002	
2/26/2025	0.0083			

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 6/18/2025 4:31 PM View: Appendix I - Interwell Two-Step

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17 (bg)	GWA-16 (bg)	GWA-15 (bg)	GWC-4
5/8/2010	<0.005			
5/9/2010		<0.005	<0.005	
5/11/2010				<0.005
6/16/2010	<0.005	<0.005		
6/17/2010				<0.005
6/18/2010			<0.005	
7/26/2010	<0.005			
7/27/2010		<0.005		
7/28/2010			<0.005	<0.005
9/7/2010	<0.005	<0.005		
9/8/2010				<0.005
9/9/2010			<0.005	
4/28/2011				<0.005
4/29/2011	<0.005	<0.005		
4/30/2011			<0.005	
10/28/2011	<0.005	<0.005	<0.005	
10/29/2011				<0.005
5/2/2012	<0.005	<0.005	<0.005	
5/3/2012				<0.005
11/9/2012	<0.005	<0.005	<0.005	
11/10/2012				<0.005
5/8/2013	0.0044 (J)	<0.005	<0.005	
5/10/2013				<0.005
11/5/2013			<0.005	
11/6/2013	<0.005	<0.005		<0.005
5/20/2014	<0.005	<0.005	<0.005	
5/22/2014				<0.005
11/8/2014	<0.005	<0.005		
11/9/2014				<0.005
11/12/2014			<0.005	
5/22/2015	<0.005	<0.005	<0.005	<0.005
11/9/2015	<0.005	0.0043 (J)		
11/11/2015			<0.005	<0.005
4/6/2016	<0.005	<0.005	<0.005	
4/12/2016				<0.005
6/15/2016	<0.005	<0.005	<0.005	
6/20/2016				<0.005
8/10/2016	<0.005	<0.005	<0.005	
8/12/2016				<0.005
10/4/2016		<0.005	<0.005	
10/5/2016	<0.005			
10/6/2016				<0.005
11/29/2016	<0.005	0.00024 (J)		
11/30/2016			<0.005	<0.005
2/7/2017	<0.005	<0.005	<0.005	
2/8/2017				<0.005
4/4/2017	<0.005	0.0017	0.00067 (J)	
4/6/2017				<0.005
6/20/2017	<0.005	<0.005	<0.005	
6/22/2017				<0.005
10/4/2017			<0.005	
10/5/2017	0.00027 (J)	<0.005		

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 6/18/2025 4:31 PM View: Appendix I - Interwell Two-Step

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17 (bg)	GWA-16 (bg)	GWA-15 (bg)	GWC-4
10/6/2017				<0.005
3/20/2018	<0.005	<0.005	<0.005	
3/21/2018				0.00029 (J)
10/2/2018	<0.005	<0.005	<0.005	
10/3/2018				<0.005
3/26/2019	<0.005	<0.005	<0.005	<0.005
9/10/2019	<0.005	<0.005	<0.005	<0.005
3/18/2020	<0.005	<0.005	<0.005	
3/19/2020				<0.005
9/9/2020	<0.005	<0.005	<0.005	
9/10/2020				<0.005
4/1/2021	<0.005	<0.005	<0.005	
4/2/2021				<0.005
8/11/2021	<0.005	<0.005	<0.005	
8/12/2021				<0.005
2/15/2022	<0.005	<0.005	<0.005	0.0013 (J)
8/24/2022	<0.005			
8/25/2022		<0.005	<0.005	0.0012 (J)
2/27/2023				0.0039 (J)
2/28/2023	<0.005	<0.005	<0.005	
8/3/2023	<0.005	<0.005	<0.005	
8/8/2023				0.0041 (J)
2/28/2024	<0.005	<0.005		
2/29/2024				0.0042 (J)
3/4/2024			<0.005	
8/6/2024	<0.005	<0.005	<0.005	
8/7/2024				0.0045 (J)
2/25/2025		<0.005	<0.005	0.0076
2/26/2025	<0.005			

ND substitution: RL or RL/2 if <15% NDs.

FIGURE I.

Appendix III Interwell Prediction Limits - Two-Step - Significant Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 8/12/2025, 1:22 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Calcium (mg/L)	GWC-4	15	n/a	2/25/2025	46	Yes	72	n/a	n/a	0	n/a	n/a	0.0003627	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-6	15	n/a	2/24/2025	23	Yes	72	n/a	n/a	0	n/a	n/a	0.0003627	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-7	15	n/a	2/24/2025	19	Yes	72	n/a	n/a	0	n/a	n/a	0.0003627	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-9	15	n/a	2/24/2025	34	Yes	72	n/a	n/a	0	n/a	n/a	0.0003627	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-19	15	n/a	2/25/2025	18	Yes	72	n/a	n/a	0	n/a	n/a	0.0003627	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-20	15	n/a	2/25/2025	18	Yes	72	n/a	n/a	0	n/a	n/a	0.0003627	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-4	7.2	n/a	2/25/2025	28	Yes	72	n/a	n/a	0	n/a	n/a	0.0003627	NP Inter (normality) 1 of 2
pH, Field (SU)	GWC-9	6.76	4.81	2/24/2025	7.14	Yes	115	n/a	n/a	0	n/a	n/a	0.0002967	NP Inter (normality) 1 of 2
Sulfate (mg/L)	GWC-3	3.6	n/a	2/25/2025	20	Yes	72	n/a	n/a	63.89	n/a	n/a	0.0003627	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	GWC-4	3.6	n/a	2/25/2025	150	Yes	72	n/a	n/a	63.89	n/a	n/a	0.0003627	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	GWC-6	3.6	n/a	2/24/2025	30	Yes	72	n/a	n/a	63.89	n/a	n/a	0.0003627	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	GWC-9	3.6	n/a	2/24/2025	19	Yes	72	n/a	n/a	63.89	n/a	n/a	0.0003627	NP Inter (NDs) 1 of 2
TDS (mg/L)	GWC-4	136.9	n/a	2/25/2025	350	Yes	72	71.76	30.7	2.778	None	No	0.0004426	Param Inter 1 of 2

Appendix III Interwell Prediction Limits - Two-Step - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 8/12/2025, 1:22 PM

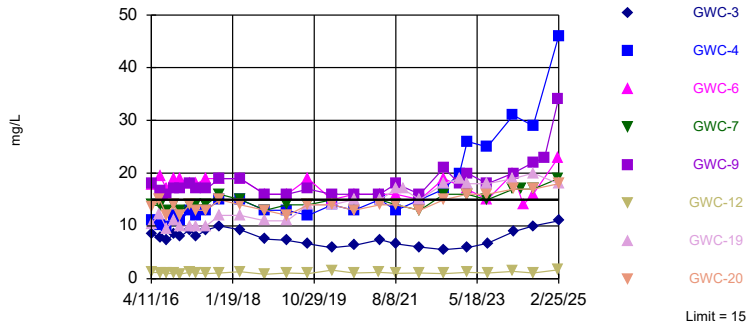
Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Calcium (mg/L)	GWC-3	15	n/a	2/25/2025	11	No	72	n/a	n/a	0	n/a	n/a	0.0003627	NP Inter (normality) 1 of 2
Calcium (mg/L)	**GWC-4**	**15**	**n/a**	**2/25/2025**	**46**	**Yes**	**72**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0003627**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	**GWC-6**	**15**	**n/a**	**2/24/2025**	**23**	**Yes**	**72**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0003627**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	**GWC-7**	**15**	**n/a**	**2/24/2025**	**19**	**Yes**	**72**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0003627**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	**GWC-9**	**15**	**n/a**	**2/24/2025**	**34**	**Yes**	**72**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0003627**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	GWC-12	15	n/a	2/24/2025	1.7	No	72	n/a	n/a	0	n/a	n/a	0.0003627	NP Inter (normality) 1 of 2
Calcium (mg/L)	**GWC-19**	**15**	**n/a**	**2/25/2025**	**18**	**Yes**	**72**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0003627**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	**GWC-20**	**15**	**n/a**	**2/25/2025**	**18**	**Yes**	**72**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0003627**	**NP Inter (normality) 1 of 2**
Chloride (mg/L)	**GWC-4**	**7.2**	**n/a**	**2/25/2025**	**28**	**Yes**	**72**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0003627**	**NP Inter (normality) 1 of 2**
Chloride (mg/L)	GWC-7	7.2	n/a	2/24/2025	6.5	No	72	n/a	n/a	0	n/a	n/a	0.0003627	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-9	7.2	n/a	2/24/2025	6.3	No	72	n/a	n/a	0	n/a	n/a	0.0003627	NP Inter (normality) 1 of 2
pH, Field (SU)	GWC-6	6.76	4.81	2/24/2025	6.5	No	115	n/a	n/a	0	n/a	n/a	0.0002967	NP Inter (normality) 1 of 2
pH, Field (SU)	GWC-7	6.76	4.81	2/24/2025	6.67	No	115	n/a	n/a	0	n/a	n/a	0.0002967	NP Inter (normality) 1 of 2
pH, Field (SU)	**GWC-9**	**6.76**	**4.81**	**2/24/2025**	**7.14**	**Yes**	**115**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0002967**	**NP Inter (normality) 1 of 2**
pH, Field (SU)	GWC-18	6.76	4.81	2/25/2025	6.69	No	115	n/a	n/a	0	n/a	n/a	0.0002967	NP Inter (normality) 1 of 2
Sulfate (mg/L)	**GWC-3**	**3.6**	**n/a**	**2/25/2025**	**20**	**Yes**	**72**	**n/a**	**n/a**	**63.89**	**n/a**	**n/a**	**0.0003627**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**GWC-4**	**3.6**	**n/a**	**2/25/2025**	**150**	**Yes**	**72**	**n/a**	**n/a**	**63.89**	**n/a**	**n/a**	**0.0003627**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**GWC-6**	**3.6**	**n/a**	**2/24/2025**	**30**	**Yes**	**72**	**n/a**	**n/a**	**63.89**	**n/a**	**n/a**	**0.0003627**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	GWC-7	3.6	n/a	2/24/2025	3.5	No	72	n/a	n/a	63.89	n/a	n/a	0.0003627	NP Inter (NDs) 1 of 2
Sulfate (mg/L)	**GWC-9**	**3.6**	**n/a**	**2/24/2025**	**19**	**Yes**	**72**	**n/a**	**n/a**	**63.89**	**n/a**	**n/a**	**0.0003627**	**NP Inter (NDs) 1 of 2**
TDS (mg/L)	GWC-3	136.9	n/a	2/25/2025	130	No	72	71.76	30.7	2.778	None	No	0.0004426	Param Inter 1 of 2
TDS (mg/L)	**GWC-4**	**136.9**	**n/a**	**2/25/2025**	**350**	**Yes**	**72**	**71.76**	**30.7**	**2.778**	**None**	**No**	**0.0004426**	**Param Inter 1 of 2**

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Exceeds Limit: GWC-4, GWC-6, GWC-7, GWC-9, GWC-19, GWC-20

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Francia normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 72 background values. Annual per-constituent alpha = 0.01226. Individual comparison alpha = 0.0003627 (1 of 2). Comparing 8 points to limit. Assumes 9 future values.

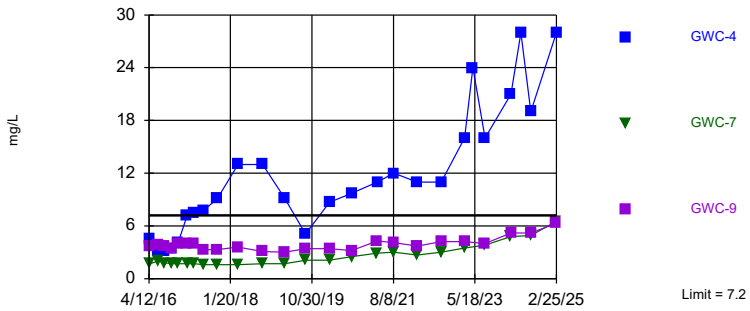
Constituent: Calcium Analysis Run 8/12/2025 1:20 PM View: Appendix III - Interwell Two-Step
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Exceeds Limit: GWC-4

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Francia normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 72 background values. Annual per-constituent alpha = 0.01226. Individual comparison alpha = 0.0003627 (1 of 2). Comparing 3 points to limit. Assumes 14 future values.

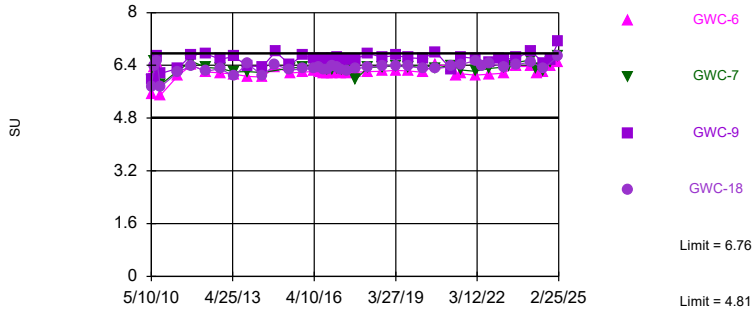
Constituent: Chloride Analysis Run 8/12/2025 1:20 PM View: Appendix III - Interwell Two-Step
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Exceeds Limits: GWC-9

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 115 background values. Annual per-constituent alpha = 0.01006. Individual comparison alpha = 0.0002967 (1 of 2). Comparing 4 points to limit. Assumes 13 future values.

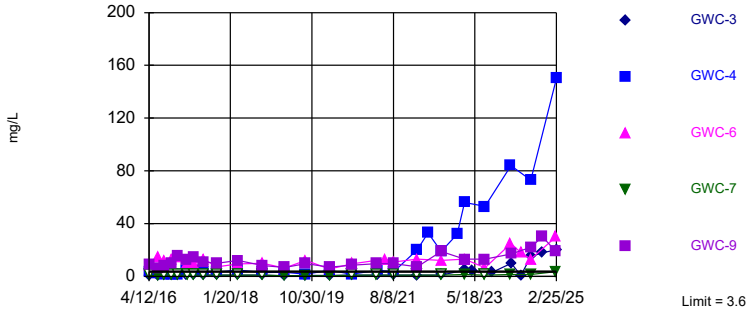
Constituent: pH, Field Analysis Run 8/12/2025 1:20 PM View: Appendix III - Interwell Two-Step
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Exceeds Limit: GWC-3, GWC-4, GWC-6, GWC-9

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 72 background values. 63.89% NDs. Annual per-constituent alpha = 0.01226. Individual comparison alpha = 0.0003627 (1 of 2). Comparing 5 points to limit. Assumes 12 future values.

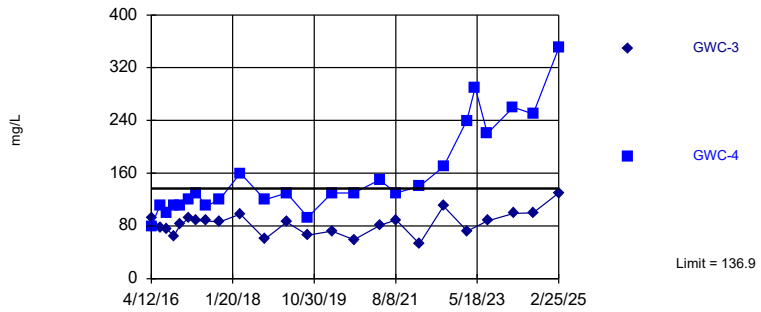
Constituent: Sulfate Analysis Run 8/12/2025 1:20 PM View: Appendix III - Interwell Two-Step
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Exceeds Limit: GWC-4

Prediction Limit

Interwell Parametric



Background Data Summary: Mean=71.76, Std. Dev.=30.7, n=72, 2.778% NDs. Normality test: Shapiro Francia @alpha = 0.01, calculated = 0.982, critical = 0.954. Kappa = 2.123 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.007498. Individual comparison alpha = 0.0004426. Comparing 2 points to limit. Assumes 15 future values.

Constituent: TDS Analysis Run 8/12/2025 1:20 PM View: Appendix III - Interwell Two-Step

Plant Scherer Client: Southern Company Data: Scherer Cell 1

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 8/12/2025 1:22 PM View: Appendix III - Interwell Two-Step

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-17 (bg)	GWA-16 (bg)	GWC-19	GWC-6	GWC-4	GWC-3	GWC-20	GWC-7
4/6/2016	3.62	6.58	12.1						
4/11/2016				10.4					
4/12/2016					17.8	11	8.52	13.5	
4/13/2016									14
6/15/2016	4.5	6.9	11.8						
6/16/2016				12.2				15	
6/20/2016					19.5	10.1	7.7		13.8
6/21/2016									
6/22/2016									
8/10/2016	3.8	5.5	10						
8/11/2016				9.5				12	
8/12/2016					17	9.9	7.3		
8/15/2016									13
10/4/2016	5.3		14						
10/5/2016		6.8		11			8.4	14	
10/6/2016					19	12			14
11/29/2016		4.8	10	9.8					
11/30/2016	4.7				19	11	8	12	
12/1/2016									13
2/7/2017	3.8	7.8	12						
2/8/2017				10		13	9.3	14	
2/9/2017					18				14
4/4/2017	3.8	6.4	11						
4/5/2017				10					
4/6/2017					18	12	8.1	13	
4/7/2017									14
6/20/2017	4.1	7	11						
6/21/2017				10	19		9.2	13	
6/22/2017						13			14
10/4/2017	4.6								
10/5/2017		6.6	13	12			10	15	
10/6/2017					19	15			16
3/20/2018	4.2	6.6	12	12					
3/21/2018					19	15	9.3	14	
3/22/2018									15
10/2/2018	4.2	5.8	11	11					
10/3/2018					16	13	7.5	13	
10/4/2018									13
3/26/2019	4	6.7	11	11	16	13	7.3	12	
3/27/2019									14
9/10/2019	4.8	7.5	12			12	6.6		
9/11/2019					19				14
9/12/2019				14				14	
3/18/2020	3.8	7.3	12		15		5.9		
3/19/2020				14		14		14	15
9/9/2020	4	7.3	11	15					
9/10/2020					16	13	6.3	13	15
4/1/2021	4	7.8	12						15
4/2/2021						15			
4/5/2021				15	16			14	
4/6/2021							7.4		
8/11/2021	4.1	7.3	11	17	16			14	14

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 8/12/2025 1:22 PM View: Appendix III - Interwell Two-Step

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-17 (bg)	GWA-16 (bg)	GWC-19	GWC-6	GWC-4	GWC-3	GWC-20	GWC-7
8/12/2021						13	6.6		
10/7/2021				17					
2/15/2022	3.6	7.1	10		15	15	6		13
2/16/2022				15				13	
8/24/2022		8.9							
8/25/2022	4.9		13	18	19	17	5.5	15	16
8/26/2022									
12/28/2022				19		20			
2/27/2023					17	26			16
2/28/2023	4.1	8.7	13	18			5.9	16	
8/3/2023	4.7	8.3	13						
8/8/2023				18	15	25		16	15
8/9/2023							6.7		
2/28/2024		9	15						
2/29/2024				19	20	31			17
3/1/2024								17	
3/4/2024	3.8						8.9		
5/7/2024									17
5/20/2024					14				
8/6/2024	4.2	9	15	20				17	17
8/7/2024					16	29	10		
11/6/2024									
2/24/2025					23				19
2/25/2025	4.1		13	18		46	11	18	
2/26/2025		7.4							

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 8/12/2025 1:22 PM View: Appendix III - Interwell Two-Step

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-12	GWC-9
4/6/2016		
4/11/2016		
4/12/2016		
4/13/2016	1.18	18
6/15/2016		
6/16/2016		
6/20/2016		
6/21/2016	1.12	
6/22/2016		16.7
8/10/2016		
8/11/2016		
8/12/2016		
8/15/2016	0.95	16
10/4/2016		
10/5/2016	1	
10/6/2016		17
11/29/2016		
11/30/2016		
12/1/2016	0.92	17
2/7/2017		
2/8/2017	1.2	18
2/9/2017		
4/4/2017		
4/5/2017	1.1	
4/6/2017		17
4/7/2017		
6/20/2017	0.96	
6/21/2017		17
6/22/2017		
10/4/2017		
10/5/2017	1.1	19
10/6/2017		
3/20/2018		
3/21/2018	1.3	19
3/22/2018		
10/2/2018	0.86	16
10/3/2018		
10/4/2018		
3/26/2019	1.1	
3/27/2019		16
9/10/2019		
9/11/2019	0.94	17
9/12/2019		
3/18/2020	1.6	16
3/19/2020		
9/9/2020		16
9/10/2020	1.1	
4/1/2021	1.2	16
4/2/2021		
4/5/2021		
4/6/2021		
8/11/2021	1	

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 8/12/2025 1:22 PM View: Appendix III - Interwell Two-Step

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-12	GWC-9
8/12/2021		18
10/7/2021		
2/15/2022		16
2/16/2022	1.1	
8/24/2022		
8/25/2022		21
8/26/2022	0.99	
12/28/2022		18
2/27/2023	1.2	20
2/28/2023		
8/3/2023		
8/8/2023		18
8/9/2023	1.1	
2/28/2024		
2/29/2024	1.4	
3/1/2024		20
3/4/2024		
5/7/2024		
5/20/2024		
8/6/2024	1.1	22
8/7/2024		
11/6/2024		23
2/24/2025	1.7	34
2/25/2025		
2/26/2025		

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 8/12/2025 1:22 PM View: Appendix III - Interwell Two-Step

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-17 (bg)	GWA-16 (bg)	GWC-4	GWC-9	GWC-7
4/6/2016	5.342	1.69	1.789			
4/12/2016				4.57		
4/13/2016					3.64	1.68
6/15/2016	5.2	1.9	2.1			
6/20/2016				3.1		2
6/22/2016					3.8	
8/10/2016	5.5	1.7	1.8			
8/15/2016					3.7	1.8
8/16/2016				3.2		
10/4/2016	5.4		1.7			
10/5/2016		1.6				
10/6/2016				3.4	3.4	1.7
11/29/2016		1.7	1.7			
11/30/2016	5.4			4.1		
12/1/2016					4	1.7
2/7/2017	5.1	1.6	1.6			
2/8/2017				7.2	4	
2/9/2017						1.7
4/4/2017	5.1	1.5	1.6			
4/6/2017				7.4	4	
4/7/2017						1.7
6/20/2017	5.2	1.5	1.6			
6/21/2017					3.3	
6/22/2017				7.8		1.6
10/4/2017	5.2					
10/5/2017		1.5	1.5		3.3	
10/6/2017				9.1		1.6
3/20/2018	5.6	1.4	1.5			
3/21/2018				13	3.6	
3/22/2018						1.6
10/2/2018	6.3	1.5	1.6		3.1	
10/3/2018				13		
10/4/2018						1.7
3/26/2019	5.5	1.3	1.5	9.2		
3/27/2019					3	1.7
9/10/2019	5.2	1.3	1.4	5.1		
9/11/2019					3.4	2.1
3/18/2020	5.4	2	1.7		3.4	
3/19/2020				8.7		2.1
9/9/2020	6.1	1.3	1.6		3.2	
9/10/2020				9.7		2.5
4/1/2021	7	1.5	1.8		4.3	2.9
4/2/2021				11		
8/11/2021	7.2	1.4	1.8			3
8/12/2021				12	4.1	
2/15/2022	6.5	1.4	1.6	11	3.7	2.7
8/24/2022		1.4				
8/25/2022	6.9		1.6	11	4.2	3
2/27/2023				16	4.2	3.5
2/28/2023	6.3	1.4	1.7			
5/2/2023				24		
8/3/2023	6.3	1.3	1.6			

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 8/12/2025 1:22 PM View: Appendix III - Interwell Two-Step

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-17 (bg)	GWA-16 (bg)	GWC-4	GWC-9	GWC-7
8/8/2023				16	4	3.8
2/28/2024		1.4	1.6			
2/29/2024				21		4.8
3/1/2024					5.2	
3/4/2024	5.6					
5/20/2024				28		
8/6/2024	6	1.4	1.7		5.2	4.9
8/7/2024				19		
2/24/2025					6.3	6.5
2/25/2025	5.7		1.6	28		
2/26/2025		1.5				

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 8/12/2025 1:22 PM View: Appendix III - Interwell Two-Step

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17 (bg)	GWA-15 (bg)	GWA-16 (bg)	GWC-7	GWC-9	GWC-18	GWC-6
5/8/2010	5.2						
5/9/2010		4.81	5.94				
5/10/2010				5.95	5.99	5.76	
5/11/2010							5.52
6/16/2010	5.93		6.4		5.97	6.38	
6/18/2010		5.6		6.52			6.35
7/26/2010	6.03					6.52	
7/27/2010			6.53		6.69		6.48
7/28/2010		5.92		6.58			
9/7/2010	6.23		6.06			5.74	
9/8/2010					6.15		
9/9/2010		4.89		5.81			5.5
4/29/2011	5.68		6.18		6.31	6.19	
4/30/2011		5.27		6.25			6.09
10/27/2011					6.72		
10/28/2011	5.89	5.45	6.63			6.39	
10/29/2011				6.52			6.41
5/2/2012	5.74	5.8	6.25			6.22	
5/3/2012					6.74		
5/4/2012				6.34			6.2
11/9/2012	5.75	5.3	6.31			6.3	
11/10/2012				6.31			6.17
11/11/2012					6.59		
5/8/2013	5.53	5.76	6.34			6.07	
5/9/2013				6.2	6.67		6.13
11/5/2013		5.08					
11/6/2013	5.92		6.6		6.38	6.45	
11/7/2013				6.21			6.06
5/20/2014	5.635 (D)	5.26 (D)	6.16 (D)				
5/21/2014				6.18 (D)	6.355 (D)		6.045 (D)
5/23/2014						6.09 (D)	
11/8/2014	6.04		6.52			6.42	
11/9/2014							6.36
11/12/2014		5.7			6.81		
5/22/2015	5.87	5.52	6.3			6.26	
5/23/2015					6.42		
5/24/2015				6.32			6.17
11/9/2015	5.97		5.63				
11/10/2015						6.29	
11/11/2015		5.63	6.36	6.35			6.19
11/12/2015					6.7		
4/6/2016	5.96	5.5	6.46				
4/11/2016						6.3	
4/12/2016							6.22
4/13/2016				6.42	6.59		
6/15/2016	5.96	5.52	6.39				
6/16/2016						6.34	
6/20/2016				6.4			6.2
6/22/2016					6.49		
8/10/2016	5.94	5.5	6.39				
8/11/2016						6.28	
8/12/2016							6.17

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 8/12/2025 1:22 PM View: Appendix III - Interwell Two-Step

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17 (bg)	GWA-15 (bg)	GWA-16 (bg)	GWC-7	GWC-9	GWC-18	GWC-6
8/15/2016				6.31	6.61		
10/4/2016		5.56	6.4				
10/5/2016	5.86					6.27	
10/6/2016				6.27	6.55		6.14
11/29/2016	5.82		6.36			6.39	
11/30/2016		5.46					6.14
12/1/2016				6.28	6.59		
2/7/2017	6.15	5.28	6.45				
2/8/2017					6.63	6.35	
2/9/2017				6.32			6.18
4/1/2017		5.48					
4/4/2017	6	5.48	6.37				
4/6/2017					6.58	6.26	6.17
4/7/2017				6.28			
6/20/2017	6.34	5.44	6.4				
6/21/2017					6.56	6.24	6.17
6/22/2017				6.29			
10/4/2017		5.44					
10/5/2017	5.93		6.42		6.58	6.31	
10/6/2017				5.96			6.19
3/20/2018	5.97	5.48	6.36			6.34	
3/21/2018					6.76		6.21
3/22/2018				6.34			
10/2/2018	6.03	5.49	6.38		6.65	6.38	
10/3/2018							6.22
10/4/2018				6.36			
3/26/2019	6.12	5.41	6.42			6.38	6.25
3/27/2019				6.38	6.7		
9/10/2019	6.31	5.41					
9/11/2019				6.35	6.63	6.37	6.23
3/18/2020	6.03	5.42	6.29		6.61	6.32	6.19
3/19/2020				6.41			
9/9/2020	6.05	5.71	6.33		6.8	6.3	
9/10/2020				6.32			6.43
4/1/2021	6.14	5.31	6.44	6.4	6.28	6.37	
4/5/2021							6.36
6/2/2021							6.09
8/11/2021	6.14	5.5	6.35	6.26		6.43	6.14
8/12/2021					6.66		
2/15/2022	6.2	5.4	6.46	6.22	6.61		6.1
2/16/2022						6.54	
5/12/2022						6.39	
8/24/2022	6.22						
8/25/2022		5.4	6.42	6.31	6.48	6.45	6.13
12/28/2022					6.62		
2/27/2023				6.35	6.57		6.16
2/28/2023	6.19	5.4	6.45			6.36	
5/2/2023				6.38			
8/3/2023	6.22	5.48	6.24				
8/8/2023				6.48	6.63		6.37
8/9/2023						6.41	
2/28/2024	6.41		6.49				

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 8/12/2025 1:22 PM View: Appendix III - Interwell Two-Step

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17 (bg)	GWA-15 (bg)	GWA-16 (bg)	GWC-7	GWC-9	GWC-18	GWC-6
2/29/2024				6.57		6.51	6.37
3/1/2024					6.82		
3/4/2024		5.24					
5/7/2024				6.3			
5/20/2024							6.16
8/6/2024	6.21	5.48	6.35	6.25	6.47	6.3	
8/7/2024							6.19
11/6/2024				6.51	6.58		6.4
2/24/2025				6.67	7.14		6.5
2/25/2025		5.43	6.76			6.69	
2/26/2025	6.65						

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 8/12/2025 1:22 PM View: Appendix III - Interwell Two-Step

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-17 (bg)	GWA-16 (bg)	GWC-3	GWC-4	GWC-6	GWC-7	GWC-9
4/6/2016	0.799 (J)	<1	<1					
4/12/2016				0.419 (J)	3.56	7.55		
4/13/2016							<1	8.66
6/15/2016	0.32 (J)	0.18 (J)	0.22 (J)					
6/20/2016				0.6 (J)	2.4	14	0.36 (J)	
6/22/2016								6.3
8/10/2016	<1	<1	<1					
8/15/2016							<1	8
8/16/2016				<1	1.7	12		
10/4/2016	<1		<1					
10/5/2016		<1		<1				
10/6/2016					1.2	13	<1	10
11/29/2016		<1	<1					
11/30/2016	<1			1.1	1.2	14		
12/1/2016							<1	15
2/7/2017	0.8 (J)	<1	<1					
2/8/2017				<1	4.6			13
2/9/2017						9.5	<1	
4/4/2017	<1	<1	<1					
4/6/2017				<1	4.1	9.7		14
4/7/2017							<1	
6/20/2017	<1	<1	<1					
6/21/2017				<1		13		11
6/22/2017					3.4		<1	
10/4/2017	<1							
10/5/2017		<1	<1	<1				10
10/6/2017					3	7.3	<1	
3/20/2018	1.2	<1	<1					
3/21/2018				<1	4.9	9.5		12
3/22/2018							<1	
10/2/2018	<1	<1	<1					8.2
10/3/2018				<1	2.9	10		
10/4/2018							<1	
3/26/2019	2.1	0.58 (J)	<1	0.47 (J)	3.2	6.3		
3/27/2019							0.51 (J)	6.8
9/10/2019	0.65 (J)	0.44 (J)	<1	0.7 (J)	1.7			
9/11/2019						12	0.52 (J)	9.6
3/18/2020	3.1	0.51 (J)	0.67 (J)	0.6 (J)		5.6		6.9
3/19/2020					4.6		0.54 (J)	
9/9/2020	1.6	<1	<1					8.4
9/10/2020				<1	1.6	9.4	<1	
4/1/2021	2.7	<1	<1				<1	9.7
4/2/2021					4.6			
4/6/2021				<1				
6/2/2021						13		
8/11/2021	1.3	<1	<1			11	<1	
8/12/2021				<1	3.5			9.7
2/15/2022	2.6	<1	<1	0.91 (J)	20	13	<1	7.2
5/12/2022					33			
8/24/2022		<1						
8/25/2022	1.9		<1	0.99 (J)	19	12	<1	19
12/28/2022					32			

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 8/12/2025 1:22 PM View: Appendix III - Interwell Two-Step

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-17 (bg)	GWA-16 (bg)	GWC-3	GWC-4	GWC-6	GWC-7	GWC-9
2/27/2023					56	13	1.4	13
2/28/2023	3.5	1.3	1.4	4.7				
5/2/2023				4.2				
8/3/2023	1.7	<1	0.4 (J)					
8/8/2023					53	6.5	<1	13
8/9/2023				3.6				
10/4/2023				3.1				
2/28/2024		<1	<1					
2/29/2024					84	25	1.5	
3/1/2024								17
3/4/2024	2.8			10				
5/20/2024				0.64 (J)		18		
8/6/2024	1.3	<1	<1				1.4	22
8/7/2024				15	73	13		
11/6/2024								30
11/7/2024				18				
2/24/2025						30	3.5	19
2/25/2025	3.6		<1	20	150			
2/26/2025		<1						

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 8/12/2025 1:22 PM View: Appendix III - Interwell Two-Step

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-17 (bg)	GWA-16 (bg)	GWC-4	GWC-3
4/6/2016	38	61	84		
4/12/2016				80	92
6/15/2016	<10	113	139		
6/20/2016				111	78
8/10/2016	56	74	80		
8/16/2016				100	76
10/4/2016	48		62		
10/5/2016		44			64
10/6/2016				110	
11/29/2016		58	110		
11/30/2016	46			110	82
2/7/2017	18	4 (J)	70		
2/8/2017				120	92
4/4/2017	32	78	120		
4/6/2017				130	88
6/20/2017	38	50	76		
6/21/2017					88
6/22/2017				110	
10/4/2017	42				
10/5/2017		64	110		86
10/6/2017				120	
3/20/2018	20	90	110		
3/21/2018				160	98
10/2/2018	48	90	110		
10/3/2018				120	60
3/26/2019	45	82	100	130	86
9/10/2019	42	51	75	93	66
3/18/2020	43	75	93		72
3/19/2020				130	
9/9/2020	<10	64	66		
9/10/2020				130	59
4/1/2021	55	68	100		
4/2/2021				150	
4/6/2021					81
8/11/2021	55	94	100		
8/12/2021				130	89
2/15/2022	42	79	99	140	53
8/24/2022		110			
8/25/2022	86		130	170	110
2/27/2023				240	
2/28/2023	50	94	110		72
5/2/2023				290	
8/3/2023	53	85	110		
8/8/2023				220	
8/9/2023					88
2/28/2024		85	100		
2/29/2024				260	
3/4/2024	41				99
8/6/2024	53	86	110		
8/7/2024				250	100
2/25/2025	52		110	350	130
2/26/2025		81			

ND substitution: RL or RL/2 if <15% NDs.

FIGURE J.

Appendix I Interwell Prediction Limits - All Results (No Significant)

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 6/18/2025, 4:33 PM

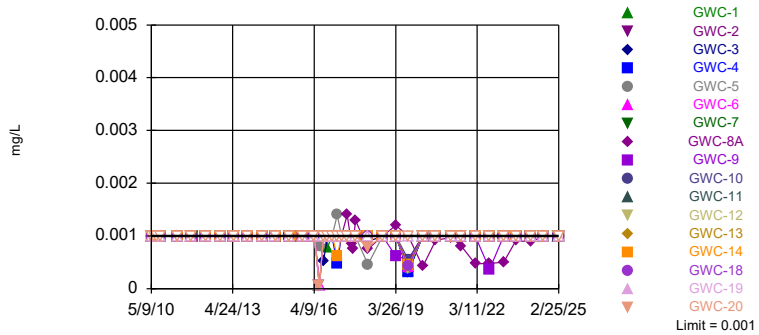
Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Arsenic (mg/L)	GWC-1	0.001	n/a	2/25/2025	0.001ND	No	114	n/a	n/a	96.49	n/a	n/a	0.0001512	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GWC-2	0.001	n/a	2/25/2025	0.001ND	No	114	n/a	n/a	96.49	n/a	n/a	0.0001512	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GWC-3	0.001	n/a	2/25/2025	0.001ND	No	114	n/a	n/a	96.49	n/a	n/a	0.0001512	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GWC-4	0.001	n/a	2/25/2025	0.001ND	No	114	n/a	n/a	96.49	n/a	n/a	0.0001512	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GWC-5	0.001	n/a	2/25/2025	0.001ND	No	114	n/a	n/a	96.49	n/a	n/a	0.0001512	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GWC-6	0.001	n/a	2/24/2025	0.001ND	No	114	n/a	n/a	96.49	n/a	n/a	0.0001512	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GWC-7	0.001	n/a	2/24/2025	0.001ND	No	114	n/a	n/a	96.49	n/a	n/a	0.0001512	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GWC-8A	0.001	n/a	2/24/2025	0.001ND	No	114	n/a	n/a	96.49	n/a	n/a	0.0001512	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GWC-9	0.001	n/a	2/24/2025	0.001ND	No	114	n/a	n/a	96.49	n/a	n/a	0.0001512	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GWC-10	0.001	n/a	2/24/2025	0.001ND	No	114	n/a	n/a	96.49	n/a	n/a	0.0001512	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GWC-11	0.001	n/a	2/24/2025	0.001ND	No	114	n/a	n/a	96.49	n/a	n/a	0.0001512	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GWC-12	0.001	n/a	2/24/2025	0.001ND	No	114	n/a	n/a	96.49	n/a	n/a	0.0001512	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GWC-13	0.001	n/a	2/24/2025	0.001ND	No	114	n/a	n/a	96.49	n/a	n/a	0.0001512	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GWC-14	0.001	n/a	2/25/2025	0.001ND	No	114	n/a	n/a	96.49	n/a	n/a	0.0001512	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GWC-18	0.001	n/a	2/25/2025	0.001ND	No	114	n/a	n/a	96.49	n/a	n/a	0.0001512	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GWC-19	0.001	n/a	2/25/2025	0.001ND	No	114	n/a	n/a	96.49	n/a	n/a	0.0001512	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GWC-20	0.001	n/a	2/25/2025	0.001ND	No	114	n/a	n/a	96.49	n/a	n/a	0.0001512	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-1	0.001	n/a	2/25/2025	0.001ND	No	99	n/a	n/a	100	n/a	n/a	0.0001956	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-2	0.001	n/a	2/25/2025	0.001ND	No	99	n/a	n/a	100	n/a	n/a	0.0001956	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-3	0.001	n/a	2/25/2025	0.001ND	No	99	n/a	n/a	100	n/a	n/a	0.0001956	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-4	0.001	n/a	2/25/2025	0.001ND	No	99	n/a	n/a	100	n/a	n/a	0.0001956	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-5	0.001	n/a	2/25/2025	0.001ND	No	99	n/a	n/a	100	n/a	n/a	0.0001956	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-6	0.001	n/a	2/24/2025	0.001ND	No	99	n/a	n/a	100	n/a	n/a	0.0001956	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-7	0.001	n/a	2/24/2025	0.001ND	No	99	n/a	n/a	100	n/a	n/a	0.0001956	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-8A	0.001	n/a	2/24/2025	0.001ND	No	99	n/a	n/a	100	n/a	n/a	0.0001956	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-9	0.001	n/a	2/24/2025	0.001ND	No	99	n/a	n/a	100	n/a	n/a	0.0001956	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-10	0.001	n/a	2/24/2025	0.001ND	No	99	n/a	n/a	100	n/a	n/a	0.0001956	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-11	0.001	n/a	2/24/2025	0.001ND	No	99	n/a	n/a	100	n/a	n/a	0.0001956	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-12	0.001	n/a	2/24/2025	0.001ND	No	99	n/a	n/a	100	n/a	n/a	0.0001956	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-13	0.001	n/a	2/24/2025	0.001ND	No	99	n/a	n/a	100	n/a	n/a	0.0001956	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-14	0.001	n/a	2/25/2025	0.001ND	No	99	n/a	n/a	100	n/a	n/a	0.0001956	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-18	0.001	n/a	2/25/2025	0.001ND	No	99	n/a	n/a	100	n/a	n/a	0.0001956	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-19	0.001	n/a	2/25/2025	0.001ND	No	99	n/a	n/a	100	n/a	n/a	0.0001956	NP Inter (NDs) 1 of 2
Silver (mg/L)	GWC-20	0.001	n/a	2/25/2025	0.001ND	No	99	n/a	n/a	100	n/a	n/a	0.0001956	NP Inter (NDs) 1 of 2

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 114 background values. 96.49% NDs. Annual per-constituent alpha = 0.005128. Individual comparison alpha = 0.0001512 (1 of 2). Comparing 17 points to limit.

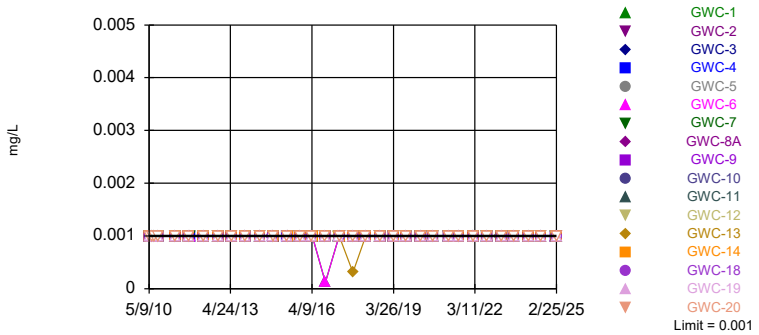
Constituent: Arsenic Analysis Run 6/18/2025 4:32 PM View: Appendix I - Interwell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 99) were censored; limit is most recent reporting limit. Annual per-constituent alpha = 0.006628. Individual comparison alpha = 0.0001956 (1 of 2). Comparing 17 points to limit.

Constituent: Silver Analysis Run 6/18/2025 4:32 PM View: Appendix I - Interwell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 6/18/2025 4:33 PM View: Appendix I - Interwell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17 (bg)	GWA-15 (bg)	GWC-14	GWA-16 (bg)	GWC-13	GWC-12	GWC-18	GWC-10	GWC-9
5/8/2010	<0.001								
5/9/2010		<0.001	<0.001	<0.001	<0.001	<0.001			
5/10/2010							<0.001	<0.001	<0.001
5/11/2010									
6/16/2010	<0.001			<0.001			<0.001	<0.001	<0.001
6/17/2010									
6/18/2010		<0.001	<0.001		<0.001	<0.001			
6/19/2010									
7/26/2010	<0.001						<0.001		
7/27/2010				<0.001		<0.001			<0.001
7/28/2010		<0.001	<0.001					<0.001	
7/29/2010					<0.001				
9/7/2010	<0.001			<0.001			<0.001		
9/8/2010						<0.001		<0.001	<0.001
9/9/2010		<0.001	<0.001		<0.001				
4/26/2011					<0.001				
4/28/2011									
4/29/2011	<0.001			<0.001		<0.001	<0.001	<0.001	<0.001
4/30/2011		<0.001	<0.001						
10/27/2011								<0.001	<0.001
10/28/2011	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		
10/29/2011									
5/2/2012	<0.001	<0.001		<0.001			<0.001		
5/3/2012			<0.001			<0.001			<0.001
5/4/2012					<0.001			<0.001	
11/9/2012	<0.001	<0.001		<0.001			<0.001		
11/10/2012			<0.001			<0.001			
11/11/2012					<0.001			<0.001	<0.001
5/8/2013	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001		
5/9/2013						<0.001		<0.001	<0.001
5/10/2013									
11/5/2013		<0.001	<0.001					<0.001	
11/6/2013	<0.001			<0.001		<0.001	<0.001		<0.001
11/7/2013					<0.001				
5/20/2014	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			
5/21/2014								<0.001	<0.001
5/22/2014									
5/23/2014							<0.001		
11/8/2014	<0.001			<0.001			<0.001		
11/9/2014									
11/12/2014		<0.001	<0.001		<0.001	<0.001		<0.001	<0.001
11/13/2014									
5/22/2015	<0.001	<0.001		<0.001			<0.001		
5/23/2015						<0.001		<0.001	<0.001
5/24/2015			<0.001		<0.001				
11/9/2015	<0.001			<0.001					
11/10/2015							<0.001		
11/11/2015		<0.001	<0.001						
11/12/2015					<0.001	<0.001		<0.001	<0.001
4/6/2016	<0.001	<0.001		<0.001					
4/11/2016							<0.001		
4/12/2016									

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 6/18/2025 4:33 PM View: Appendix I - Interwell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17 (bg)	GWA-15 (bg)	GWC-14	GWA-16 (bg)	GWC-13	GWC-12	GWC-18	GWC-10	GWC-9
4/13/2016			<0.001		<0.001	<0.001		<0.001	<0.001
4/19/2016									
6/15/2016	<0.001	<0.001		<0.001					
6/16/2016							<0.001		
6/20/2016									
6/21/2016			<0.001		<0.001	<0.001		<0.001	
6/22/2016									<0.001
8/10/2016	<0.001	<0.001		<0.001					
8/11/2016							<0.001		
8/12/2016									
8/15/2016			<0.001		<0.001	<0.001		<0.001	<0.001
8/16/2016									
10/4/2016		<0.001	<0.001	<0.001					
10/5/2016	<0.001					<0.001	<0.001	<0.001	
10/6/2016									<0.001
10/7/2016					<0.001				
10/10/2016									
11/29/2016	<0.001			<0.001			<0.001		
11/30/2016		<0.001							
12/1/2016			<0.001		<0.001	<0.001		<0.001	<0.001
2/7/2017	<0.001	0.0009 (J)	0.00062 (J)	<0.001					
2/8/2017						<0.001	<0.001	<0.001	<0.001
2/9/2017					<0.001				
4/4/2017	<0.001	<0.001		<0.001					
4/5/2017						<0.001			
4/6/2017			<0.001		<0.001		<0.001	<0.001	<0.001
4/7/2017									
6/20/2017	<0.001	<0.001	<0.001	<0.001		<0.001			
6/21/2017							<0.001	<0.001	<0.001
6/22/2017					<0.001				
8/15/2017									
9/1/2017									
10/4/2017		<0.001							
10/5/2017	<0.001		<0.001	<0.001		<0.001	<0.001	<0.001	<0.001
10/6/2017					<0.001				
10/9/2017									
3/20/2018	<0.001	<0.001	<0.001	<0.001			<0.001		
3/21/2018						<0.001		<0.001	<0.001
3/22/2018					<0.001				
10/2/2018	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001
10/3/2018					<0.001				
10/4/2018									
3/26/2019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		
3/27/2019								<0.001	0.00062 (J)
9/10/2019	0.00069 (J)	0.00032 (J)		0.00049 (J)					
9/11/2019			0.00045 (J)		0.00042 (J)	0.00038 (J)	0.00043 (J)	0.00055 (J)	0.00055 (J)
9/12/2019									
3/18/2020	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
3/19/2020									
9/9/2020	<0.001	<0.001	<0.001	<0.001			<0.001	<0.001	<0.001
9/10/2020					<0.001	<0.001			
4/1/2021	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 6/18/2025 4:33 PM View: Appendix I - Interwell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17 (bg)	GWA-15 (bg)	GWC-14	GWA-16 (bg)	GWC-13	GWC-12	GWC-18	GWC-10	GWC-9
4/2/2021									
4/5/2021									
4/6/2021					<0.001				
8/11/2021	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		
8/12/2021									<0.001
8/17/2021								<0.001	
8/18/2021									
2/15/2022	<0.001	<0.001		<0.001				<0.001	<0.001
2/16/2022			<0.001		<0.001	<0.001	<0.001		
8/24/2022	<0.001								
8/25/2022		<0.001		<0.001			<0.001	<0.001	0.00037 (J)
8/26/2022			<0.001		<0.001	<0.001			
2/21/2023								<0.001	
2/27/2023			<0.001		<0.001	<0.001			<0.001
2/28/2023	<0.001	<0.001		<0.001			<0.001		
8/3/2023	<0.001	<0.001		<0.001					
8/8/2023									<0.001
8/9/2023			<0.001		<0.001	<0.001	<0.001	<0.001	
2/28/2024	<0.001			<0.001					
2/29/2024						<0.001	<0.001		
3/1/2024			<0.001		<0.001			<0.001	<0.001
3/4/2024		<0.001							
8/6/2024	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
8/7/2024									
8/8/2024			<0.001						
2/24/2025					<0.001	<0.001		<0.001	<0.001
2/25/2025		<0.001	<0.001	<0.001			<0.001		
2/26/2025	<0.001								

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 6/18/2025 4:33 PM View: Appendix I - Interwell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-11	GWC-7	GWC-8A	GWC-2	GWC-3	GWC-4	GWC-1	GWC-19	GWC-20
5/8/2010									
5/9/2010									
5/10/2010	<0.001	<0.001	<0.001						
5/11/2010				<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
6/16/2010	<0.001							<0.001	
6/17/2010					<0.001	<0.001	<0.001		<0.001
6/18/2010		<0.001							
6/19/2010			<0.001	<0.001					
7/26/2010									
7/27/2010	<0.001			<0.001			<0.001	<0.001	<0.001
7/28/2010		<0.001	<0.001		<0.001	<0.001			
7/29/2010									
9/7/2010					<0.001			<0.001	<0.001
9/8/2010	<0.001		<0.001			<0.001			
9/9/2010		<0.001		<0.001			<0.001		
4/26/2011									
4/28/2011				<0.001		<0.001	<0.001		
4/29/2011	<0.001				<0.001			<0.001	<0.001
4/30/2011		<0.001	<0.001						
10/27/2011	<0.001		<0.001						
10/28/2011				<0.001	<0.001			<0.001	<0.001
10/29/2011		<0.001				<0.001	<0.001		
5/2/2012								<0.001	
5/3/2012				<0.001	<0.001	<0.001	<0.001		<0.001
5/4/2012	<0.001	<0.001	<0.001						
11/9/2012				<0.001	<0.001		<0.001	<0.001	
11/10/2012	<0.001	<0.001				<0.001			<0.001
11/11/2012			<0.001						
5/8/2013									
5/9/2013	<0.001	<0.001		<0.001			<0.001	<0.001	<0.001
5/10/2013			<0.001		<0.001	<0.001			
11/5/2013				<0.001			<0.001		
11/6/2013	<0.001				<0.001	<0.001		<0.001	<0.001
11/7/2013		<0.001	<0.001						
5/20/2014	<0.001								
5/21/2014		<0.001	<0.001						
5/22/2014				<0.001	<0.001	<0.001		<0.001	<0.001
5/23/2014							<0.001		
11/8/2014								<0.001	
11/9/2014					<0.001	<0.001			<0.001
11/12/2014	<0.001	<0.001							
11/13/2014			<0.001	<0.001			<0.001		
5/22/2015					<0.001	<0.001		<0.001	<0.001
5/23/2015			<0.001				<0.001		
5/24/2015	<0.001	<0.001		<0.001					
11/9/2015									
11/10/2015					<0.001			<0.001	<0.001
11/11/2015		<0.001	<0.001	<0.001		<0.001	<0.001		
11/12/2015	<0.001								
4/6/2016									
4/11/2016								<0.001	
4/12/2016				<0.001	<0.001	<0.001	<0.001		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 6/18/2025 4:33 PM View: Appendix I - Interwell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-11	GWC-7	GWC-8A	GWC-2	GWC-3	GWC-4	GWC-1	GWC-19	GWC-20
4/13/2016	<0.001	<0.001							
4/19/2016			<0.001						
6/15/2016									
6/16/2016				5.5E-05 (J)			6E-05 (J)	5.1E-05 (J)	5.4E-05 (J)
6/20/2016		<0.001			<0.001	<0.001			
6/21/2016	<0.001								
6/22/2016									
8/10/2016									
8/11/2016				<0.001			<0.001	<0.001	<0.001
8/12/2016					0.00053 (J)	<0.001			
8/15/2016	<0.001	<0.001							
8/16/2016									
10/4/2016				<0.001			0.00079 (J)		
10/5/2016	<0.001				<0.001			<0.001	<0.001
10/6/2016		<0.001				<0.001			
10/7/2016									
10/10/2016			<0.001						
11/29/2016								<0.001	
11/30/2016				<0.001	<0.001	<0.001	<0.001		<0.001
12/1/2016	<0.001	<0.001	<0.001						
2/7/2017				<0.001			<0.001		
2/8/2017	<0.001				<0.001	0.00047 (J)		<0.001	<0.001
2/9/2017		<0.001	0.001 (J)						
4/4/2017									
4/5/2017							<0.001	<0.001	
4/6/2017	<0.001			<0.001	<0.001	<0.001			<0.001
4/7/2017		<0.001	<0.001						
6/20/2017	<0.001			<0.001			<0.001		
6/21/2017			0.0014		<0.001			<0.001	<0.001
6/22/2017		<0.001				<0.001			
8/15/2017			0.00086 (J)						
9/1/2017			0.00075 (J)						
10/4/2017				<0.001			<0.001		
10/5/2017	<0.001				<0.001			<0.001	<0.001
10/6/2017		<0.001				<0.001			
10/9/2017			0.0013						
3/20/2018				<0.001			<0.001	<0.001	
3/21/2018	<0.001				0.00089 (J)	<0.001			0.00078 (J)
3/22/2018		<0.001	0.00075 (J)						
10/2/2018	<0.001			<0.001			<0.001	<0.001	
10/3/2018					<0.001	<0.001			<0.001
10/4/2018		<0.001	<0.001						
3/26/2019				<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
3/27/2019	<0.001	<0.001	0.0012 (J)						
9/10/2019				0.00038 (J)	0.00032 (J)	0.00032 (J)	0.00033 (J)		
9/11/2019	0.00045 (J)	0.00038 (J)	0.001 (J)						
9/12/2019								<0.001	<0.001
3/18/2020	<0.001		0.00042 (J)	<0.001	<0.001		<0.001		
3/19/2020		<0.001				<0.001		<0.001	<0.001
9/9/2020			0.00092 (J)	<0.001			<0.001	<0.001	
9/10/2020	<0.001	<0.001			<0.001	<0.001			<0.001
4/1/2021	<0.001	<0.001		<0.001			<0.001		

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 6/18/2025 4:33 PM View: Appendix I - Interwell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-11	GWC-7	GWC-8A	GWC-2	GWC-3	GWC-4	GWC-1	GWC-19	GWC-20
4/2/2021						<0.001			
4/5/2021			0.00097 (J)					<0.001	<0.001
4/6/2021					<0.001				
8/11/2021	<0.001	<0.001						<0.001	<0.001
8/12/2021			0.00081 (J)	<0.001	<0.001	<0.001			
8/17/2021									
8/18/2021							<0.001		
2/15/2022		<0.001	0.00047 (J)	<0.001	<0.001	<0.001	<0.001		
2/16/2022	<0.001							<0.001	<0.001
8/24/2022							<0.001		
8/25/2022	<0.001	<0.001	0.00048 (J)		<0.001	<0.001		<0.001	<0.001
8/26/2022				<0.001					
2/21/2023									
2/27/2023	<0.001	<0.001	0.0005 (J)	<0.001		<0.001	<0.001		
2/28/2023					<0.001			<0.001	<0.001
8/3/2023									
8/8/2023		<0.001	0.00091 (J)			<0.001		<0.001	<0.001
8/9/2023	<0.001			<0.001	<0.001		<0.001		
2/28/2024									
2/29/2024	<0.001	<0.001	0.00089 (J)			<0.001		<0.001	
3/1/2024				<0.001			<0.001		<0.001
3/4/2024					<0.001				
8/6/2024	<0.001	<0.001	<0.001	<0.001			<0.001	<0.001	<0.001
8/7/2024					<0.001	<0.001			
8/8/2024									
2/24/2025	<0.001	<0.001	<0.001						
2/25/2025				<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2/26/2025									

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 6/18/2025 4:33 PM View: Appendix I - Interwell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-6	GWC-5
5/8/2010		
5/9/2010		
5/10/2010		
5/11/2010	<0.001	<0.001
6/16/2010		
6/17/2010		
6/18/2010	<0.001	<0.001
6/19/2010		
7/26/2010		
7/27/2010	<0.001	<0.001
7/28/2010		
7/29/2010		
9/7/2010		
9/8/2010		
9/9/2010	<0.001	<0.001
4/26/2011		
4/28/2011		
4/29/2011		<0.001
4/30/2011	<0.001	
10/27/2011		
10/28/2011		<0.001
10/29/2011	<0.001	
5/2/2012		
5/3/2012		
5/4/2012	<0.001	<0.001
11/9/2012		
11/10/2012	<0.001	<0.001
11/11/2012		
5/8/2013		
5/9/2013	<0.001	<0.001
5/10/2013		
11/5/2013		
11/6/2013		<0.001
11/7/2013	<0.001	
5/20/2014		
5/21/2014	<0.001	
5/22/2014		<0.001
5/23/2014		
11/8/2014		
11/9/2014	<0.001	<0.001
11/12/2014		
11/13/2014		
5/22/2015		
5/23/2015		
5/24/2015	<0.001	<0.001
11/9/2015		
11/10/2015		
11/11/2015	<0.001	<0.001
11/12/2015		
4/6/2016		
4/11/2016		
4/12/2016	<0.001	

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 6/18/2025 4:33 PM View: Appendix I - Interwell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-6	GWC-5
4/13/2016		
4/19/2016		<0.001
6/15/2016		
6/16/2016		
6/20/2016	6.3E-05 (J)	
6/21/2016		
6/22/2016		0.0008 (J)
8/10/2016		
8/11/2016		
8/12/2016	<0.001	
8/15/2016		
8/16/2016		<0.001
10/4/2016		
10/5/2016		
10/6/2016	<0.001	<0.001
10/7/2016		
10/10/2016		
11/29/2016		
11/30/2016	<0.001	
12/1/2016		<0.001
2/7/2017		
2/8/2017		
2/9/2017	<0.001	0.0014
4/4/2017		
4/5/2017		
4/6/2017	<0.001	<0.001
4/7/2017		
6/20/2017		
6/21/2017	<0.001	<0.001
6/22/2017		
8/15/2017		
9/1/2017		
10/4/2017		
10/5/2017		<0.001
10/6/2017	<0.001	
10/9/2017		
3/20/2018		
3/21/2018	<0.001	
3/22/2018		0.00046 (J)
10/2/2018		
10/3/2018	<0.001	<0.001
10/4/2018		
3/26/2019	<0.001	
3/27/2019		<0.001
9/10/2019		
9/11/2019	0.00041 (J)	0.00038 (J)
9/12/2019		
3/18/2020	<0.001	<0.001
3/19/2020		
9/9/2020		<0.001
9/10/2020	<0.001	
4/1/2021		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 6/18/2025 4:33 PM View: Appendix I - Interwell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-6	GWC-5
4/2/2021		
4/5/2021	<0.001	
4/6/2021		
8/11/2021	<0.001	
8/12/2021		<0.001
8/17/2021		
8/18/2021		
2/15/2022	<0.001	<0.001
2/16/2022		
8/24/2022		
8/25/2022	<0.001	<0.001
8/26/2022		
2/21/2023		
2/27/2023	<0.001	
2/28/2023		<0.001
8/3/2023		
8/8/2023	<0.001	<0.001
8/9/2023		
2/28/2024		
2/29/2024	<0.001	<0.001
3/1/2024		
3/4/2024		
8/6/2024		<0.001
8/7/2024	<0.001	
8/8/2024		
2/24/2025	<0.001	
2/25/2025		<0.001
2/26/2025		

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 6/18/2025 4:33 PM View: Appendix I - Interwell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17 (bg)	GWA-15 (bg)	GWC-13	GWC-14	GWA-16 (bg)	GWC-12	GWC-10	GWC-9	GWC-11
5/8/2010	<0.001								
5/9/2010		<0.001	<0.001	<0.001	<0.001	<0.001			
5/10/2010							<0.001	<0.001	<0.001
5/11/2010									
6/16/2010	<0.001				<0.001		<0.001	<0.001	<0.001
6/17/2010									
6/18/2010		<0.001	<0.001	<0.001		<0.001			
6/19/2010									
7/26/2010	<0.001								
7/27/2010					<0.001	<0.001		<0.001	<0.001
7/28/2010		<0.001		<0.001			<0.001		
7/29/2010			<0.001						
9/7/2010	<0.001				<0.001				
9/8/2010						<0.001	<0.001	<0.001	<0.001
9/9/2010		<0.001	<0.001	<0.001					
4/26/2011			<0.001						
4/28/2011									
4/29/2011	<0.001				<0.001	<0.001	<0.001	<0.001	<0.001
4/30/2011		<0.001		<0.001					
10/27/2011							<0.001	<0.001	<0.001
10/28/2011	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			
10/29/2011									
5/2/2012	<0.001	<0.001			<0.001				
5/3/2012				<0.001		<0.001		<0.001	
5/4/2012			<0.001				<0.001		<0.001
11/9/2012	<0.001	<0.001			<0.001				
11/10/2012				<0.001		<0.001			<0.001
11/11/2012			<0.001				<0.001	<0.001	
5/8/2013	<0.001	<0.001	<0.001	<0.001	<0.001				
5/9/2013						<0.001	<0.001	<0.001	<0.001
5/10/2013									
11/5/2013		<0.001		<0.001			<0.001		
11/6/2013	<0.001				<0.001	<0.001		<0.001	<0.001
11/7/2013			<0.001						
5/20/2014	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			<0.001
5/21/2014							<0.001	<0.001	
5/22/2014									
5/23/2014									
11/8/2014	<0.001				<0.001				
11/9/2014									
11/12/2014		<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001
11/13/2014									
5/22/2015	<0.001	<0.001			<0.001				
5/23/2015						<0.001	<0.001	<0.001	
5/24/2015			<0.001	<0.001					<0.001
11/9/2015	<0.001				<0.001				
11/10/2015									
11/11/2015		<0.001		<0.001					
11/12/2015			<0.001			<0.001	<0.001	<0.001	<0.001
4/6/2016	<0.001	<0.001			<0.001				
4/11/2016									
4/12/2016									

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 6/18/2025 4:33 PM View: Appendix I - Interwell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17 (bg)	GWA-15 (bg)	GWC-13	GWC-14	GWA-16 (bg)	GWC-12	GWC-10	GWC-9	GWC-11
4/13/2016			<0.001	<0.001		<0.001	<0.001	<0.001	<0.001
4/19/2016									
10/4/2016		<0.001		<0.001	<0.001				
10/5/2016	<0.001					<0.001	<0.001		<0.001
10/6/2016								<0.001	
10/7/2016			<0.001						
10/10/2016									
4/4/2017	<0.001	<0.001			<0.001				
4/5/2017						<0.001			
4/6/2017			<0.001	<0.001			<0.001	<0.001	<0.001
4/7/2017									
10/4/2017		<0.001							
10/5/2017	<0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
10/6/2017			0.00031 (J)						
10/9/2017									
3/20/2018	<0.001	<0.001		<0.001	<0.001				
3/21/2018						<0.001	<0.001	<0.001	<0.001
3/22/2018			<0.001						
10/2/2018	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
10/3/2018			<0.001						
10/4/2018									
3/26/2019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			
3/27/2019							<0.001	<0.001	<0.001
9/10/2019	<0.001	<0.001			<0.001				
9/11/2019			<0.001	<0.001		<0.001	<0.001	<0.001	<0.001
9/12/2019									
3/18/2020	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
3/19/2020									
9/9/2020	<0.001	<0.001		<0.001	<0.001		<0.001	<0.001	
9/10/2020			<0.001			<0.001			<0.001
4/1/2021	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
4/2/2021									
4/5/2021									
4/6/2021			<0.001						
8/11/2021	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			<0.001
8/12/2021								<0.001	
8/17/2021							<0.001		
8/18/2021									
2/15/2022	<0.001	<0.001			<0.001		<0.001	<0.001	
2/16/2022			<0.001	<0.001		<0.001			<0.001
8/24/2022	<0.001								
8/25/2022		<0.001			<0.001		<0.001	<0.001	<0.001
8/26/2022			<0.001	<0.001		<0.001			
2/21/2023							<0.001		
2/27/2023			<0.001	<0.001		<0.001		<0.001	<0.001
2/28/2023	<0.001	<0.001			<0.001				
8/3/2023	<0.001	<0.001			<0.001				
8/8/2023								<0.001	
8/9/2023			<0.001	<0.001		<0.001	<0.001		<0.001
2/28/2024	<0.001				<0.001				
2/29/2024						<0.001			<0.001
3/1/2024			<0.001	<0.001			<0.001	<0.001	

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 6/18/2025 4:33 PM View: Appendix I - Interwell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17 (bg)	GWA-15 (bg)	GWC-13	GWC-14	GWA-16 (bg)	GWC-12	GWC-10	GWC-9	GWC-11
3/4/2024		<0.001							
8/6/2024	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001
8/7/2024									
8/8/2024				<0.001					
2/24/2025			<0.001			<0.001	<0.001	<0.001	<0.001
2/25/2025		<0.001		<0.001	<0.001				
2/26/2025	<0.001								

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 6/18/2025 4:33 PM View: Appendix I - Interwell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-7	GWC-18	GWC-3	GWC-2	GWC-5	GWC-6	GWC-1	GWC-19
5/8/2010									
5/9/2010									
5/10/2010	<0.001	<0.001	<0.001						
5/11/2010				<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
6/16/2010			<0.001						<0.001
6/17/2010				<0.001				<0.001	
6/18/2010		<0.001				<0.001	<0.001		
6/19/2010	<0.001				<0.001				
7/26/2010			<0.001						
7/27/2010					<0.001	<0.001	<0.001	<0.001	<0.001
7/28/2010	<0.001	<0.001		<0.001					
7/29/2010									
9/7/2010			<0.001	<0.001					<0.001
9/8/2010	<0.001								
9/9/2010		<0.001			<0.001	<0.001	<0.001	<0.001	
4/26/2011									
4/28/2011					<0.001			<0.001	
4/29/2011			<0.001	<0.001		<0.001			<0.001
4/30/2011	<0.001	<0.001					<0.001		
10/27/2011	<0.001								
10/28/2011			<0.001	<0.001	<0.001	<0.001			<0.001
10/29/2011		<0.001					<0.001	<0.001	
5/2/2012			<0.001						<0.001
5/3/2012				<0.001	<0.001			<0.001	
5/4/2012	<0.001	<0.001				<0.001	<0.001		
11/9/2012			<0.001	<0.001	<0.001			<0.001	<0.001
11/10/2012		<0.001				<0.001	<0.001		
11/11/2012	<0.001								
5/8/2013			<0.001						
5/9/2013		<0.001			<0.001	<0.001	<0.001	<0.001	<0.001
5/10/2013	<0.001			<0.001					
11/5/2013					<0.001			<0.001	
11/6/2013			<0.001	<0.001		<0.001			<0.001
11/7/2013	<0.001	<0.001					<0.001		
5/20/2014									
5/21/2014	<0.001	<0.001					<0.001		
5/22/2014				<0.001	<0.001	<0.001			<0.001
5/23/2014			<0.001					<0.001	
11/8/2014			<0.001						<0.001
11/9/2014				<0.001		<0.001	<0.001		
11/12/2014		<0.001							
11/13/2014	<0.001				<0.001			<0.001	
5/22/2015			<0.001	<0.001					<0.001
5/23/2015	<0.001							<0.001	
5/24/2015		<0.001			<0.001	<0.001	<0.001		
11/9/2015									
11/10/2015			<0.001	<0.001					<0.001
11/11/2015	<0.001	<0.001			<0.001	<0.001	<0.001	<0.001	
11/12/2015									
4/6/2016									
4/11/2016			<0.001						<0.001
4/12/2016				<0.001	<0.001		<0.001	<0.001	

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 6/18/2025 4:33 PM View: Appendix I - Interwell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-7	GWC-18	GWC-3	GWC-2	GWC-5	GWC-6	GWC-1	GWC-19
4/13/2016		<0.001							
4/19/2016	<0.001					<0.001			
10/4/2016					<0.001			0.00012 (J)	
10/5/2016			<0.001	<0.001					<0.001
10/6/2016		<0.001				<0.001	0.00012 (J)		
10/7/2016									
10/10/2016	<0.001								
4/4/2017									
4/5/2017								<0.001	<0.001
4/6/2017			<0.001	<0.001	<0.001	<0.001	<0.001		
4/7/2017	<0.001	<0.001							
10/4/2017					<0.001			<0.001	
10/5/2017			<0.001	<0.001		<0.001			<0.001
10/6/2017		<0.001					<0.001		
10/9/2017	<0.001								
3/20/2018			<0.001		<0.001			<0.001	<0.001
3/21/2018				<0.001			<0.001		
3/22/2018	<0.001	<0.001				<0.001			
10/2/2018			<0.001		<0.001			<0.001	<0.001
10/3/2018				<0.001		<0.001	<0.001		
10/4/2018	<0.001	<0.001							
3/26/2019			<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
3/27/2019	<0.001	<0.001				<0.001			
9/10/2019				<0.001	<0.001			<0.001	
9/11/2019	<0.001	<0.001	<0.001			<0.001	<0.001		
9/12/2019									<0.001
3/18/2020	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
3/19/2020		<0.001							<0.001
9/9/2020	<0.001		<0.001		<0.001	<0.001		<0.001	<0.001
9/10/2020		<0.001		<0.001			<0.001		
4/1/2021		<0.001	<0.001		<0.001	<0.001		<0.001	
4/2/2021									
4/5/2021	<0.001						<0.001		<0.001
4/6/2021				<0.001					
8/11/2021		<0.001	<0.001				<0.001		<0.001
8/12/2021	<0.001			<0.001	<0.001	<0.001			
8/17/2021									
8/18/2021								<0.001	
2/15/2022	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	
2/16/2022			<0.001						<0.001
8/24/2022								<0.001	
8/25/2022	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001		<0.001
8/26/2022					<0.001				
2/21/2023									
2/27/2023	<0.001	<0.001			<0.001		<0.001	<0.001	
2/28/2023			<0.001	<0.001		<0.001			<0.001
8/3/2023									
8/8/2023	<0.001	<0.001				<0.001	<0.001		<0.001
8/9/2023			<0.001	<0.001	<0.001			<0.001	
2/28/2024									
2/29/2024	<0.001	<0.001	<0.001			<0.001	<0.001		<0.001
3/1/2024					<0.001			<0.001	

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 6/18/2025 4:33 PM View: Appendix I - Interwell
Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-8A	GWC-7	GWC-18	GWC-3	GWC-2	GWC-5	GWC-6	GWC-1	GWC-19
3/4/2024				<0.001					
8/6/2024	<0.001	<0.001	<0.001		<0.001	<0.001		<0.001	<0.001
8/7/2024				<0.001			<0.001		
8/8/2024									
2/24/2025	<0.001	<0.001					<0.001		
2/25/2025			<0.001	<0.001	<0.001	<0.001		<0.001	<0.001
2/26/2025									

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 6/18/2025 4:33 PM View: Appendix I - Interwell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-20
5/8/2010		
5/9/2010		
5/10/2010		
5/11/2010	<0.001	<0.001
6/16/2010		
6/17/2010	<0.001	<0.001
6/18/2010		
6/19/2010		
7/26/2010		
7/27/2010		<0.001
7/28/2010	<0.001	
7/29/2010		
9/7/2010		<0.001
9/8/2010	<0.001	
9/9/2010		
4/26/2011		
4/28/2011	<0.001	
4/29/2011		<0.001
4/30/2011		
10/27/2011		
10/28/2011		<0.001
10/29/2011	<0.001	
5/2/2012		
5/3/2012	<0.001	<0.001
5/4/2012		
11/9/2012		
11/10/2012	<0.001	<0.001
11/11/2012		
5/8/2013		
5/9/2013		<0.001
5/10/2013	<0.001	
11/5/2013		
11/6/2013	<0.001	<0.001
11/7/2013		
5/20/2014		
5/21/2014		
5/22/2014	<0.001	<0.001
5/23/2014		
11/8/2014		
11/9/2014	<0.001	<0.001
11/12/2014		
11/13/2014		
5/22/2015	<0.001	<0.001
5/23/2015		
5/24/2015		
11/9/2015		
11/10/2015		<0.001
11/11/2015	<0.001	
11/12/2015		
4/6/2016		
4/11/2016		
4/12/2016	<0.001	<0.001

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 6/18/2025 4:33 PM View: Appendix I - Interwell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-20
4/13/2016		
4/19/2016		
10/4/2016		
10/5/2016		<0.001
10/6/2016	<0.001	
10/7/2016		
10/10/2016		
4/4/2017		
4/5/2017		
4/6/2017	<0.001	<0.001
4/7/2017		
10/4/2017		
10/5/2017		<0.001
10/6/2017	<0.001	
10/9/2017		
3/20/2018		
3/21/2018	<0.001	<0.001
3/22/2018		
10/2/2018		
10/3/2018	<0.001	<0.001
10/4/2018		
3/26/2019	<0.001	<0.001
3/27/2019		
9/10/2019	<0.001	
9/11/2019		
9/12/2019		<0.001
3/18/2020		
3/19/2020	<0.001	<0.001
9/9/2020		
9/10/2020	<0.001	<0.001
4/1/2021		
4/2/2021	<0.001	
4/5/2021		<0.001
4/6/2021		
8/11/2021		<0.001
8/12/2021	<0.001	
8/17/2021		
8/18/2021		
2/15/2022	<0.001	
2/16/2022		<0.001
8/24/2022		
8/25/2022	<0.001	<0.001
8/26/2022		
2/21/2023		
2/27/2023	<0.001	
2/28/2023		<0.001
8/3/2023		
8/8/2023	<0.001	<0.001
8/9/2023		
2/28/2024		
2/29/2024	<0.001	
3/1/2024		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Silver (mg/L) Analysis Run 6/18/2025 4:33 PM View: Appendix I - Interwell

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-20
3/4/2024		
8/6/2024		<0.001
8/7/2024	<0.001	
8/8/2024		
2/24/2025		
2/25/2025	<0.001	<0.001
2/26/2025		

ND substitution: RL or RL/2 if <15% NDs.

FIGURE K.

Appendix I & III Trend Tests - Significant Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 8/12/2025, 1:26 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
Barium (mg/L)	GWA-17 (bg)	-0.0006179	-249	-206	Yes	38	0	n/a	0.01	NP
Barium (mg/L)	GWC-4	0.00244	557	214	Yes	39	0	n/a	0.01	NP
Barium (mg/L)	GWC-19	0.001106	433	206	Yes	38	0	n/a	0.01	NP
Calcium (mg/L)	GWA-17 (bg)	0.2764	156	105	Yes	24	0	n/a	0.01	NP
Calcium (mg/L)	GWC-4	1.906	223	111	Yes	25	0	n/a	0.01	NP
Calcium (mg/L)	GWC-7	0.3603	162	111	Yes	25	0	n/a	0.01	NP
Calcium (mg/L)	GWC-19	1.169	246	118	Yes	26	0	n/a	0.01	NP
Calcium (mg/L)	GWC-20	0.3925	121	105	Yes	24	0	n/a	0.01	NP
Chloride (mg/L)	GWA-15 (bg)	0.1133	117	105	Yes	24	0	n/a	0.01	NP
Chloride (mg/L)	GWA-17 (bg)	-0.03414	-126	-105	Yes	24	0	n/a	0.01	NP
Chloride (mg/L)	GWC-4	2.078	251	118	Yes	26	0	n/a	0.01	NP
Chloride (mg/L)	GWC-7	0.2885	184	105	Yes	24	0	n/a	0.01	NP
Chromium (mg/L)	GWA-16 (bg)	0.0001503	240	206	Yes	38	0	n/a	0.01	NP
Chromium (mg/L)	GWA-17 (bg)	0.0002086	309	206	Yes	38	0	n/a	0.01	NP
pH, Field (SU)	GWA-17 (bg)	0.04103	401	206	Yes	38	0	n/a	0.01	NP
pH, Field (SU)	GWC-18	0.01748	273	214	Yes	39	0	n/a	0.01	NP
Sulfate (mg/L)	GWA-15 (bg)	0.2033	162	105	Yes	24	29.17	n/a	0.01	NP
Sulfate (mg/L)	GWC-3	0.3472	146	131	Yes	28	39.29	n/a	0.01	NP
Sulfate (mg/L)	GWC-4	4.944	196	118	Yes	26	0	n/a	0.01	NP
TDS (mg/L)	GWC-4	17.7	218	111	Yes	25	0	n/a	0.01	NP
Vanadium (mg/L)	GWA-16 (bg)	0.0002041	214	167	Yes	33	3.03	n/a	0.01	NP
Vanadium (mg/L)	GWA-17 (bg)	0.0001613	231	167	Yes	33	12.12	n/a	0.01	NP

Appendix I & III Trend Tests - All Results

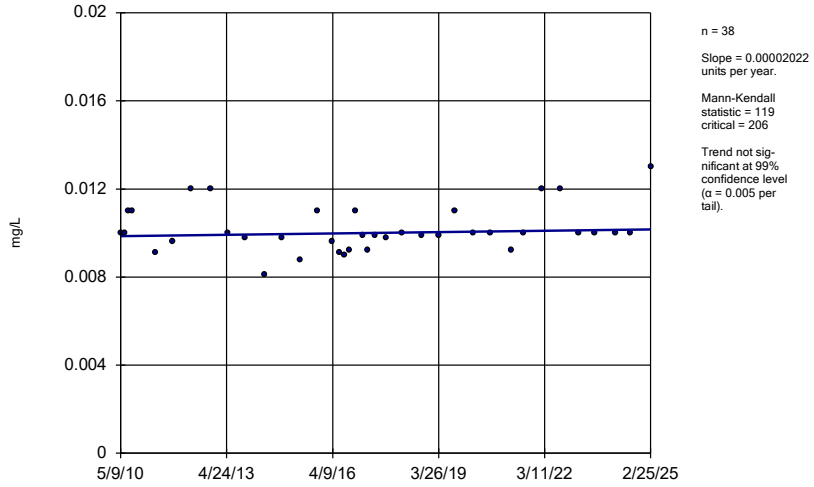
Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 8/12/2025, 1:26 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
Barium (mg/L)	GWA-15 (bg)	0.00002022	119	206	No	38	0	n/a	0.01	NP
Barium (mg/L)	GWA-16 (bg)	-0.0001203	-105	-206	No	38	0	n/a	0.01	NP
Barium (mg/L)	**GWA-17 (bg)**	**-0.0006179**	**-249**	**-206**	**Yes**	**38**	**0**	**n/a**	**0.01**	**NP**
Barium (mg/L)	**GWC-4**	**0.00244**	**557**	**214**	**Yes**	**39**	**0**	**n/a**	**0.01**	**NP**
Barium (mg/L)	GWC-6	0.0002986	116	206	No	38	0	n/a	0.01	NP
Barium (mg/L)	**GWC-19**	**0.001106**	**433**	**206**	**Yes**	**38**	**0**	**n/a**	**0.01**	**NP**
Barium (mg/L)	GWC-20	0.0002056	131	206	No	38	0	n/a	0.01	NP
Calcium (mg/L)	GWA-15 (bg)	0	9	105	No	24	0	n/a	0.01	NP
Calcium (mg/L)	GWA-16 (bg)	0.1898	79	105	No	24	0	n/a	0.01	NP
Calcium (mg/L)	**GWA-17 (bg)**	**0.2764**	**156**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	GWC-3	-0.2115	-47	-105	No	24	0	n/a	0.01	NP
Calcium (mg/L)	**GWC-4**	**1.906**	**223**	**111**	**Yes**	**25**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	GWC-6	-0.2422	-65	-111	No	25	0	n/a	0.01	NP
Calcium (mg/L)	**GWC-7**	**0.3603**	**162**	**111**	**Yes**	**25**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	GWC-9	0.4288	116	118	No	26	0	n/a	0.01	NP
Calcium (mg/L)	GWC-12	0.01692	55	105	No	24	0	n/a	0.01	NP
Calcium (mg/L)	**GWC-19**	**1.169**	**246**	**118**	**Yes**	**26**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**GWC-20**	**0.3925**	**121**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**GWA-15 (bg)**	**0.1133**	**117**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	GWA-16 (bg)	0	-43	-105	No	24	0	n/a	0.01	NP
Chloride (mg/L)	**GWA-17 (bg)**	**-0.03414**	**-126**	**-105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**GWC-4**	**2.078**	**251**	**118**	**Yes**	**26**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**GWC-7**	**0.2885**	**184**	**105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	GWC-9	0.1206	95	105	No	24	0	n/a	0.01	NP
Chromium (mg/L)	GWA-15 (bg)	0	2	206	No	38	92.11	n/a	0.01	NP
Chromium (mg/L)	**GWA-16 (bg)**	**0.0001503**	**240**	**206**	**Yes**	**38**	**0**	**n/a**	**0.01**	**NP**
Chromium (mg/L)	**GWA-17 (bg)**	**0.0002086**	**309**	**206**	**Yes**	**38**	**0**	**n/a**	**0.01**	**NP**
Chromium (mg/L)	GWC-7	0.00003191	45	214	No	39	0	n/a	0.01	NP
pH, Field (SU)	GWA-15 (bg)	-0.006807	-106	-214	No	39	0	n/a	0.01	NP
pH, Field (SU)	GWA-16 (bg)	0.01077	136	206	No	38	0	n/a	0.01	NP
pH, Field (SU)	**GWA-17 (bg)**	**0.04103**	**401**	**206**	**Yes**	**38**	**0**	**n/a**	**0.01**	**NP**
pH, Field (SU)	GWC-6	0.008611	1.768	2.58	No	41	0	n/a	0.01	NP
pH, Field (SU)	GWC-7	0.01046	155	223	No	40	0	n/a	0.01	NP
pH, Field (SU)	GWC-9	0.01219	153	223	No	40	0	n/a	0.01	NP
pH, Field (SU)	**GWC-18**	**0.01748**	**273**	**214**	**Yes**	**39**	**0**	**n/a**	**0.01**	**NP**
Selenium (mg/L)	GWA-15 (bg)	0	-3	-206	No	38	97.37	n/a	0.01	NP
Selenium (mg/L)	GWA-16 (bg)	0	8	206	No	38	92.11	n/a	0.01	NP
Selenium (mg/L)	GWA-17 (bg)	0	13	206	No	38	94.74	n/a	0.01	NP
Selenium (mg/L)	GWC-4	0	-140	-206	No	38	78.95	n/a	0.01	NP
Sulfate (mg/L)	**GWA-15 (bg)**	**0.2033**	**162**	**105**	**Yes**	**24**	**29.17**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	GWA-16 (bg)	0	16	105	No	24	83.33	n/a	0.01	NP
Sulfate (mg/L)	GWA-17 (bg)	0	31	105	No	24	79.17	n/a	0.01	NP
Sulfate (mg/L)	**GWC-3**	**0.3472**	**146**	**131**	**Yes**	**28**	**39.29**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**GWC-4**	**4.944**	**196**	**118**	**Yes**	**26**	**0**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	GWC-6	0.459	58	111	No	25	0	n/a	0.01	NP
Sulfate (mg/L)	GWC-7	0	89	105	No	24	66.67	n/a	0.01	NP
Sulfate (mg/L)	GWC-9	0.9337	102	111	No	25	0	n/a	0.01	NP
TDS (mg/L)	GWA-15 (bg)	1.809	78	105	No	24	8.333	n/a	0.01	NP
TDS (mg/L)	GWA-16 (bg)	1.73	40	105	No	24	0	n/a	0.01	NP
TDS (mg/L)	GWA-17 (bg)	3.043	90	105	No	24	0	n/a	0.01	NP
TDS (mg/L)	GWC-3	1.613	46	105	No	24	0	n/a	0.01	NP
TDS (mg/L)	**GWC-4**	**17.7**	**218**	**111**	**Yes**	**25**	**0**	**n/a**	**0.01**	**NP**
Vanadium (mg/L)	GWA-15 (bg)	0	-58	-167	No	33	78.79	n/a	0.01	NP
Vanadium (mg/L)	**GWA-16 (bg)**	**0.0002041**	**214**	**167**	**Yes**	**33**	**3.03**	**n/a**	**0.01**	**NP**
Vanadium (mg/L)	**GWA-17 (bg)**	**0.0001613**	**231**	**167**	**Yes**	**33**	**12.12**	**n/a**	**0.01**	**NP**

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Sen's Slope Estimator

GWA-15 (bg)



n = 38

Slope = 0.00002022 units per year.

Mann-Kendall statistic = 119 critical = 206

Trend not significant at 99% confidence level (α = 0.005 per tail).

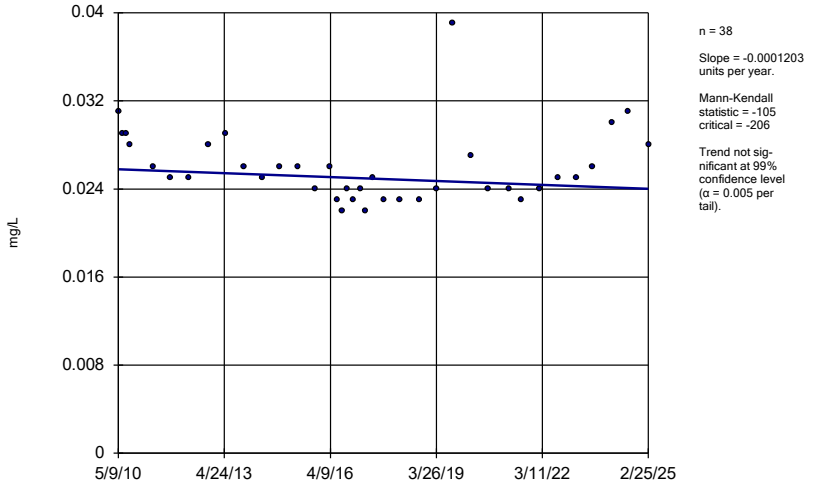
Constituent: Barium Analysis Run 8/12/2025 1:24 PM View: Appendix I & III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Sen's Slope Estimator

GWA-16 (bg)



n = 38

Slope = -0.0001203 units per year.

Mann-Kendall statistic = -105 critical = -206

Trend not significant at 99% confidence level (α = 0.005 per tail).

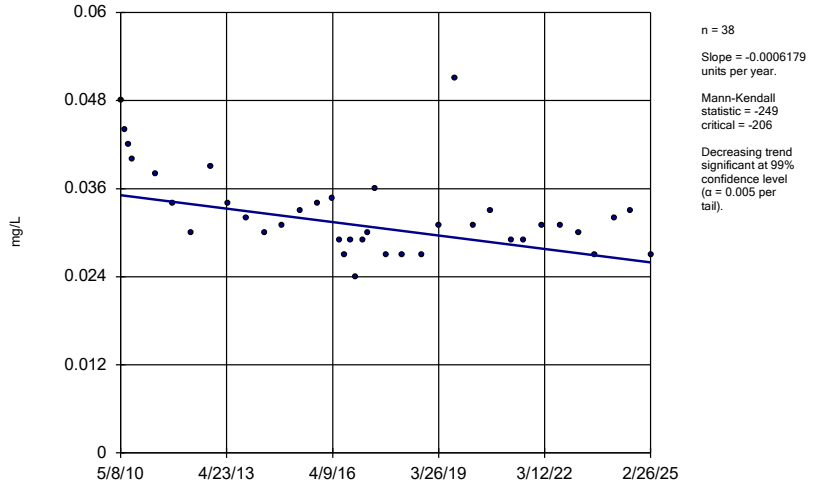
Constituent: Barium Analysis Run 8/12/2025 1:24 PM View: Appendix I & III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Sen's Slope Estimator

GWA-17 (bg)



n = 38

Slope = -0.0006179 units per year.

Mann-Kendall statistic = -249 critical = -206

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

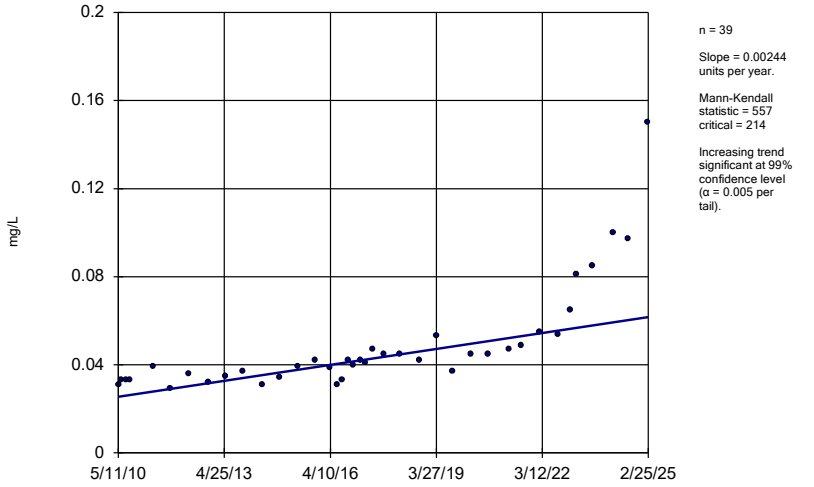
Constituent: Barium Analysis Run 8/12/2025 1:24 PM View: Appendix I & III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Sen's Slope Estimator

GWC-4



n = 39

Slope = 0.00244 units per year.

Mann-Kendall statistic = 557 critical = 214

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

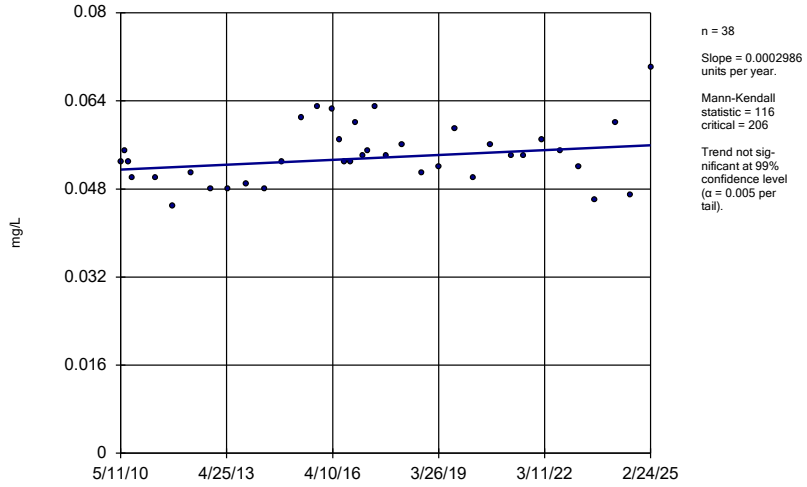
Constituent: Barium Analysis Run 8/12/2025 1:24 PM View: Appendix I & III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Sen's Slope Estimator

GWC-6



n = 38

Slope = 0.0002986 units per year.

Mann-Kendall statistic = 116 critical = 206

Trend not significant at 99% confidence level (α = 0.005 per tail).

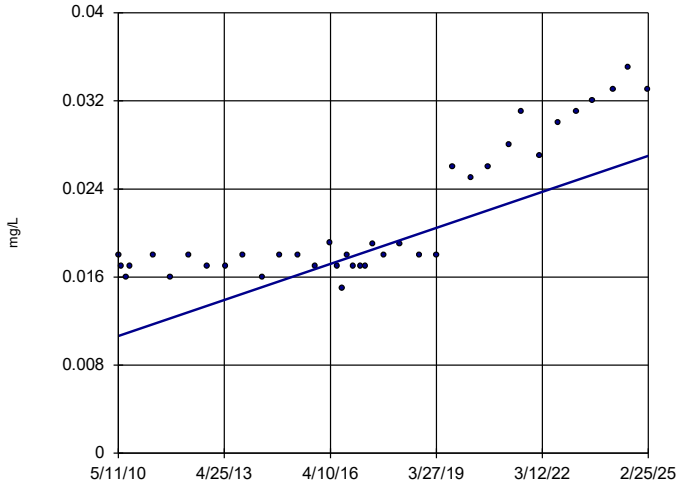
Constituent: Barium Analysis Run 8/12/2025 1:24 PM View: Appendix I & III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Sen's Slope Estimator

GWC-19



n = 38

Slope = 0.001106 units per year.

Mann-Kendall statistic = 433 critical = 206

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

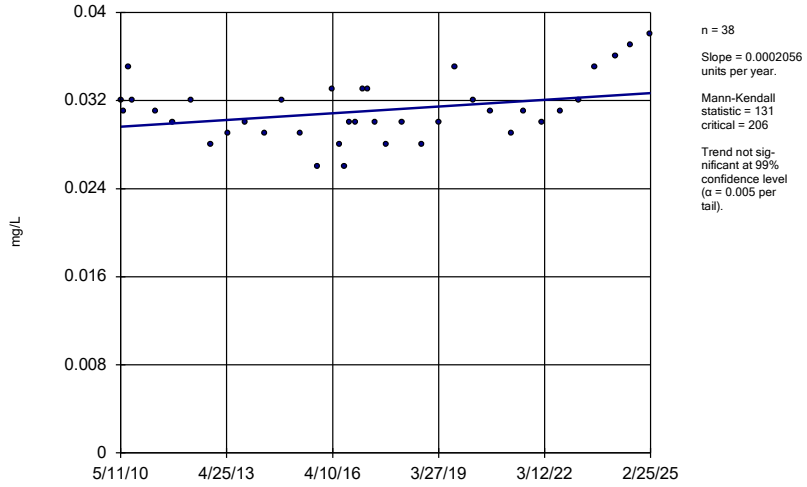
Constituent: Barium Analysis Run 8/12/2025 1:24 PM View: Appendix I & III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Sen's Slope Estimator

GWC-20



n = 38

Slope = 0.0002056 units per year.

Mann-Kendall statistic = 131 critical = 206

Trend not significant at 99% confidence level (α = 0.005 per tail).

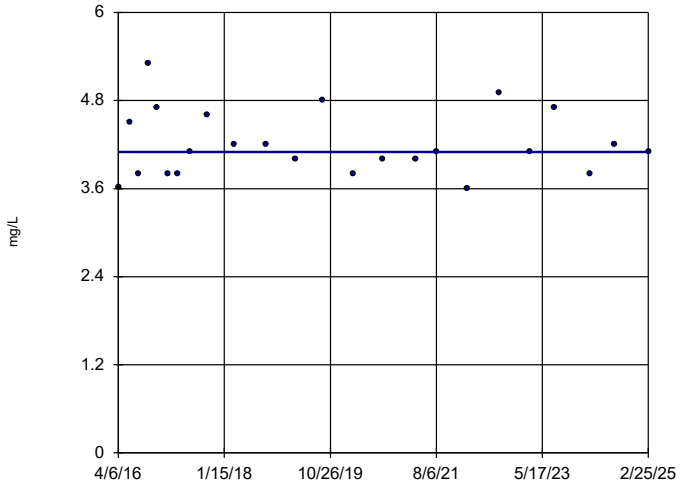
Constituent: Barium Analysis Run 8/12/2025 1:24 PM View: Appendix I & III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Sen's Slope Estimator

GWA-15 (bg)



n = 24

Slope = 0 units per year.

Mann-Kendall statistic = 9 critical = 105

Trend not significant at 99% confidence level (α = 0.005 per tail).

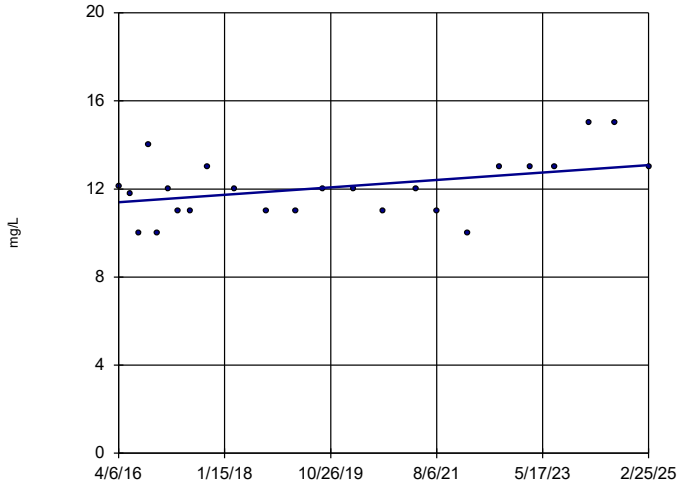
Constituent: Calcium Analysis Run 8/12/2025 1:24 PM View: Appendix I & III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Sen's Slope Estimator

GWA-16 (bg)



n = 24

Slope = 0.1898 units per year.

Mann-Kendall statistic = 79 critical = 105

Trend not significant at 99% confidence level (α = 0.005 per tail).

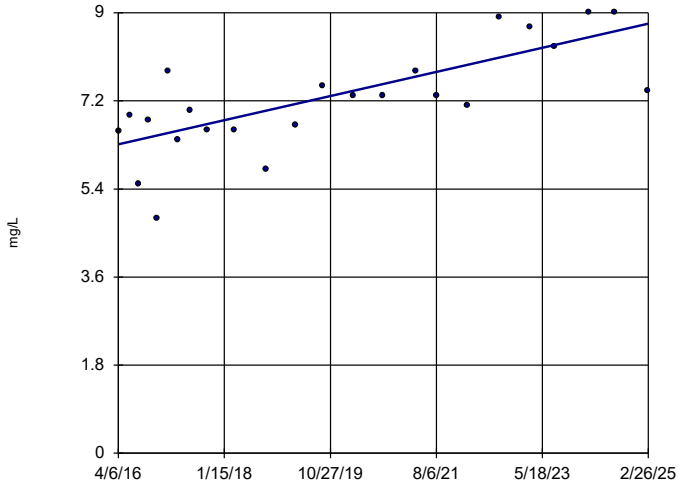
Constituent: Calcium Analysis Run 8/12/2025 1:24 PM View: Appendix I & III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Sen's Slope Estimator

GWA-17 (bg)



n = 24

Slope = 0.2764 units per year.

Mann-Kendall statistic = 156 critical = 105

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

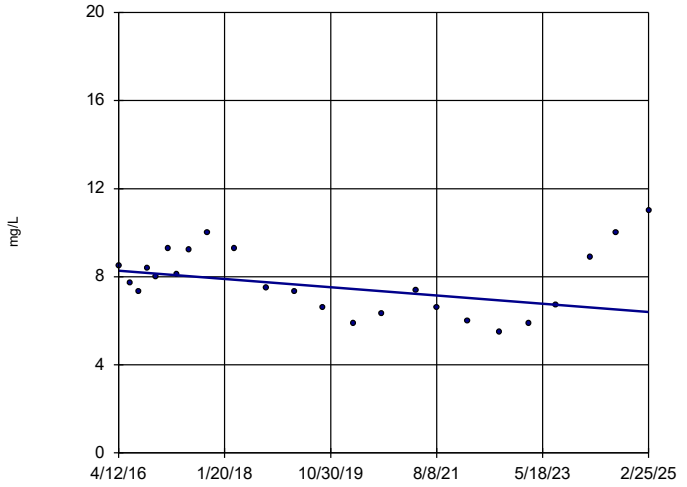
Constituent: Calcium Analysis Run 8/12/2025 1:24 PM View: Appendix I & III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Sen's Slope Estimator

GWC-3



n = 24

Slope = -0.2115 units per year.

Mann-Kendall statistic = -47 critical = -105

Trend not significant at 99% confidence level (α = 0.005 per tail).

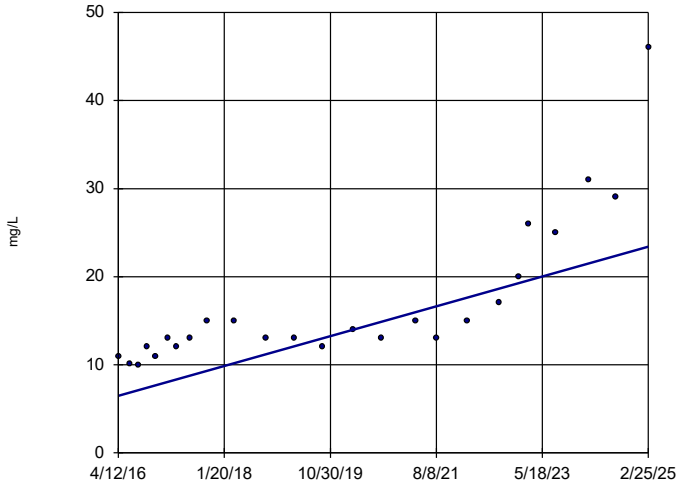
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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Sen's Slope Estimator

GWC-4



n = 25

Slope = 1.906 units per year.

Mann-Kendall statistic = 223 critical = 111

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

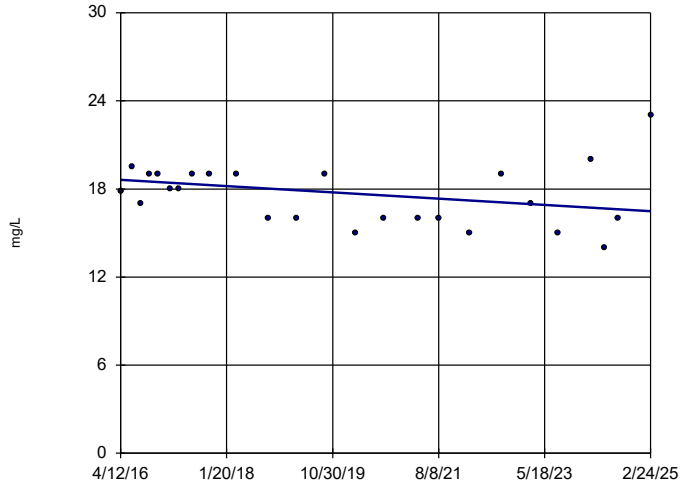
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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Sen's Slope Estimator

GWC-6



n = 25

Slope = -0.2422 units per year.

Mann-Kendall statistic = -65
critical = -111

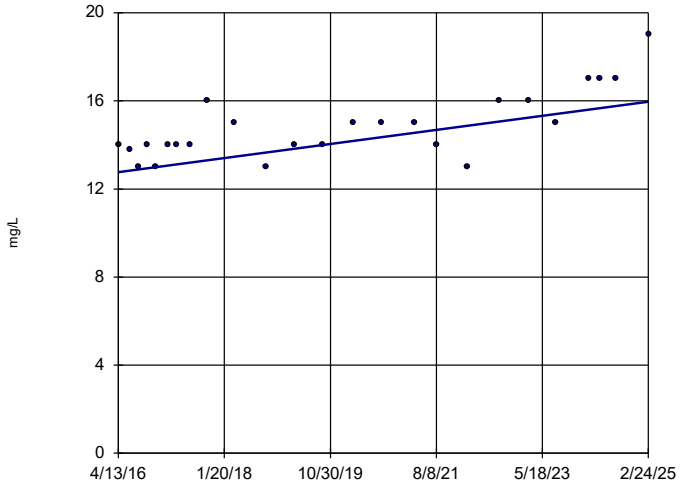
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 8/12/2025 1:24 PM View: Appendix I & III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Sen's Slope Estimator

GWC-7



n = 25

Slope = 0.3603 units per year.

Mann-Kendall statistic = 162
critical = 111

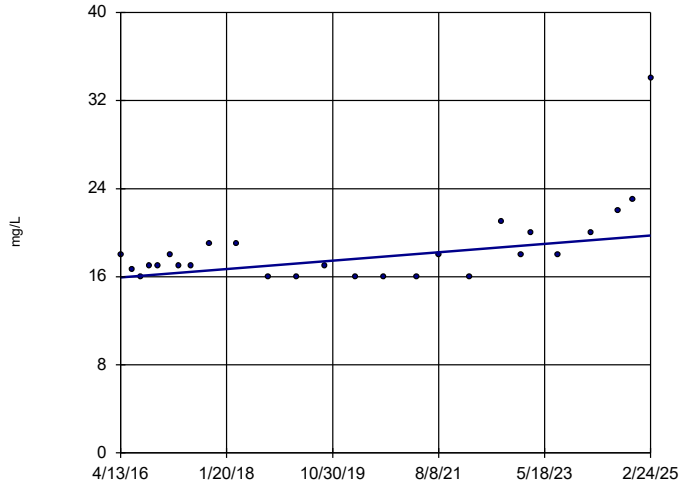
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 8/12/2025 1:24 PM View: Appendix I & III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Sen's Slope Estimator

GWC-9



n = 26

Slope = 0.4288 units per year.

Mann-Kendall statistic = 116
critical = 118

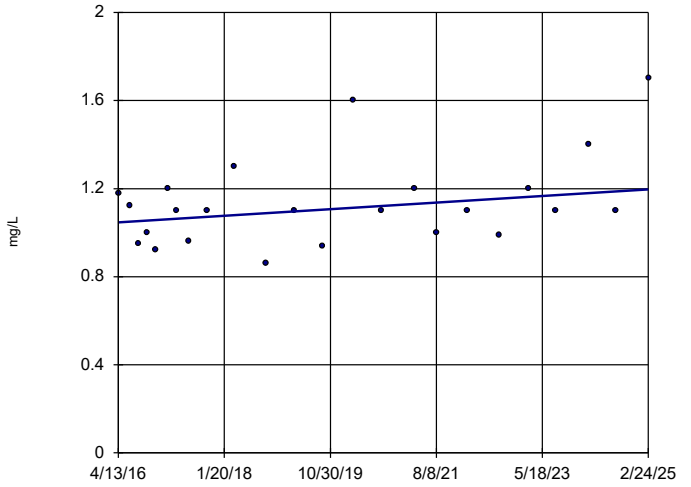
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 8/12/2025 1:24 PM View: Appendix I & III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Sen's Slope Estimator

GWC-12



n = 24

Slope = 0.01692 units per year.

Mann-Kendall statistic = 55
critical = 105

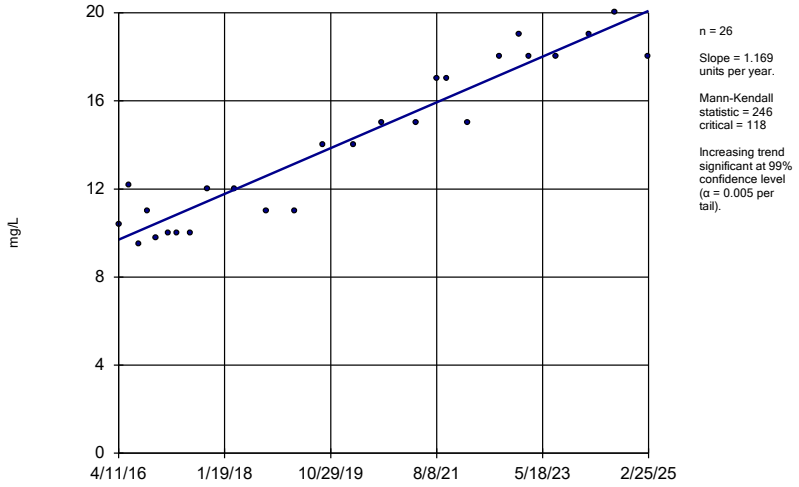
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 8/12/2025 1:24 PM View: Appendix I & III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Sen's Slope Estimator

GWC-19



n = 26

Slope = 1.169 units per year.

Mann-Kendall statistic = 246 critical = 118

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

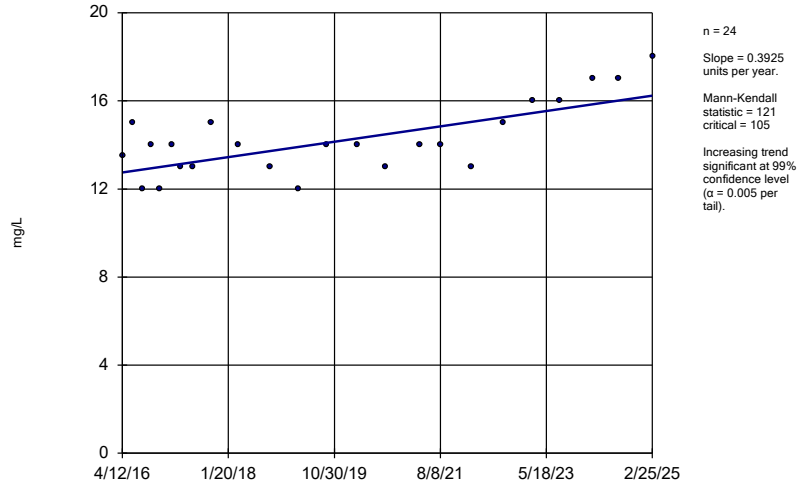
Constituent: Calcium Analysis Run 8/12/2025 1:24 PM View: Appendix I & III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Sen's Slope Estimator

GWC-20



n = 24

Slope = 0.3925 units per year.

Mann-Kendall statistic = 121 critical = 105

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

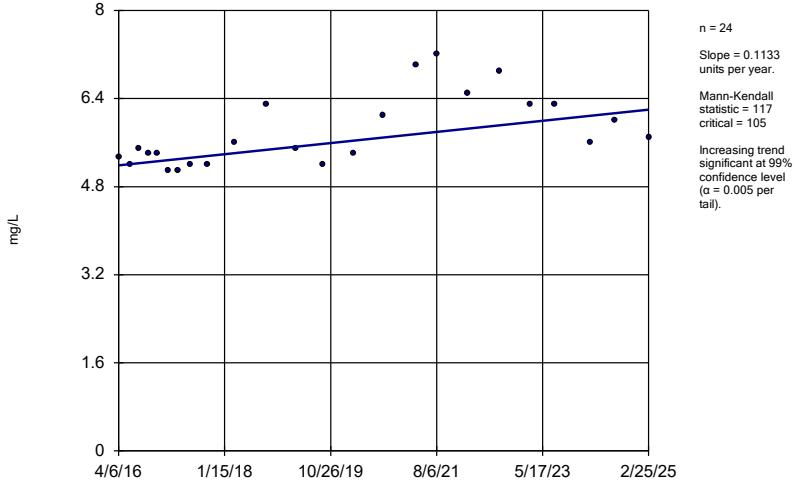
Constituent: Calcium Analysis Run 8/12/2025 1:24 PM View: Appendix I & III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Sen's Slope Estimator

GWA-15 (bg)



n = 24

Slope = 0.1133 units per year.

Mann-Kendall statistic = 117 critical = 105

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

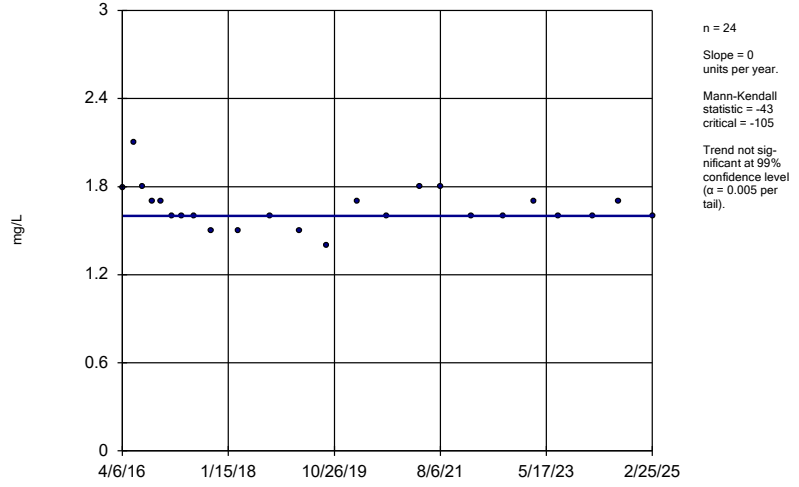
Constituent: Chloride Analysis Run 8/12/2025 1:25 PM View: Appendix I & III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Sen's Slope Estimator

GWA-16 (bg)



n = 24

Slope = 0 units per year.

Mann-Kendall statistic = -43 critical = -105

Trend not significant at 99% confidence level (α = 0.005 per tail).

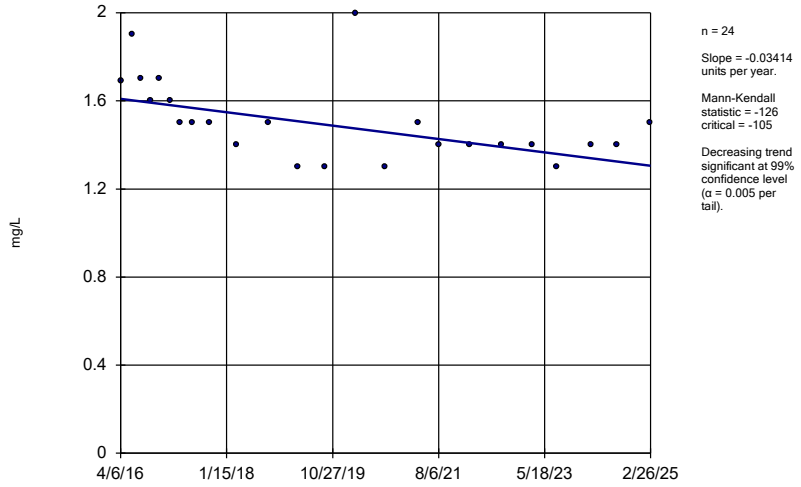
Constituent: Chloride Analysis Run 8/12/2025 1:25 PM View: Appendix I & III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Sen's Slope Estimator

GWA-17 (bg)



n = 24

Slope = -0.03414 units per year.

Mann-Kendall statistic = -126 critical = -105

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

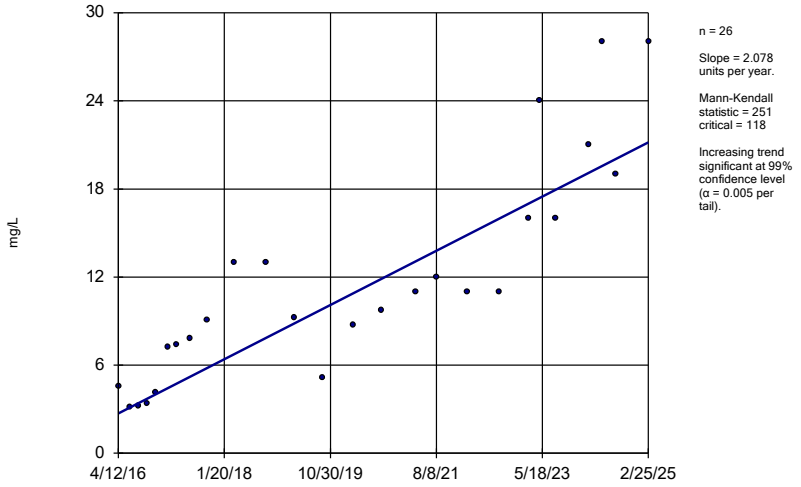
Constituent: Chloride Analysis Run 8/12/2025 1:25 PM View: Appendix I & III Trend Tests

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Sen's Slope Estimator

GWC-4



n = 26

Slope = 2.078 units per year.

Mann-Kendall statistic = 251 critical = 118

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

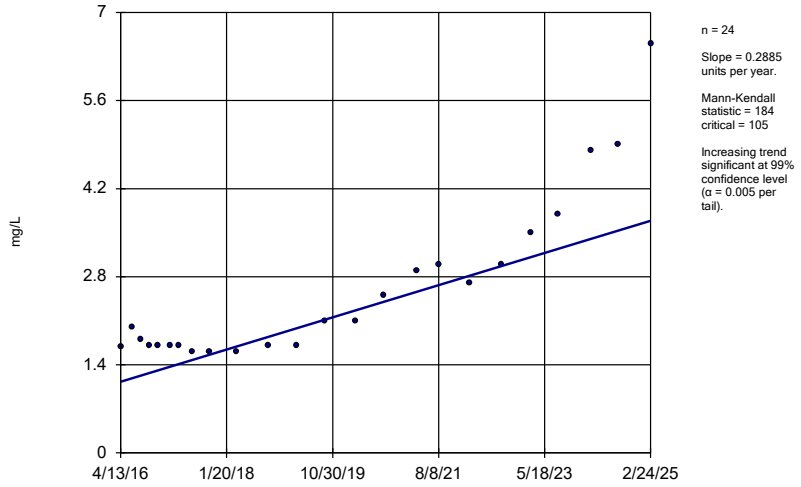
Constituent: Chloride Analysis Run 8/12/2025 1:25 PM View: Appendix I & III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Sen's Slope Estimator

GWC-7



n = 24

Slope = 0.2885 units per year.

Mann-Kendall statistic = 184 critical = 105

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

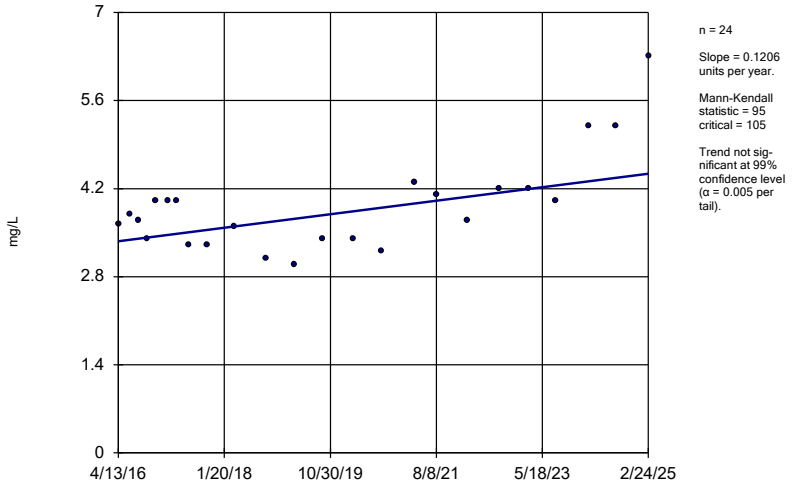
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Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Sen's Slope Estimator

GWC-9



n = 24

Slope = 0.1206 units per year.

Mann-Kendall statistic = 95 critical = 105

Trend not significant at 99% confidence level (α = 0.005 per tail).

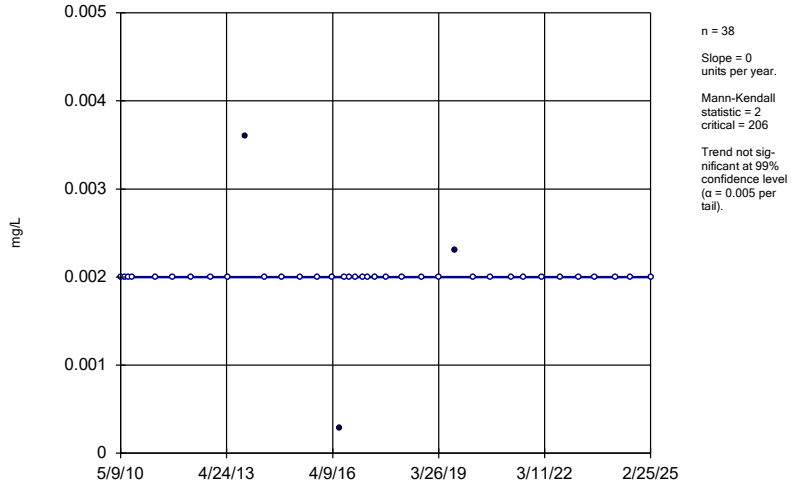
Constituent: Chloride Analysis Run 8/12/2025 1:25 PM View: Appendix I & III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-15 (bg)



n = 38

Slope = 0 units per year.

Mann-Kendall statistic = 2 critical = 206

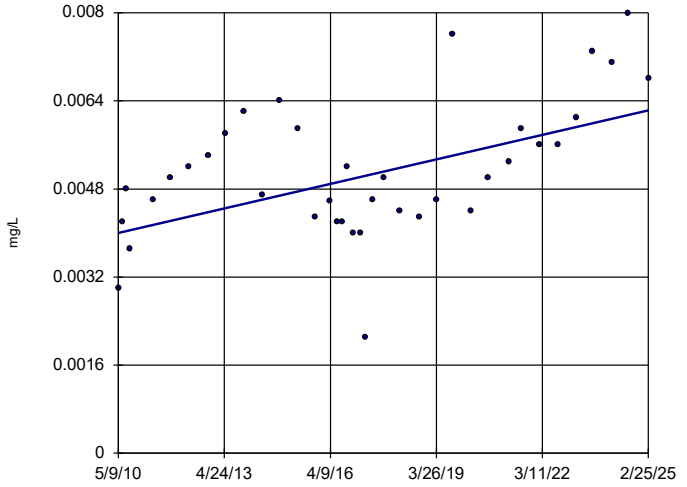
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chromium Analysis Run 8/12/2025 1:25 PM View: Appendix I & III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Sen's Slope Estimator

GWA-16 (bg)



n = 38

Slope = 0.0001503 units per year.

Mann-Kendall statistic = 240 critical = 206

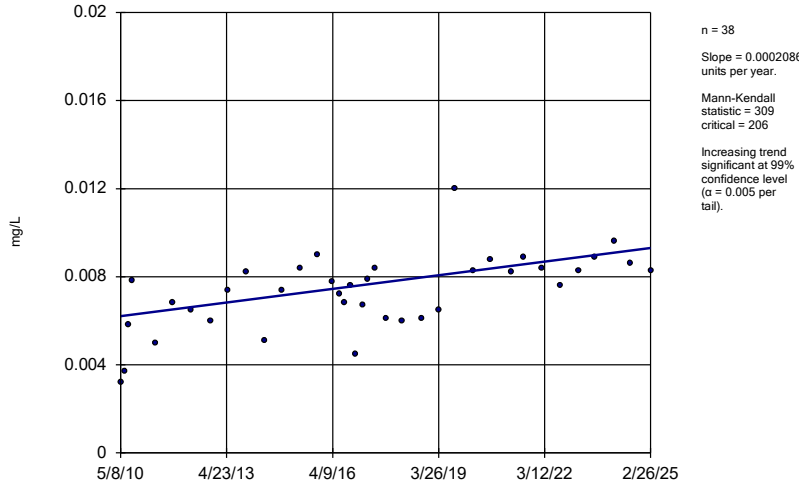
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chromium Analysis Run 8/12/2025 1:25 PM View: Appendix I & III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Sen's Slope Estimator

GWA-17 (bg)



n = 38

Slope = 0.0002086 units per year.

Mann-Kendall statistic = 309 critical = 206

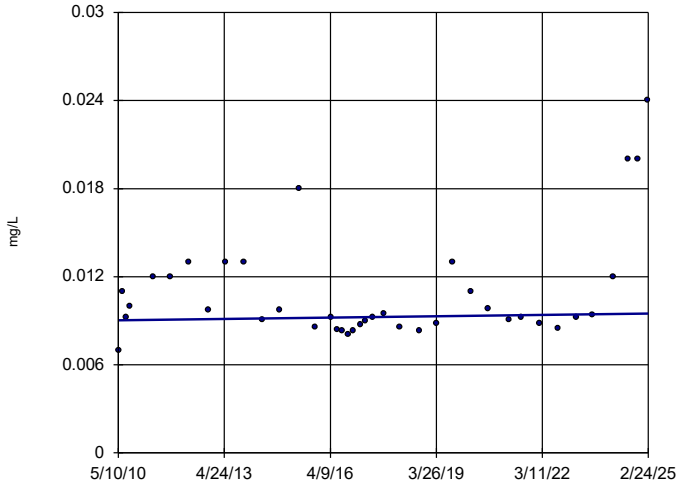
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chromium Analysis Run 8/12/2025 1:25 PM View: Appendix I & III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Sen's Slope Estimator

GWC-7



n = 39

Slope = 0.00003191 units per year.

Mann-Kendall statistic = 45 critical = 214

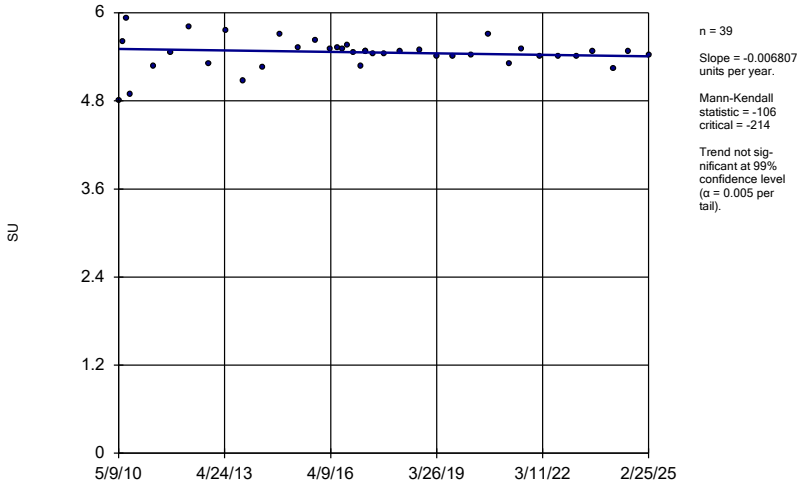
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chromium Analysis Run 8/12/2025 1:25 PM View: Appendix I & III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Sen's Slope Estimator

GWA-15 (bg)



n = 39

Slope = -0.006807 units per year.

Mann-Kendall statistic = -106
critical = -214

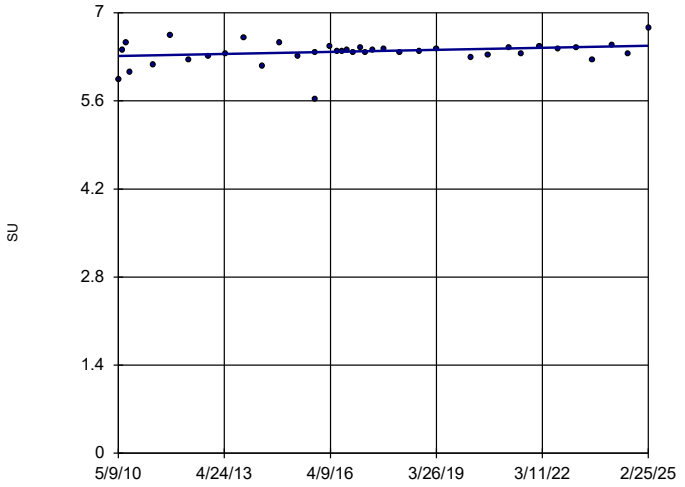
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: pH, Field Analysis Run 8/12/2025 1:25 PM View: Appendix I & III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Sen's Slope Estimator

GWA-16 (bg)



n = 38

Slope = 0.01077 units per year.

Mann-Kendall statistic = 136
critical = 206

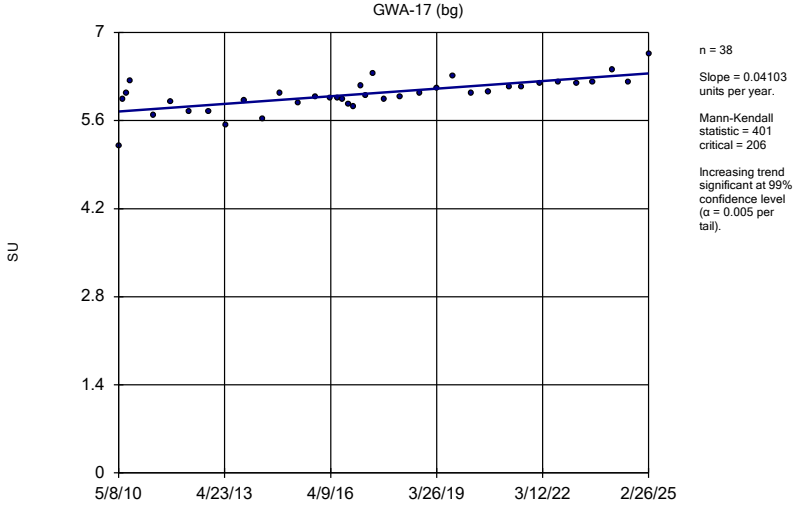
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: pH, Field Analysis Run 8/12/2025 1:25 PM View: Appendix I & III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Sen's Slope Estimator

GWA-17 (bg)



n = 38

Slope = 0.04103 units per year.

Mann-Kendall statistic = 401
critical = 206

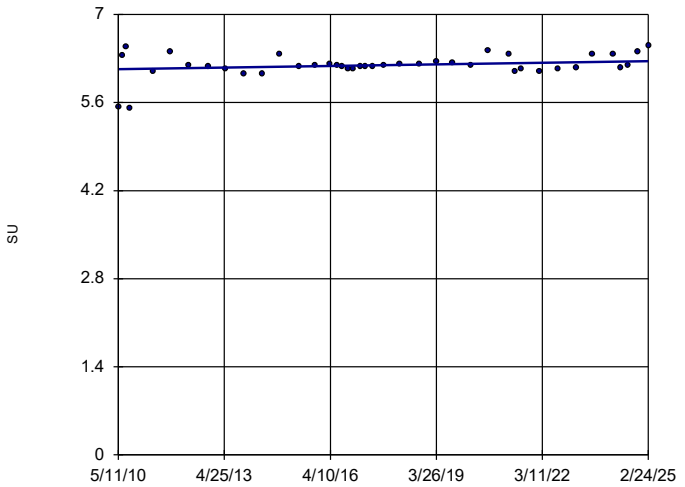
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: pH, Field Analysis Run 8/12/2025 1:25 PM View: Appendix I & III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Sen's Slope Estimator

GWC-6



n = 41

Slope = 0.008611 units per year.

Mann-Kendall normal approx. = 1.768
critical = 2.58

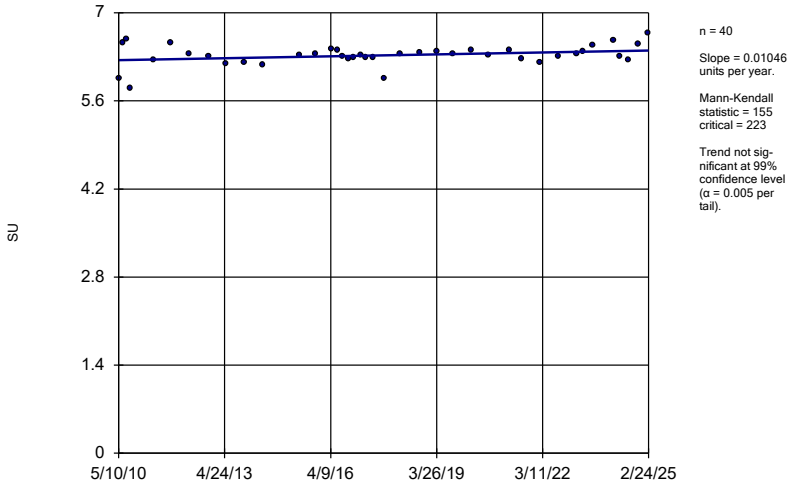
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: pH, Field Analysis Run 8/12/2025 1:25 PM View: Appendix I & III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Sen's Slope Estimator

GWC-7



n = 40

Slope = 0.01046 units per year.

Mann-Kendall statistic = 155 critical = 223

Trend not significant at 99% confidence level (α = 0.005 per tail).

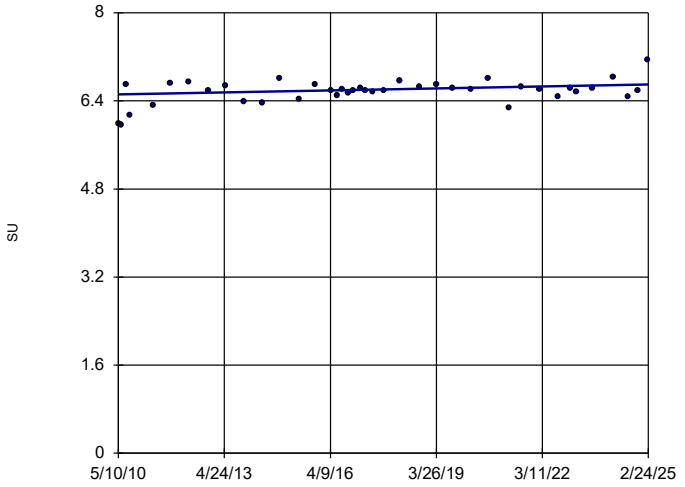
Constituent: pH, Field Analysis Run 8/12/2025 1:25 PM View: Appendix I & III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Sen's Slope Estimator

GWC-9



n = 40

Slope = 0.01219 units per year.

Mann-Kendall statistic = 153 critical = 223

Trend not significant at 99% confidence level (α = 0.005 per tail).

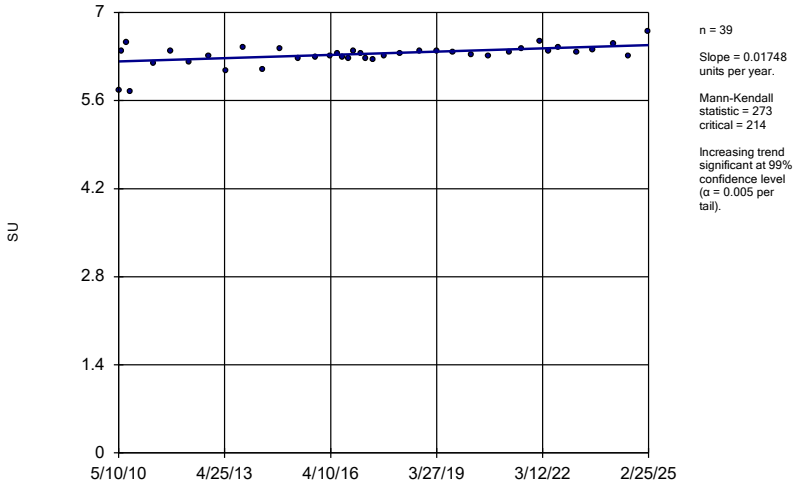
Constituent: pH, Field Analysis Run 8/12/2025 1:25 PM View: Appendix I & III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Sen's Slope Estimator

GWC-18



n = 39

Slope = 0.01748 units per year.

Mann-Kendall statistic = 273 critical = 214

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: pH, Field Analysis Run 8/12/2025 1:25 PM View: Appendix I & III Trend Tests

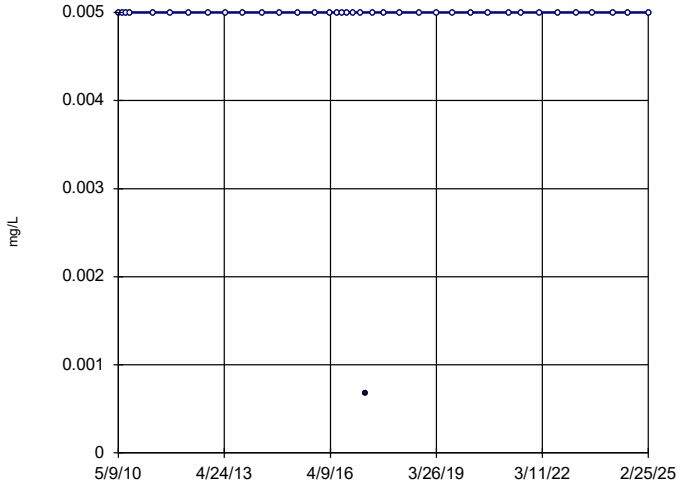
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-15 (bg)



n = 38

Slope = 0 units per year.

Mann-Kendall statistic = -3 critical = -206

Trend not significant at 99% confidence level (α = 0.005 per tail).

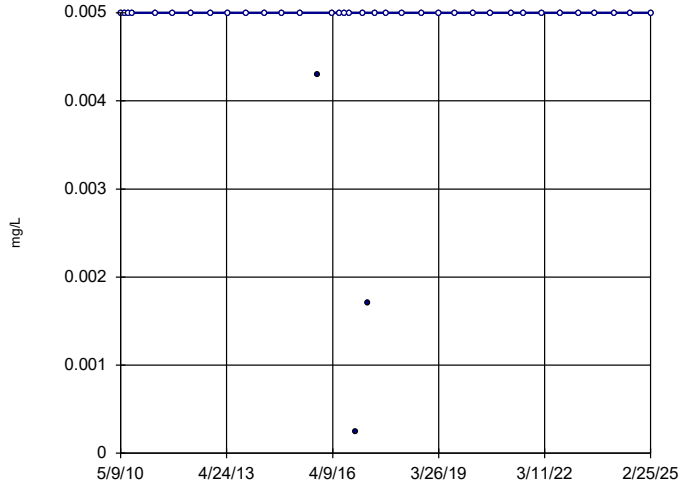
Constituent: Selenium Analysis Run 8/12/2025 1:25 PM View: Appendix I & III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-16 (bg)



n = 38

Slope = 0 units per year.

Mann-Kendall statistic = 8
critical = 206

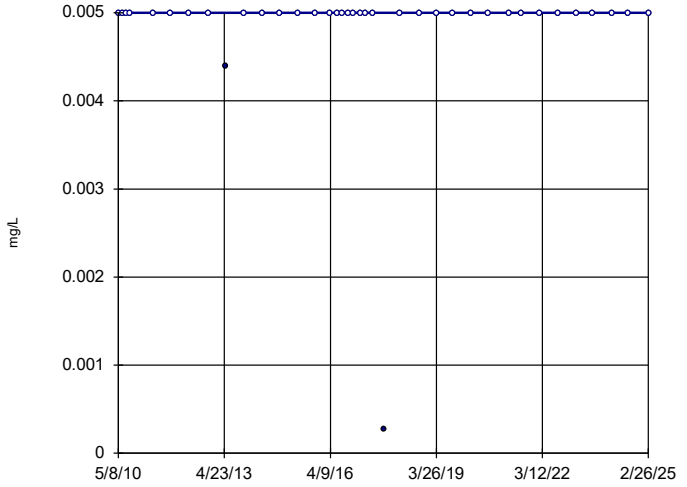
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Selenium Analysis Run 8/12/2025 1:25 PM View: Appendix I & III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-17 (bg)



n = 38

Slope = 0 units per year.

Mann-Kendall statistic = 13
critical = 206

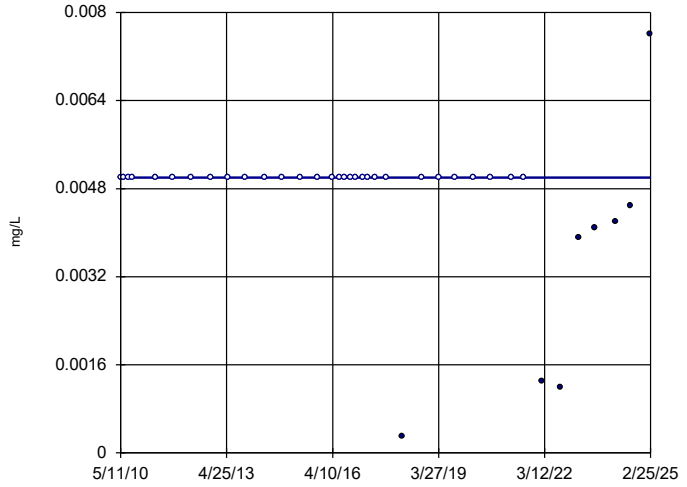
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Selenium Analysis Run 8/12/2025 1:25 PM View: Appendix I & III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWC-4



n = 38

Slope = 0 units per year.

Mann-Kendall statistic = -140
critical = -206

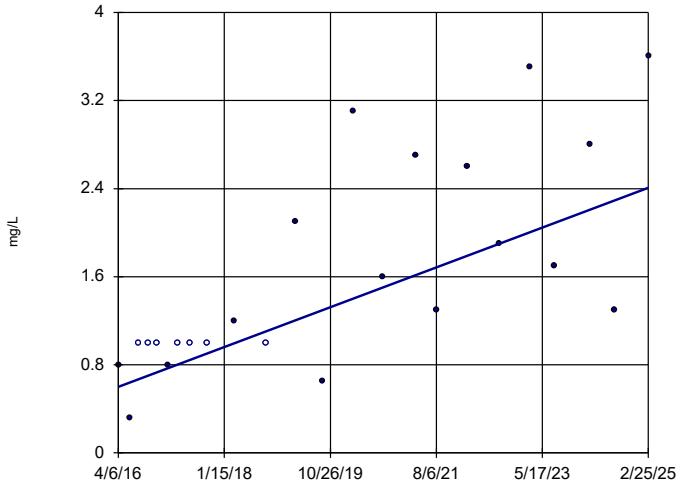
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Selenium Analysis Run 8/12/2025 1:25 PM View: Appendix I & III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-15 (bg)



n = 24

Slope = 0.2033 units per year.

Mann-Kendall statistic = 162
critical = 105

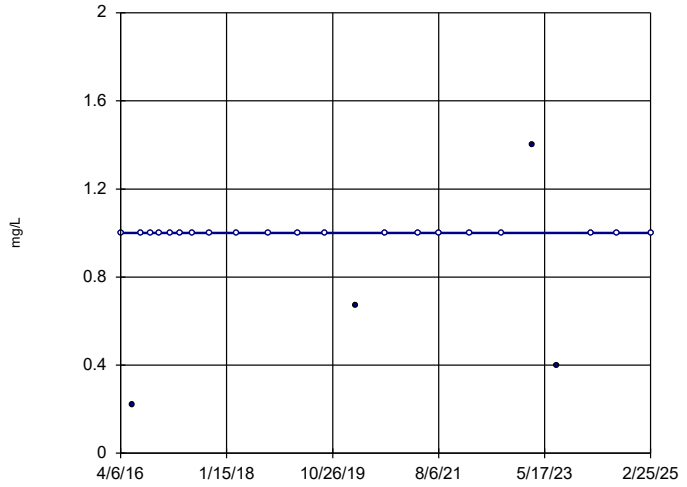
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 8/12/2025 1:25 PM View: Appendix I & III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-16 (bg)



n = 24

Slope = 0
units per year.

Mann-Kendall
statistic = 16
critical = 105

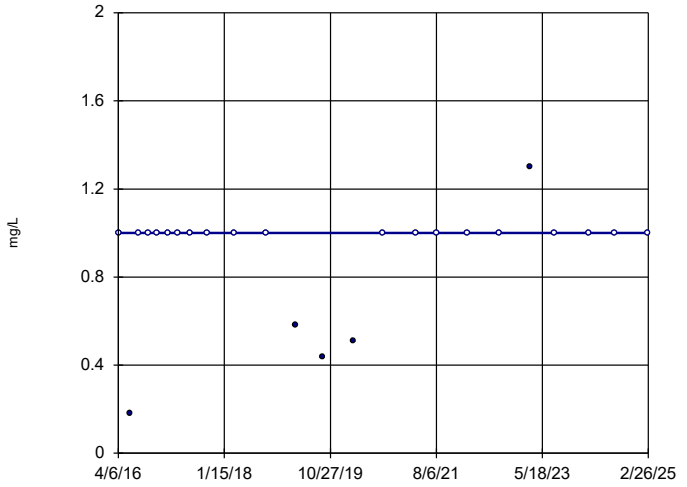
Trend not sig-
nificant at 99%
confidence level
(α = 0.005 per
tail).

Constituent: Sulfate Analysis Run 8/12/2025 1:25 PM View: Appendix I & III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-17 (bg)



n = 24

Slope = 0
units per year.

Mann-Kendall
statistic = 31
critical = 105

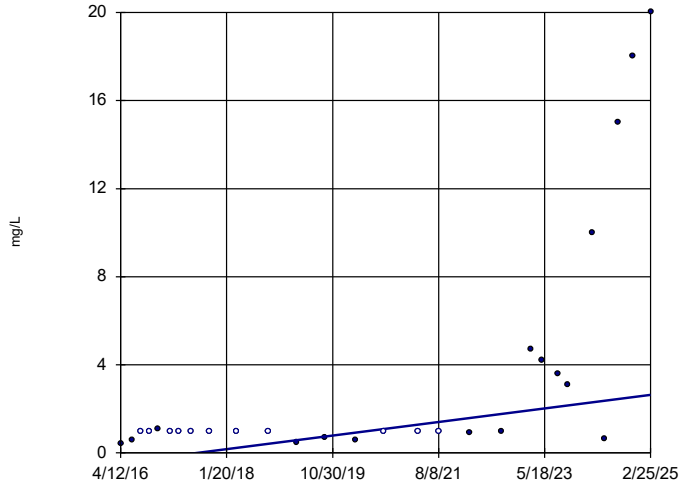
Trend not sig-
nificant at 99%
confidence level
(α = 0.005 per
tail).

Constituent: Sulfate Analysis Run 8/12/2025 1:25 PM View: Appendix I & III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Sen's Slope Estimator

GWC-3



n = 28

Slope = 0.3472
units per year.

Mann-Kendall
statistic = 146
critical = 131

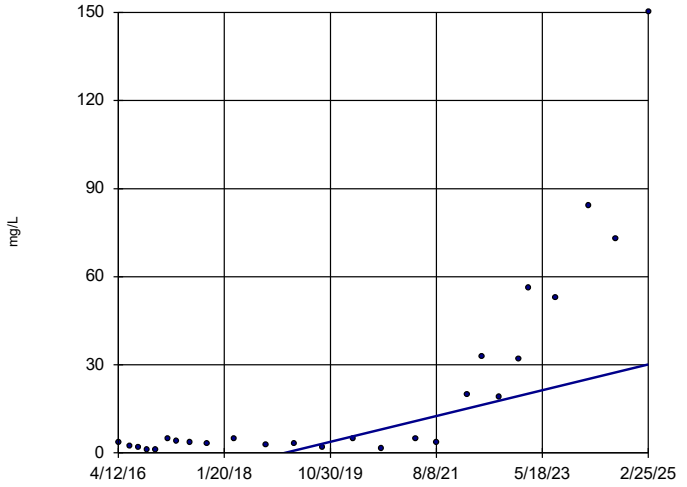
Increasing trend
significant at 99%
confidence level
(α = 0.005 per
tail).

Constituent: Sulfate Analysis Run 8/12/2025 1:25 PM View: Appendix I & III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Sen's Slope Estimator

GWC-4



n = 26

Slope = 4.944
units per year.

Mann-Kendall
statistic = 196
critical = 118

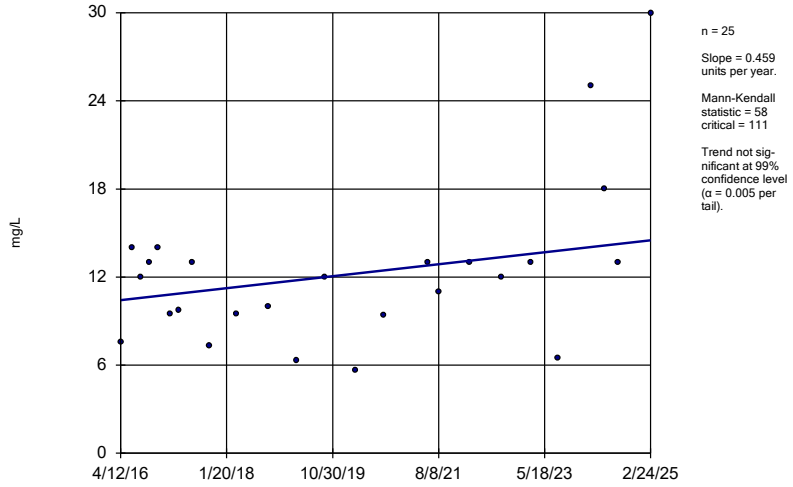
Increasing trend
significant at 99%
confidence level
(α = 0.005 per
tail).

Constituent: Sulfate Analysis Run 8/12/2025 1:25 PM View: Appendix I & III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Sen's Slope Estimator

GWC-6



n = 25

Slope = 0.459 units per year.

Mann-Kendall statistic = 58 critical = 111

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 8/12/2025 1:25 PM View: Appendix I & III Trend Tests

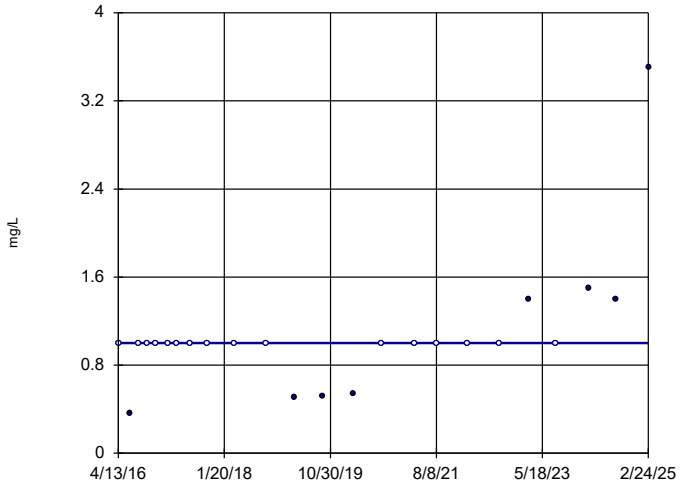
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

GWC-7



n = 24

Slope = 0 units per year.

Mann-Kendall statistic = 89 critical = 105

Trend not significant at 99% confidence level (α = 0.005 per tail).

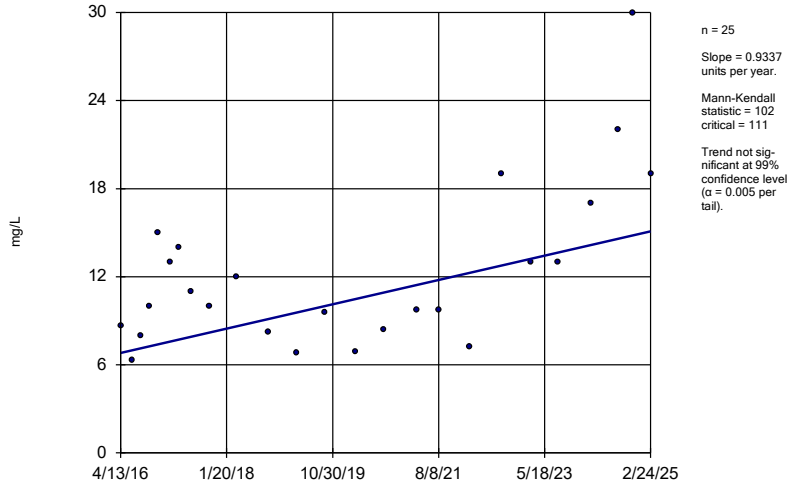
Constituent: Sulfate Analysis Run 8/12/2025 1:25 PM View: Appendix I & III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Sen's Slope Estimator

GWC-9



n = 25

Slope = 0.9337 units per year.

Mann-Kendall statistic = 102 critical = 111

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 8/12/2025 1:25 PM View: Appendix I & III Trend Tests

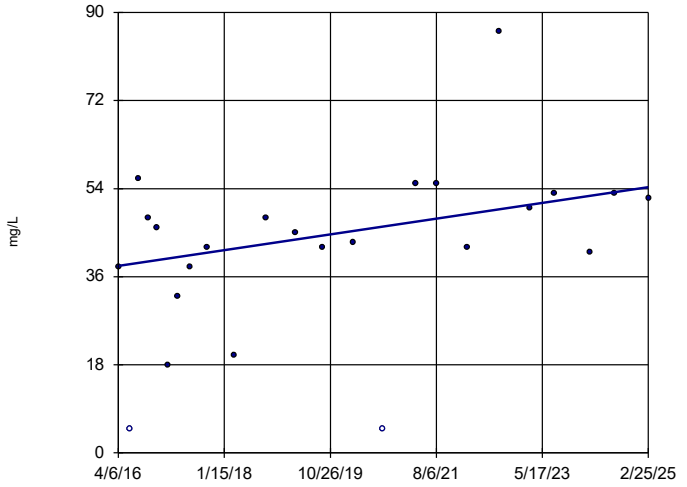
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-15 (bg)



n = 24

Slope = 1.809 units per year.

Mann-Kendall statistic = 78 critical = 105

Trend not significant at 99% confidence level (α = 0.005 per tail).

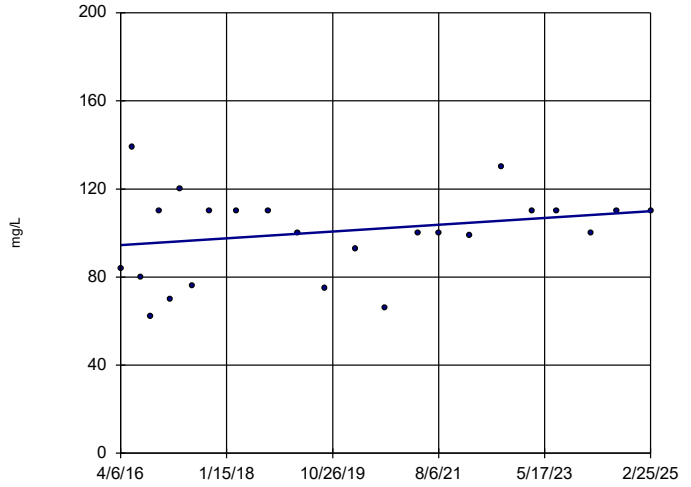
Constituent: TDS Analysis Run 8/12/2025 1:25 PM View: Appendix I & III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Sen's Slope Estimator

GWA-16 (bg)



n = 24

Slope = 1.73 units per year.

Mann-Kendall statistic = 40 critical = 105

Trend not significant at 99% confidence level (α = 0.005 per tail).

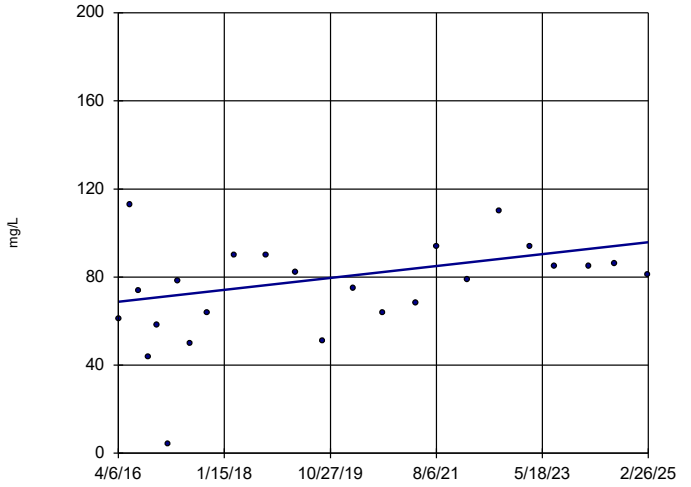
Constituent: TDS Analysis Run 8/12/2025 1:25 PM View: Appendix I & III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Sen's Slope Estimator

GWA-17 (bg)



n = 24

Slope = 3.043 units per year.

Mann-Kendall statistic = 90 critical = 105

Trend not significant at 99% confidence level (α = 0.005 per tail).

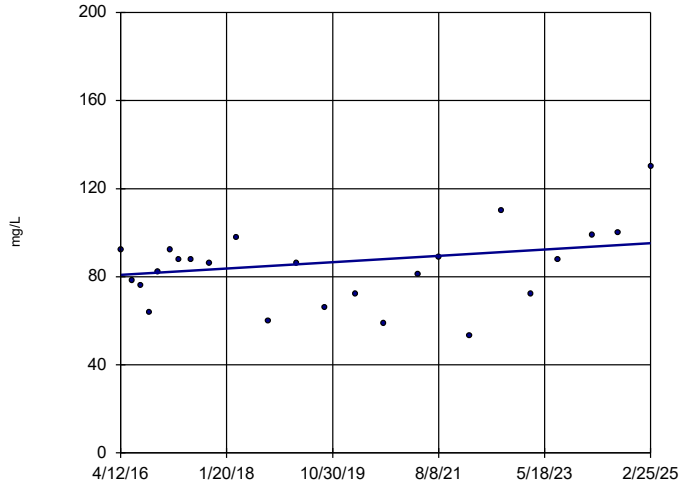
Constituent: TDS Analysis Run 8/12/2025 1:25 PM View: Appendix I & III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Sen's Slope Estimator

GWC-3



n = 24

Slope = 1.613 units per year.

Mann-Kendall statistic = 46 critical = 105

Trend not significant at 99% confidence level (α = 0.005 per tail).

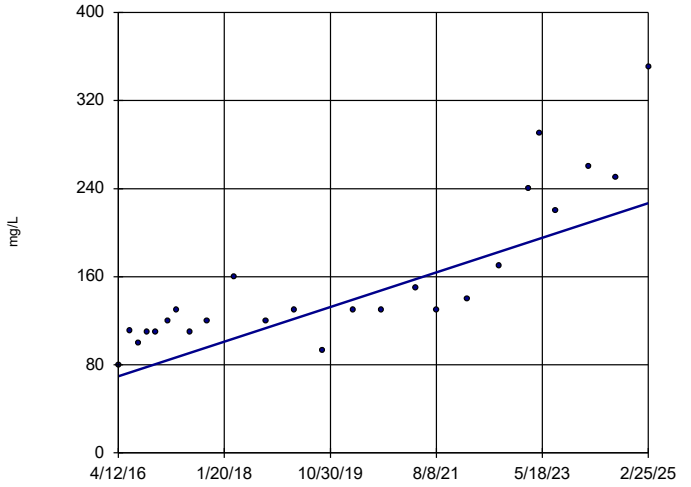
Constituent: TDS Analysis Run 8/12/2025 1:25 PM View: Appendix I & III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Sen's Slope Estimator

GWC-4



n = 25

Slope = 17.7 units per year.

Mann-Kendall statistic = 218 critical = 111

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

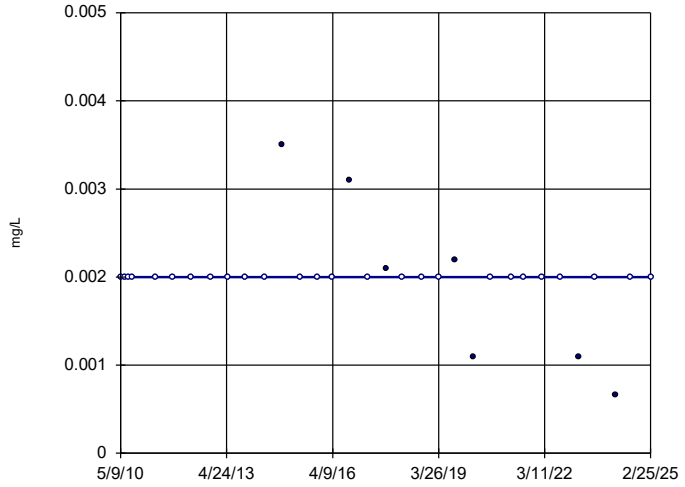
Constituent: TDS Analysis Run 8/12/2025 1:25 PM View: Appendix I & III Trend Tests

Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-15 (bg)



n = 33

Slope = 0 units per year.

Mann-Kendall statistic = -58
critical = -167

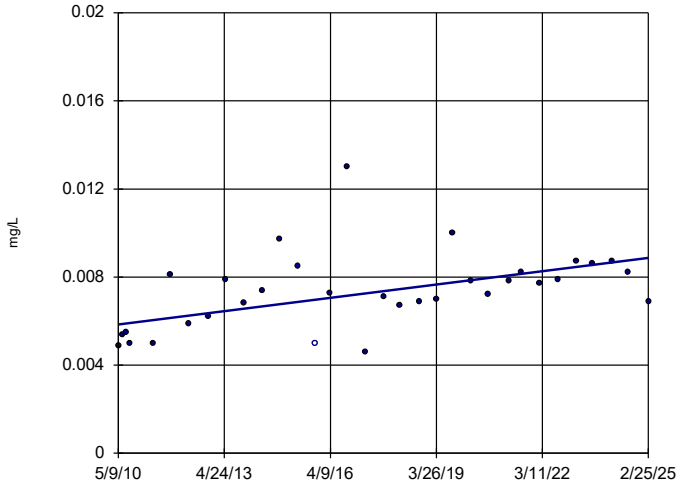
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Vanadium Analysis Run 8/12/2025 1:25 PM View: Appendix I & III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Sanitas™ v.10.0.27 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-16 (bg)



n = 33

Slope = 0.0002041 units per year.

Mann-Kendall statistic = 214
critical = 167

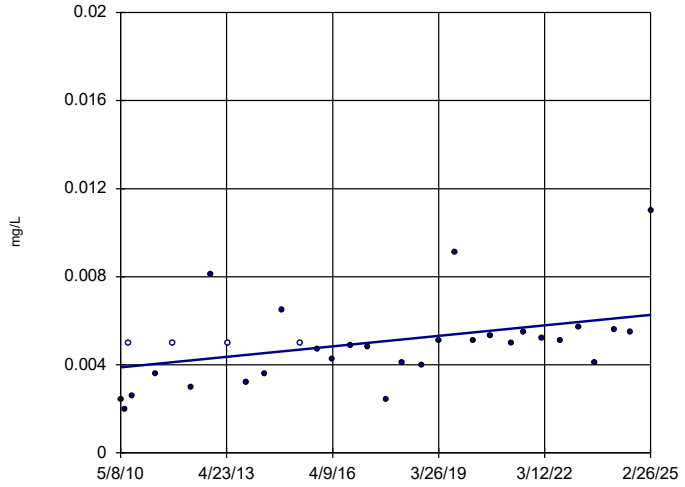
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Vanadium Analysis Run 8/12/2025 1:25 PM View: Appendix I & III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-17 (bg)



n = 33

Slope = 0.0001613 units per year.

Mann-Kendall statistic = 231
critical = 167

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Vanadium Analysis Run 8/12/2025 1:25 PM View: Appendix I & III Trend Tests
Plant Scherer Client: Southern Company Data: Scherer Cell 1

FIGURE L.

Appendix I Intrawell Prediction Limits - Resample - Significant Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 6/18/2025, 4:38 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Barium (mg/L)	**GWC-4**	**0.05318**	**n/a**	**4/22/2025**	**0.19**	**Yes**	**29**	**0.0383**	**0.005897**	**0**	**None**	**No**	**0.0001937**	**Param Intra 1 of 2**
Selenium (mg/L)	**GWC-4**	**0.005**	**n/a**	**4/22/2025**	**0.0091**	**Yes**	**37**	**n/a**	**n/a**	**81.08**	**n/a**	**n/a**	**0.001361**	**NP Intra (NDs) 1 of 2**

Appendix I Intrawell Prediction Limits - Resample - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 6/18/2025, 4:38 PM

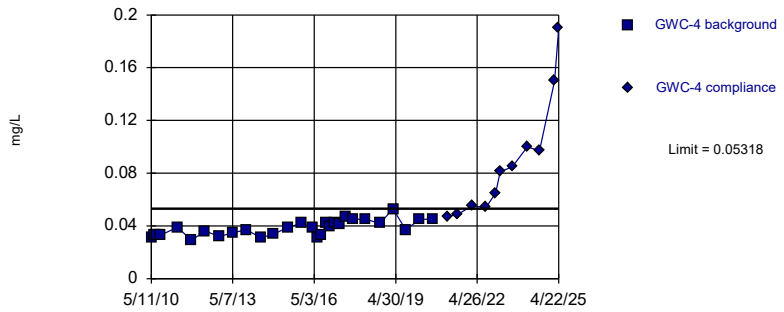
Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Barium (mg/L)	**GWC-4**	**0.05318**	**n/a**	**4/22/2025**	**0.19**	**Yes**	**29**	**0.0383**	**0.005897**	**0**	**None**	**No**	**0.0001937**	**Param Intra 1 of 2**
Barium (mg/L)	GWC-6	0.06535	n/a	4/22/2025	0.065	No	37	0.05372	0.004755	0	None	No	0.0001937	Param Intra 1 of 2
Selenium (mg/L)	**GWC-4**	**0.005**	**n/a**	**4/22/2025**	**0.0091**	**Yes**	**37**	**n/a**	**n/a**	**81.08**	**n/a**	**n/a**	**0.001361**	**NP Intra (NDs) 1 of 2**

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Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.0383, Std. Dev.=0.005897, n=29. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9543, critical = 0.898. Kappa = 2.524 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

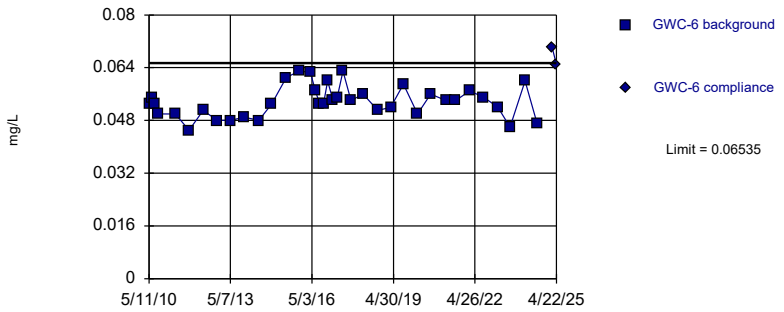
Constituent: Barium Analysis Run 6/18/2025 4:37 PM View: Appendix I - Intrawell Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.05372, Std. Dev.=0.004755, n=37. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9617, critical = 0.914. Kappa = 2.447 (c=16, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0001937.

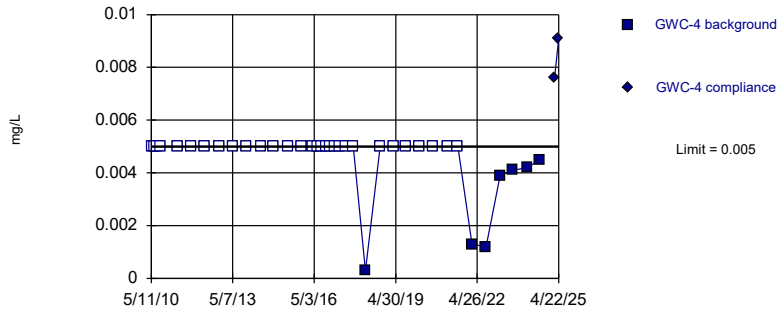
Constituent: Barium Analysis Run 6/18/2025 4:37 PM View: Appendix I - Intrawell Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Exceeds Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 81.08% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Constituent: Selenium Analysis Run 6/18/2025 4:37 PM View: Appendix I - Intrawell Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/18/2025 4:38 PM View: Appendix I - Intrawell Resample

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
5/11/2010	0.031 (J)	
6/17/2010	0.033 (J)	
7/28/2010	0.033 (J)	
9/8/2010	0.033 (J)	
4/28/2011	0.039 (J)	
10/29/2011	0.029	
5/3/2012	0.036	
11/10/2012	0.032	
5/10/2013	0.035	
11/6/2013	0.037	
5/22/2014	0.031	
11/9/2014	0.034	
5/22/2015	0.039	
11/11/2015	0.042	
4/12/2016	0.0386	
6/20/2016	0.031	
8/12/2016	0.033	
10/6/2016	0.042	
11/30/2016	0.04	
2/8/2017	0.042	
4/6/2017	0.041	
6/22/2017	0.047	
10/6/2017	0.045	
3/21/2018	0.045	
10/3/2018	0.042	
3/26/2019	0.053	
9/10/2019	0.037	
3/19/2020	0.045	
9/10/2020	0.045	
4/2/2021		0.047
8/12/2021		0.049
2/15/2022		0.055
8/25/2022		0.054
12/28/2022		0.065
2/27/2023		0.081
8/8/2023		0.085
2/29/2024		0.1
8/7/2024		0.097
2/25/2025		0.15
4/22/2025		0.19 (R)

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/18/2025 4:38 PM View: Appendix I - Intrawell Resample

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-6	GWC-6
5/11/2010	0.053 (J)	
6/18/2010	0.055 (J)	
7/27/2010	0.053 (J)	
9/9/2010	0.05 (J)	
4/30/2011	0.05 (J)	
10/29/2011	0.045	
5/4/2012	0.051	
11/10/2012	0.048	
5/9/2013	0.048	
11/7/2013	0.049	
5/21/2014	0.048	
11/9/2014	0.053	
5/24/2015	0.061	
11/11/2015	0.063	
4/12/2016	0.0626	
6/20/2016	0.057	
8/12/2016	0.053	
10/6/2016	0.053	
11/30/2016	0.06	
2/9/2017	0.054	
4/6/2017	0.055	
6/21/2017	0.063	
10/6/2017	0.054	
3/21/2018	0.056	
10/3/2018	0.051	
3/26/2019	0.052	
9/11/2019	0.059	
3/18/2020	0.05	
9/10/2020	0.056	
4/5/2021	0.054	
8/11/2021	0.054	
2/15/2022	0.057	
8/25/2022	0.055	
2/27/2023	0.052	
8/8/2023	0.046	
2/29/2024	0.06	
8/7/2024	0.047	
2/24/2025		0.07
4/22/2025		0.065 (R)

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 6/18/2025 4:38 PM View: Appendix I - Intrawell Resample

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
5/11/2010	<0.005	
6/17/2010	<0.005	
7/28/2010	<0.005	
9/8/2010	<0.005	
4/28/2011	<0.005	
10/29/2011	<0.005	
5/3/2012	<0.005	
11/10/2012	<0.005	
5/10/2013	<0.005	
11/6/2013	<0.005	
5/22/2014	<0.005	
11/9/2014	<0.005	
5/22/2015	<0.005	
11/11/2015	<0.005	
4/12/2016	<0.005	
6/20/2016	<0.005	
8/12/2016	<0.005	
10/6/2016	<0.005	
11/30/2016	<0.005	
2/8/2017	<0.005	
4/6/2017	<0.005	
6/22/2017	<0.005	
10/6/2017	<0.005	
3/21/2018	0.00029 (J)	
10/3/2018	<0.005	
3/26/2019	<0.005	
9/10/2019	<0.005	
3/19/2020	<0.005	
9/10/2020	<0.005	
4/2/2021	<0.005	
8/12/2021	<0.005	
2/15/2022	0.0013 (J)	
8/25/2022	0.0012 (J)	
2/27/2023	0.0039 (J)	
8/8/2023	0.0041 (J)	
2/29/2024	0.0042 (J)	
8/7/2024	0.0045 (J)	
2/25/2025		0.0076
4/22/2025		0.0091 (R)

ND substitution: RL or RL/2 if <15% NDs.

FIGURE M.

Appendix III Intrawell Prediction Limits - Resample - Significant Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 6/19/2025, 9:29 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Calcium (mg/L)	**GWC-4**	**17.6**	**n/a**	**4/22/2025**	**60**	**Yes**	**19**	**13**	**1.856**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
Calcium (mg/L)	**GWC-19**	**15.99**	**n/a**	**4/22/2025**	**20**	**Yes**	**15**	**11.46**	**1.718**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
Chloride (mg/L)	**GWC-4**	**16.42**	**n/a**	**4/22/2025**	**45**	**Yes**	**19**	**8.083**	**3.363**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
Sulfate (mg/L)	**GWC-3**	**1.1**	**n/a**	**4/23/2025**	**18**	**Yes**	**19**	**n/a**	**n/a**	**57.89**	**n/a**	**n/a**	**0.004832**	**NP Intra (NDs) 1 of 2**
Sulfate (mg/L)	**GWC-4**	**6.288**	**n/a**	**4/22/2025**	**180**	**Yes**	**15**	**2.937**	**1.27**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
Sulfate (mg/L)	**GWC-6**	**22.26**	**n/a**	**4/22/2025**	**38**	**Yes**	**24**	**3.352**	**0.5775**	**0**	**None**	**sqrt(x)**	**0.0004426**	**Param Intra 1 of 2**
TDS (mg/L)	**GWC-4**	**178.1**	**n/a**	**4/22/2025**	**470**	**Yes**	**19**	**123.4**	**22.1**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**

Appendix III Intrawell Prediction Limits - Resample - All Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 6/19/2025, 9:29 AM

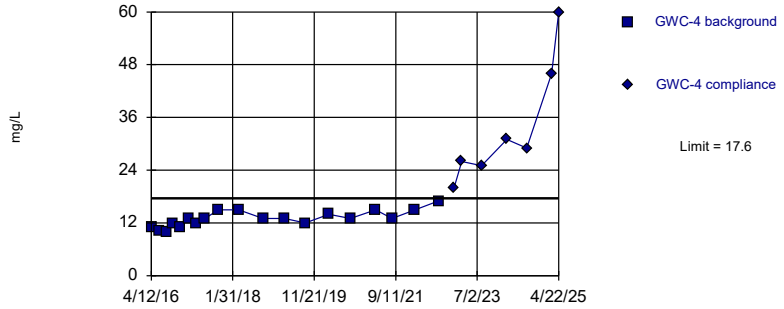
Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NBg	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Calcium (mg/L)	**GWC-4**	**17.6**	**n/a**	**4/22/2025**	**60**	**Yes**	**19**	**13**	**1.856**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
Calcium (mg/L)	GWC-6	21.45	n/a	4/22/2025	21	No	24	17.3	1.753	0	None	No	0.0004426	Param Intra 1 of 2
Calcium (mg/L)	**GWC-19**	**15.99**	**n/a**	**4/22/2025**	**20**	**Yes**	**15**	**11.46**	**1.718**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
Chloride (mg/L)	**GWC-4**	**16.42**	**n/a**	**4/22/2025**	**45**	**Yes**	**19**	**8.083**	**3.363**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
pH, Field (SU)	GWC-3	6.271	5.576	4/23/2025	5.88	No	42	7542	976.1	0	None	x^5	0.0002213	Param Intra 1 of 2
pH, Field (SU)	GWC-4	6.557	5.883	4/22/2025	6.18	No	43	60468	8638	0	None	x^6	0.0002213	Param Intra 1 of 2
pH, Field (SU)	GWC-6	6.48	5.5	4/22/2025	6.23	No	40	n/a	n/a	0	n/a	n/a	0.002317	NP Intra (normality) 1 of 2
pH, Field (SU)	GWC-9	6.82	5.97	4/22/2025	6.56	No	39	n/a	n/a	0	n/a	n/a	0.002453	NP Intra (normality) 1 of 2
pH, Field (SU)	GWC-19	6.79	5.87	4/22/2025	6.21	No	39	n/a	n/a	0	n/a	n/a	0.002453	NP Intra (normality) 1 of 2
Sulfate (mg/L)	**GWC-3**	**1.1**	**n/a**	**4/23/2025**	**18**	**Yes**	**19**	**n/a**	**n/a**	**57.89**	**n/a**	**n/a**	**0.004832**	**NP Intra (NDs) 1 of 2**
Sulfate (mg/L)	**GWC-4**	**6.288**	**n/a**	**4/22/2025**	**180**	**Yes**	**15**	**2.937**	**1.27**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**
Sulfate (mg/L)	**GWC-6**	**22.26**	**n/a**	**4/22/2025**	**38**	**Yes**	**24**	**3.352**	**0.5775**	**0**	**None**	**sqrt(x)**	**0.0004426**	**Param Intra 1 of 2**
TDS (mg/L)	**GWC-4**	**178.1**	**n/a**	**4/22/2025**	**470**	**Yes**	**19**	**123.4**	**22.1**	**0**	**None**	**No**	**0.0004426**	**Param Intra 1 of 2**

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Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=13, Std. Dev.=1.856, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9523, critical = 0.901. Kappa = 2.478 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 6/19/2025 9:27 AM View: Appendix III - Intrawell Resample

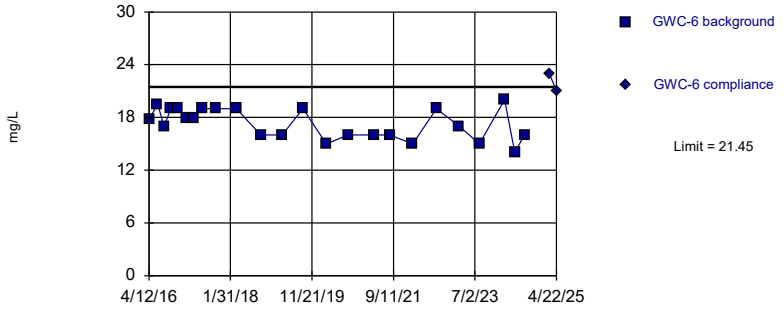
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=17.3, Std. Dev.=1.753, n=24. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9091, critical = 0.884. Kappa = 2.366 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 6/19/2025 9:27 AM View: Appendix III - Intrawell Resample

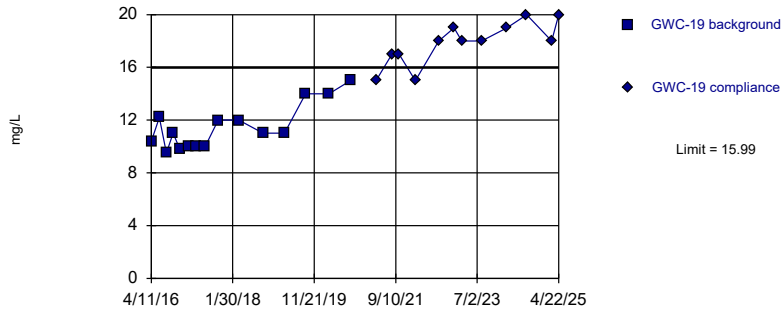
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=11.46, Std. Dev.=1.718, n=15. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.884, critical = 0.881. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Calcium Analysis Run 6/19/2025 9:27 AM View: Appendix III - Intrawell Resample

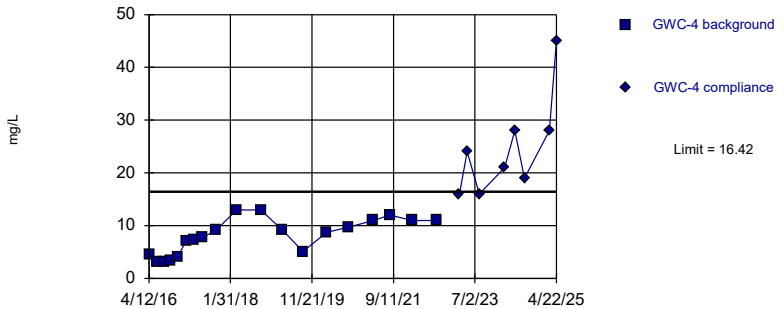
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=8.083, Std. Dev.=3.363, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9273, critical = 0.901. Kappa = 2.478 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: Chloride Analysis Run 6/19/2025 9:27 AM View: Appendix III - Intrawell Resample

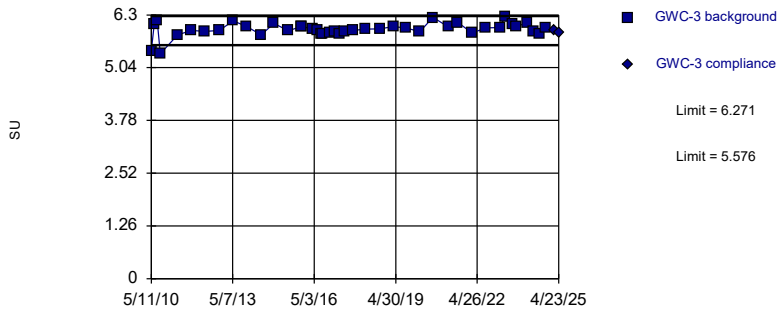
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary (based on x^5 transformation): Mean=7542, Std. Dev.=976.1, n=42. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9223, critical = 0.922. Kappa = 2.206 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH, Field Analysis Run 6/19/2025 9:27 AM View: Appendix III - Intrawell Resample

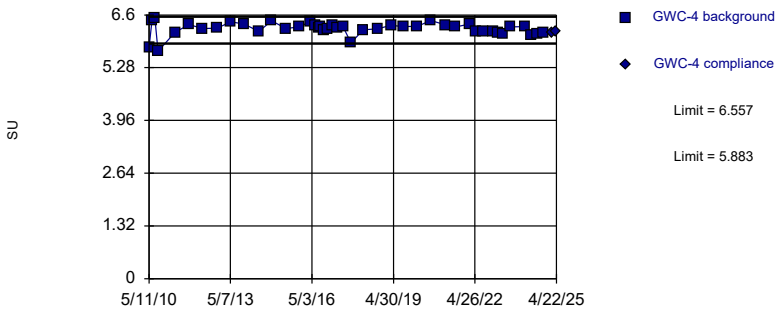
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary (based on x^6 transformation): Mean=60468, Std. Dev.=8638, n=43. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.93, critical = 0.923. Kappa = 2.201 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: pH, Field Analysis Run 6/19/2025 9:27 AM View: Appendix III - Intrawell Resample

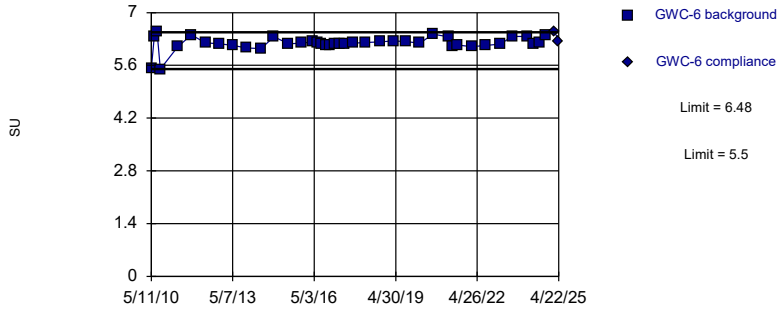
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Within Limits

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 40 background values. Well-constituent pair annual alpha = 0.004632. Individual comparison alpha = 0.002317 (1 of 2).

Constituent: pH, Field Analysis Run 6/19/2025 9:27 AM View: Appendix III - Intrawell Resample

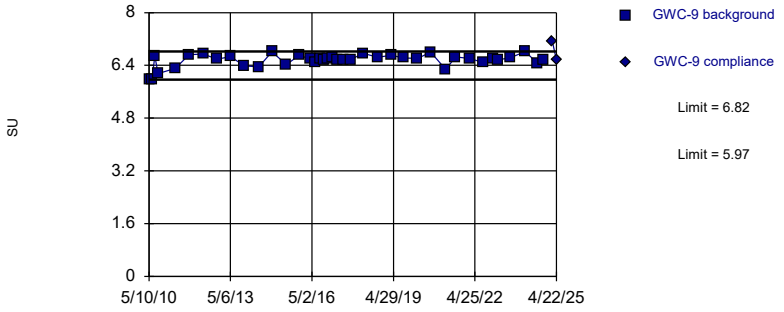
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Within Limits

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 39 background values. Well-constituent pair annual alpha = 0.004902. Individual comparison alpha = 0.002453 (1 of 2).

Constituent: pH, Field Analysis Run 6/19/2025 9:27 AM View: Appendix III - Intrawell Resample

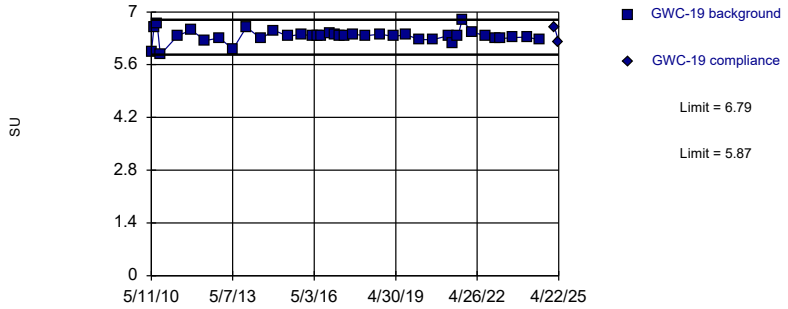
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Within Limits

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 39 background values. Well-constituent pair annual alpha = 0.004902. Individual comparison alpha = 0.002453 (1 of 2).

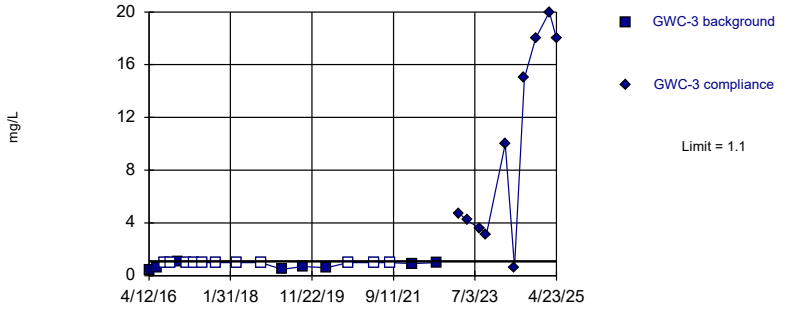
Constituent: pH, Field Analysis Run 6/19/2025 9:27 AM View: Appendix III - Intrawell Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Exceeds Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 19 background values. 57.89% NDs. Well-constituent pair annual alpha = 0.009641. Individual comparison alpha = 0.004832 (1 of 2).

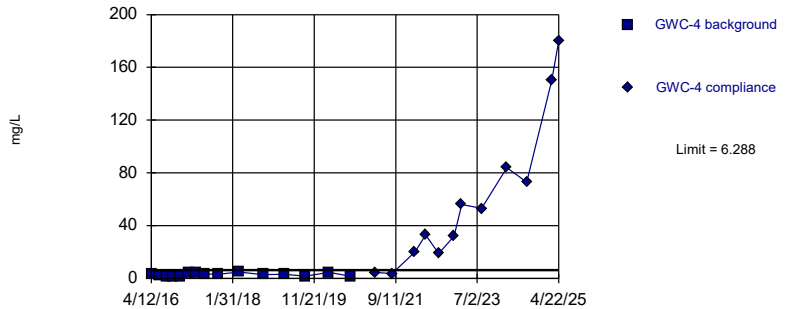
Constituent: Sulfate Analysis Run 6/19/2025 9:27 AM View: Appendix III - Intrawell Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=2.937, Std. Dev.=1.27, n=15. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9294, critical = 0.881. Kappa = 2.638 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

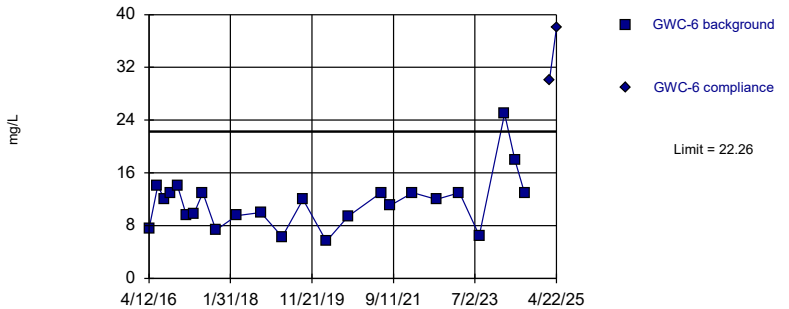
Constituent: Sulfate Analysis Run 6/19/2025 9:27 AM View: Appendix III - Intrawell Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=3.352, Std. Dev.=0.5775, n=24. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9279, critical = 0.884. Kappa = 2.366 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

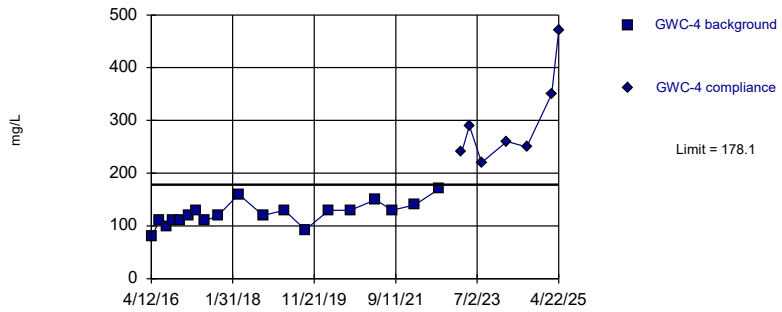
Constituent: Sulfate Analysis Run 6/19/2025 9:27 AM View: Appendix III - Intrawell Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=123.4, Std. Dev.=22.1, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9712, critical = 0.901. Kappa = 2.478 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004426.

Constituent: TDS Analysis Run 6/19/2025 9:27 AM View: Appendix III - Intrawell Resample

Plant Scherer Client: Southern Company Data: Scherer Cell 1

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 6/19/2025 9:29 AM View: Appendix III - Intrawell Resample

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
4/12/2016	11	
6/20/2016	10.1	
8/12/2016	9.9	
10/6/2016	12	
11/30/2016	11	
2/8/2017	13	
4/6/2017	12	
6/22/2017	13	
10/6/2017	15	
3/21/2018	15	
10/3/2018	13	
3/26/2019	13	
9/10/2019	12	
3/19/2020	14	
9/10/2020	13	
4/2/2021	15	
8/12/2021	13	
2/15/2022	15	
8/25/2022	17	
12/28/2022		20
2/27/2023		26
8/8/2023		25
2/29/2024		31
8/7/2024		29
2/25/2025		46
4/22/2025		60 (R)

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 6/19/2025 9:29 AM View: Appendix III - Intrawell Resample

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-6	GWC-6
4/12/2016	17.8	
6/20/2016	19.5	
8/12/2016	17	
10/6/2016	19	
11/30/2016	19	
2/9/2017	18	
4/6/2017	18	
6/21/2017	19	
10/6/2017	19	
3/21/2018	19	
10/3/2018	16	
3/26/2019	16	
9/11/2019	19	
3/18/2020	15	
9/10/2020	16	
4/5/2021	16	
8/11/2021	16	
2/15/2022	15	
8/25/2022	19	
2/27/2023	17	
8/8/2023	15	
2/29/2024	20	
5/20/2024	14	
8/7/2024	16	
2/24/2025		23
4/22/2025		21 (R)

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 6/19/2025 9:29 AM View: Appendix III - Intrawell Resample

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-19	GWC-19
4/11/2016	10.4	
6/16/2016	12.2	
8/11/2016	9.5	
10/5/2016	11	
11/29/2016	9.8	
2/8/2017	10	
4/5/2017	10	
6/21/2017	10	
10/5/2017	12	
3/20/2018	12	
10/2/2018	11	
3/26/2019	11	
9/12/2019	14	
3/19/2020	14	
9/9/2020	15	
4/5/2021		15
8/11/2021		17
10/7/2021		17
2/16/2022		15
8/25/2022		18
12/28/2022		19
2/28/2023		18
8/8/2023		18
2/29/2024		19
8/6/2024		20
2/25/2025		18
4/22/2025		20 (R)

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 6/19/2025 9:29 AM View: Appendix III - Intrawell Resample

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
4/12/2016	4.57	
6/20/2016	3.1	
8/16/2016	3.2	
10/6/2016	3.4	
11/30/2016	4.1	
2/8/2017	7.2	
4/6/2017	7.4	
6/22/2017	7.8	
10/6/2017	9.1	
3/21/2018	13	
10/3/2018	13	
3/26/2019	9.2	
9/10/2019	5.1	
3/19/2020	8.7	
9/10/2020	9.7	
4/2/2021	11	
8/12/2021	12	
2/15/2022	11	
8/25/2022	11	
2/27/2023		16
5/2/2023		24
8/8/2023		16
2/29/2024		21
5/20/2024		28
8/7/2024		19
2/25/2025		28
4/22/2025		45 (R)

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 6/19/2025 9:29 AM View: Appendix III - Intrawell Resample

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-3
5/11/2010	5.45	
6/17/2010	6.08	
7/28/2010	6.18	
9/7/2010	5.37	
4/29/2011	5.82	
10/28/2011	5.93	
5/3/2012	5.91	
11/9/2012	5.93	
5/10/2013	6.16	
11/6/2013	6.03	
5/22/2014	5.825 (D)	
11/9/2014	6.1	
5/22/2015	5.92	
11/10/2015	6.02	
11/16/2015	6.02	
4/12/2016	5.97	
6/20/2016	5.93	
8/12/2016	5.86	
8/16/2016	5.86	
10/5/2016	5.1 (O)	
11/30/2016	5.88	
2/8/2017	5.89	
4/6/2017	5.84	
6/21/2017	5.91	
10/5/2017	5.93	
3/21/2018	5.96	
10/3/2018	5.97	
3/26/2019	6.02	
9/10/2019	5.99	
3/18/2020	5.9	
9/10/2020	6.24	
4/6/2021	6.01	
8/12/2021	6.12	
2/15/2022	5.87	
8/25/2022	5.99	
2/28/2023	6	
5/2/2023	6.27	
8/9/2023	6.07	
10/4/2023	6.03	
3/4/2024	6.11	
5/20/2024	5.9	
8/7/2024	5.84	
11/7/2024	6	
2/25/2025		5.93
4/23/2025		5.88 (R)

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 6/19/2025 9:29 AM View: Appendix III - Intrawell Resample

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
5/11/2010	5.79	
6/17/2010	6.45	
7/28/2010	6.53	
9/8/2010	5.69	
4/28/2011	6.17	
10/29/2011	6.36	
5/3/2012	6.26	
11/10/2012	6.27	
5/10/2013	6.43	
11/6/2013	6.37	
5/22/2014	6.19 (D)	
11/9/2014	6.45	
5/22/2015	6.26	
11/11/2015	6.3	
4/12/2016	6.44	
6/20/2016	6.33	
8/12/2016	6.29	
8/16/2016	6.3	
10/6/2016	6.21	
11/30/2016	6.26	
2/8/2017	6.35	
4/6/2017	6.29	
6/22/2017	6.31	
10/6/2017	5.9	
3/21/2018	6.23	
10/3/2018	6.25	
3/26/2019	6.34	
9/10/2019	6.31	
3/19/2020	6.32	
9/10/2020	6.46	
4/2/2021	6.35	
8/12/2021	6.3	
2/15/2022	6.37	
5/12/2022	6.19	
8/25/2022	6.19	
12/28/2022	6.2	
2/27/2023	6.17	
5/2/2023	6.13	
8/8/2023	6.3	
2/29/2024	6.31	
5/20/2024	6.08	
8/7/2024	6.12	
11/6/2024	6.15	
2/25/2025		6.17
4/22/2025		6.18 (R)

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 6/19/2025 9:29 AM View: Appendix III - Intrawell Resample

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-6	GWC-6
5/11/2010	5.52	
6/18/2010	6.35	
7/27/2010	6.48	
9/9/2010	5.5	
4/30/2011	6.09	
10/29/2011	6.41	
5/4/2012	6.2	
11/10/2012	6.17	
5/9/2013	6.13	
11/7/2013	6.06	
5/21/2014	6.045 (D)	
11/9/2014	6.36	
5/24/2015	6.17	
11/11/2015	6.19	
4/12/2016	6.22	
6/20/2016	6.2	
8/12/2016	6.17	
10/6/2016	6.14	
11/30/2016	6.14	
2/9/2017	6.18	
4/6/2017	6.17	
6/21/2017	6.17	
10/6/2017	6.19	
3/21/2018	6.21	
10/3/2018	6.22	
3/26/2019	6.25	
9/11/2019	6.23	
3/18/2020	6.19	
9/10/2020	6.43	
4/5/2021	6.36	
6/2/2021	6.09	
8/11/2021	6.14	
2/15/2022	6.1	
8/25/2022	6.13	
2/27/2023	6.16	
8/8/2023	6.37	
2/29/2024	6.37	
5/20/2024	6.16	
8/7/2024	6.19	
11/6/2024	6.4	
2/24/2025		6.5
4/22/2025		6.23 (R)

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 6/19/2025 9:29 AM View: Appendix III - Intrawell Resample

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-9	GWC-9
5/10/2010	5.99	
6/16/2010	5.97	
7/27/2010	6.69	
9/8/2010	6.15	
4/29/2011	6.31	
10/27/2011	6.72	
5/3/2012	6.74	
11/11/2012	6.59	
5/9/2013	6.67	
11/6/2013	6.38	
5/21/2014	6.355 (D)	
11/12/2014	6.81	
5/23/2015	6.42	
11/12/2015	6.7	
4/13/2016	6.59	
6/22/2016	6.49	
8/15/2016	6.61	
10/6/2016	6.55	
12/1/2016	6.59	
2/8/2017	6.63	
4/6/2017	6.58	
6/21/2017	6.56	
10/5/2017	6.58	
3/21/2018	6.76	
10/2/2018	6.65	
3/27/2019	6.7	
9/11/2019	6.63	
3/18/2020	6.61	
9/9/2020	6.8	
4/1/2021	6.28	
8/12/2021	6.66	
2/15/2022	6.61	
8/25/2022	6.48	
12/28/2022	6.62	
2/27/2023	6.57	
8/8/2023	6.63	
3/1/2024	6.82	
8/6/2024	6.47	
11/6/2024	6.58	
2/24/2025		7.14
4/22/2025		6.56 (R)

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 6/19/2025 9:29 AM View: Appendix III - Intrawell Resample

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-19	GWC-19
5/11/2010	5.93	
6/16/2010	6.58	
7/27/2010	6.69	
9/7/2010	5.87	
4/29/2011	6.37	
10/28/2011	6.52	
5/2/2012	6.24	
11/9/2012	6.31	
5/9/2013	6.01	
11/6/2013	6.6	
5/22/2014	6.295 (D)	
11/8/2014	6.51	
5/22/2015	6.35	
11/10/2015	6.41	
4/11/2016	6.36	
6/16/2016	6.35	
8/11/2016	6.37	
10/5/2016	5.78 (O)	
11/29/2016	6.44	
2/8/2017	6.4	
4/5/2017	6.35	
6/21/2017	6.36	
10/5/2017	6.41	
3/20/2018	6.37	
10/2/2018	6.41	
3/26/2019	6.35	
9/12/2019	6.39	
3/19/2020	6.27	
9/9/2020	6.27	
4/5/2021	6.37	
6/1/2021	6.18	
8/11/2021	6.35	
10/7/2021	6.79	
2/16/2022	6.47	
8/25/2022	6.36	
12/28/2022	6.29	
2/28/2023	6.29	
8/8/2023	6.32	
2/29/2024	6.33	
8/6/2024	6.26	
2/25/2025		6.59
4/22/2025		6.21 (R)

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 6/19/2025 9:29 AM View: Appendix III - Intrawell Resample

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-3	GWC-3
4/12/2016	0.419 (J)	
6/20/2016	0.6 (J)	
8/16/2016	<1	
10/5/2016	<1	
11/30/2016	1.1	
2/8/2017	<1	
4/6/2017	<1	
6/21/2017	<1	
10/5/2017	<1	
3/21/2018	<1	
10/3/2018	<1	
3/26/2019	0.47 (J)	
9/10/2019	0.7 (J)	
3/18/2020	0.6 (J)	
9/10/2020	<1	
4/6/2021	<1	
8/12/2021	<1	
2/15/2022	0.91 (J)	
8/25/2022	0.99 (J)	
2/28/2023		4.7
5/2/2023		4.2
8/9/2023		3.6
10/4/2023		3.1
3/4/2024		10
5/20/2024		0.64 (J)
8/7/2024		15
11/7/2024		18
2/25/2025		20
4/23/2025		18 (R)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 6/19/2025 9:29 AM View: Appendix III - Intrawell Resample

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
4/12/2016	3.56	
6/20/2016	2.4	
8/16/2016	1.7	
10/6/2016	1.2	
11/30/2016	1.2	
2/8/2017	4.6	
4/6/2017	4.1	
6/22/2017	3.4	
10/6/2017	3	
3/21/2018	4.9	
10/3/2018	2.9	
3/26/2019	3.2	
9/10/2019	1.7	
3/19/2020	4.6	
9/10/2020	1.6	
4/2/2021		4.6
8/12/2021		3.5
2/15/2022		20
5/12/2022		33
8/25/2022		19
12/28/2022		32
2/27/2023		56
8/8/2023		53
2/29/2024		84
8/7/2024		73
2/25/2025		150
4/22/2025		180 (R)

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 6/19/2025 9:29 AM View: Appendix III - Intrawell Resample

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-6	GWC-6
4/12/2016	7.55	
6/20/2016	14	
8/16/2016	12	
10/6/2016	13	
11/30/2016	14	
2/9/2017	9.5	
4/6/2017	9.7	
6/21/2017	13	
10/6/2017	7.3	
3/21/2018	9.5	
10/3/2018	10	
3/26/2019	6.3	
9/11/2019	12	
3/18/2020	5.6	
9/10/2020	9.4	
6/2/2021	13	
8/11/2021	11	
2/15/2022	13	
8/25/2022	12	
2/27/2023	13	
8/8/2023	6.5	
2/29/2024	25	
5/20/2024	18	
8/7/2024	13	
2/24/2025		30
4/22/2025		38 (R)

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 6/19/2025 9:29 AM View: Appendix III - Intrawell Resample

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWC-4	GWC-4
4/12/2016	80	
6/20/2016	111	
8/16/2016	100	
10/6/2016	110	
11/30/2016	110	
2/8/2017	120	
4/6/2017	130	
6/22/2017	110	
10/6/2017	120	
3/21/2018	160	
10/3/2018	120	
3/26/2019	130	
9/10/2019	93	
3/19/2020	130	
9/10/2020	130	
4/2/2021	150	
8/12/2021	130	
2/15/2022	140	
8/25/2022	170	
2/27/2023		240
5/2/2023		290
8/8/2023		220
2/29/2024		260
8/7/2024		250
2/25/2025		350
4/22/2025		470 (R)

FIGURE N.

Appendix I Interwell Prediction Limits - Two-Step Resample - All/Significant Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 6/18/2025, 4:40 PM

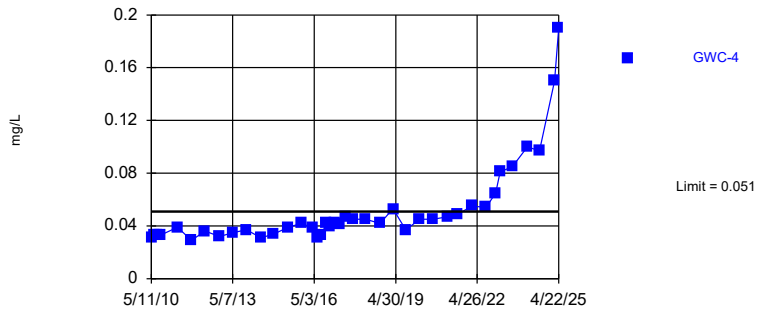
Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Barium (mg/L)	**GWC-4**	**0.051**	**n/a**	**4/22/2025**	**0.19**	**Yes**	**114**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0001512**	**NP Inter (normality) 1 of 2**
Selenium (mg/L)	**GWC-4**	**0.005**	**n/a**	**4/22/2025**	**0.0091**	**Yes**	**114**	**n/a**	**n/a**	**94.74**	**n/a**	**n/a**	**0.0001512**	**NP Inter (NDs) 1 of 2**

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Exceeds Limit: GWC-4

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 114 background values. Annual per-constituent alpha = 0.005128. Individual comparison alpha = 0.0001512 (1 of 2). Assumes 16 future values.

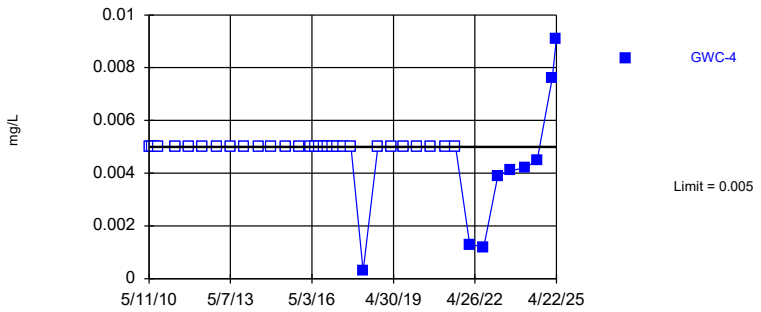
Constituent: Barium Analysis Run 6/18/2025 4:39 PM View: Appendix I Interwell - Two-Step Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Exceeds Limit: GWC-4

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 114 background values. 94.74% NDs. Annual per-constituent alpha = 0.005128. Individual comparison alpha = 0.0001512 (1 of 2). Assumes 16 future values.

Constituent: Selenium Analysis Run 6/18/2025 4:39 PM View: Appendix I Interwell - Two-Step Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/18/2025 4:40 PM View: Appendix I Interwell - Two-Step Resample

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17 (bg)	GWA-16 (bg)	GWA-15 (bg)	GWC-4
5/8/2010	0.048 (J)			
5/9/2010		0.031 (J)	0.01 (J)	
5/11/2010				0.031 (J)
6/16/2010	0.044 (J)	0.029 (J)		
6/17/2010				0.033 (J)
6/18/2010			0.01 (J)	
7/26/2010	0.042 (J)			
7/27/2010		0.029 (J)		
7/28/2010			0.011 (J)	0.033 (J)
9/7/2010	0.04 (J)	0.028 (J)		
9/8/2010				0.033 (J)
9/9/2010			0.011 (J)	
4/28/2011				0.039 (J)
4/29/2011	0.038 (J)	0.026 (J)		
4/30/2011			0.0091 (J)	
10/28/2011	0.034	0.025	0.0096 (J)	
10/29/2011				0.029
5/2/2012	0.03	0.025	0.012	
5/3/2012				0.036
11/9/2012	0.039	0.028	0.012	
11/10/2012				0.032
5/8/2013	0.034	0.029	0.01	
5/10/2013				0.035
11/5/2013			0.0098 (J)	
11/6/2013	0.032	0.026		0.037
5/20/2014	0.03	0.025	0.0081 (J)	
5/22/2014				0.031
11/8/2014	0.031	0.026		
11/9/2014				0.034
11/12/2014			0.0098 (J)	
5/22/2015	0.033	0.026	0.0088 (J)	0.039
11/9/2015	0.034	0.024		
11/11/2015			0.011	0.042
4/6/2016	0.0347	0.026	0.00959 (J)	
4/12/2016				0.0386
6/15/2016	0.029	0.023	0.0091 (J)	
6/20/2016				0.031
8/10/2016	0.027	0.022	0.009	
8/12/2016				0.033
10/4/2016		0.024	0.0092	
10/5/2016	0.029			
10/6/2016				0.042
11/29/2016	0.024	0.023		
11/30/2016			0.011	0.04
2/7/2017	0.029	0.024	0.0099	
2/8/2017				0.042
4/4/2017	0.03	0.022	0.0092	
4/6/2017				0.041
6/20/2017	0.036	0.025	0.0099	
6/22/2017				0.047
10/4/2017			0.0098	
10/5/2017	0.027	0.023		

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 6/18/2025 4:40 PM View: Appendix I Interwell - Two-Step Resample

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17 (bg)	GWA-16 (bg)	GWA-15 (bg)	GWC-4
10/6/2017				0.045
3/20/2018	0.027	0.023	0.01	
3/21/2018				0.045
10/2/2018	0.027	0.023	0.0099	
10/3/2018				0.042
3/26/2019	0.031	0.024	0.0099	0.053
9/10/2019	0.051	0.039	0.011	0.037
3/18/2020	0.031	0.027	0.01	
3/19/2020				0.045
9/9/2020	0.033	0.024	0.01	
9/10/2020				0.045
4/1/2021	0.029	0.024	0.0092 (J)	
4/2/2021				0.047
8/11/2021	0.029	0.023	0.01	
8/12/2021				0.049
2/15/2022	0.031	0.024	0.012	0.055
8/24/2022	0.031			
8/25/2022		0.025	0.012	0.054
12/28/2022				0.065
2/27/2023				0.081
2/28/2023	0.03	0.025	0.01	
8/3/2023	0.027	0.026	0.01	
8/8/2023				0.085
2/28/2024	0.032	0.03		
2/29/2024				0.1
3/4/2024			0.01	
8/6/2024	0.033	0.031	0.01	
8/7/2024				0.097
2/25/2025		0.028	0.013	0.15
2/26/2025	0.027			
4/22/2025				0.19 (R)

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 6/18/2025 4:40 PM View: Appendix I Interwell - Two-Step Resample

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17 (bg)	GWA-16 (bg)	GWA-15 (bg)	GWC-4
5/8/2010	<0.005			
5/9/2010		<0.005	<0.005	
5/11/2010				<0.005
6/16/2010	<0.005	<0.005		
6/17/2010				<0.005
6/18/2010			<0.005	
7/26/2010	<0.005			
7/27/2010		<0.005		
7/28/2010			<0.005	<0.005
9/7/2010	<0.005	<0.005		
9/8/2010				<0.005
9/9/2010			<0.005	
4/28/2011				<0.005
4/29/2011	<0.005	<0.005		
4/30/2011			<0.005	
10/28/2011	<0.005	<0.005	<0.005	
10/29/2011				<0.005
5/2/2012	<0.005	<0.005	<0.005	
5/3/2012				<0.005
11/9/2012	<0.005	<0.005	<0.005	
11/10/2012				<0.005
5/8/2013	0.0044 (J)	<0.005	<0.005	
5/10/2013				<0.005
11/5/2013			<0.005	
11/6/2013	<0.005	<0.005		<0.005
5/20/2014	<0.005	<0.005	<0.005	
5/22/2014				<0.005
11/8/2014	<0.005	<0.005		
11/9/2014				<0.005
11/12/2014			<0.005	
5/22/2015	<0.005	<0.005	<0.005	<0.005
11/9/2015	<0.005	0.0043 (J)		
11/11/2015			<0.005	<0.005
4/6/2016	<0.005	<0.005	<0.005	
4/12/2016				<0.005
6/15/2016	<0.005	<0.005	<0.005	
6/20/2016				<0.005
8/10/2016	<0.005	<0.005	<0.005	
8/12/2016				<0.005
10/4/2016		<0.005	<0.005	
10/5/2016	<0.005			
10/6/2016				<0.005
11/29/2016	<0.005	0.00024 (J)		
11/30/2016			<0.005	<0.005
2/7/2017	<0.005	<0.005	<0.005	
2/8/2017				<0.005
4/4/2017	<0.005	0.0017	0.00067 (J)	
4/6/2017				<0.005
6/20/2017	<0.005	<0.005	<0.005	
6/22/2017				<0.005
10/4/2017			<0.005	
10/5/2017	0.00027 (J)	<0.005		

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 6/18/2025 4:40 PM View: Appendix I Interwell - Two-Step Resample

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-17 (bg)	GWA-16 (bg)	GWA-15 (bg)	GWC-4
10/6/2017				<0.005
3/20/2018	<0.005	<0.005	<0.005	
3/21/2018				0.00029 (J)
10/2/2018	<0.005	<0.005	<0.005	
10/3/2018				<0.005
3/26/2019	<0.005	<0.005	<0.005	<0.005
9/10/2019	<0.005	<0.005	<0.005	<0.005
3/18/2020	<0.005	<0.005	<0.005	
3/19/2020				<0.005
9/9/2020	<0.005	<0.005	<0.005	
9/10/2020				<0.005
4/1/2021	<0.005	<0.005	<0.005	
4/2/2021				<0.005
8/11/2021	<0.005	<0.005	<0.005	
8/12/2021				<0.005
2/15/2022	<0.005	<0.005	<0.005	0.0013 (J)
8/24/2022	<0.005			
8/25/2022		<0.005	<0.005	0.0012 (J)
2/27/2023				0.0039 (J)
2/28/2023	<0.005	<0.005	<0.005	
8/3/2023	<0.005	<0.005	<0.005	
8/8/2023				0.0041 (J)
2/28/2024	<0.005	<0.005		
2/29/2024				0.0042 (J)
3/4/2024			<0.005	
8/6/2024	<0.005	<0.005	<0.005	
8/7/2024				0.0045 (J)
2/25/2025		<0.005	<0.005	0.0076
2/26/2025	<0.005			
4/22/2025				0.0091 (R)

ND substitution: RL or RL/2 if <15% NDs.

FIGURE O.

Appendix III Interwell Prediction Limits - Two-Step Resample - All/Significant Results

Plant Scherer Client: Southern Company Data: Scherer Cell 1 Printed 6/19/2025, 9:32 AM

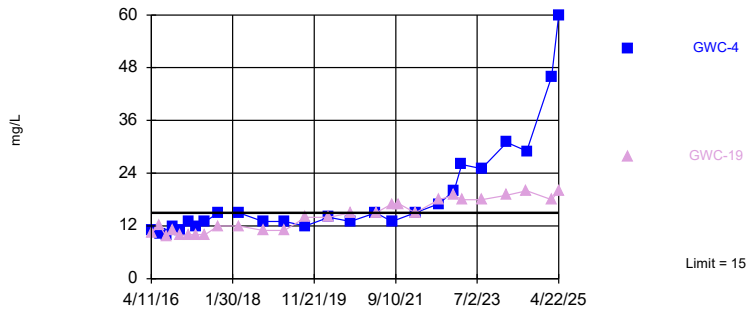
Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Calcium (mg/L)	**GWC-4**	**15**	**n/a**	**4/22/2025**	**60**	**Yes**	**72**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0003627**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	**GWC-19**	**15**	**n/a**	**4/22/2025**	**20**	**Yes**	**72**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0003627**	**NP Inter (normality) 1 of 2**
Chloride (mg/L)	**GWC-4**	**7.2**	**n/a**	**4/22/2025**	**45**	**Yes**	**72**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0003627**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**GWC-3**	**3.6**	**n/a**	**4/23/2025**	**18**	**Yes**	**72**	**n/a**	**n/a**	**63.89**	**n/a**	**n/a**	**0.0003627**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**GWC-4**	**3.6**	**n/a**	**4/22/2025**	**180**	**Yes**	**72**	**n/a**	**n/a**	**63.89**	**n/a**	**n/a**	**0.0003627**	**NP Inter (NDs) 1 of 2**
Sulfate (mg/L)	**GWC-6**	**3.6**	**n/a**	**4/22/2025**	**38**	**Yes**	**72**	**n/a**	**n/a**	**63.89**	**n/a**	**n/a**	**0.0003627**	**NP Inter (NDs) 1 of 2**
TDS (mg/L)	**GWC-4**	**136.9**	**n/a**	**4/22/2025**	**470**	**Yes**	**72**	**71.76**	**30.7**	**2.778**	**None**	**No**	**0.0004426**	**Param Inter 1 of 2**

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Exceeds Limit: GWC-4, GWC-19

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Francia normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 72 background values. Annual per-constituent alpha = 0.01226. Individual comparison alpha = 0.0003627 (1 of 2). Comparing 2 points to limit. Assumes 15 future values.

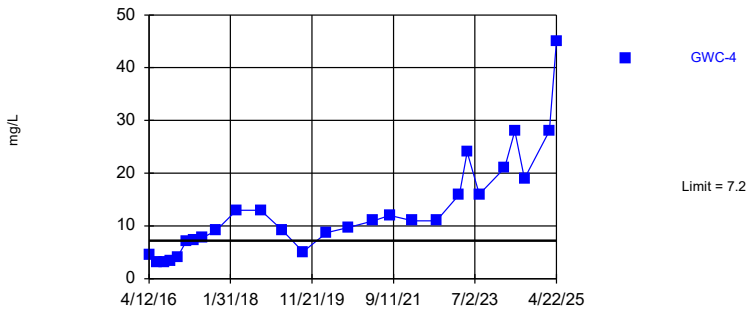
Constituent: Calcium Analysis Run 6/19/2025 9:31 AM View: Appendix III - Interwell Two-Step Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Exceeds Limit: GWC-4

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Francia normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 72 background values. Annual per-constituent alpha = 0.01226. Individual comparison alpha = 0.0003627 (1 of 2). Assumes 16 future values.

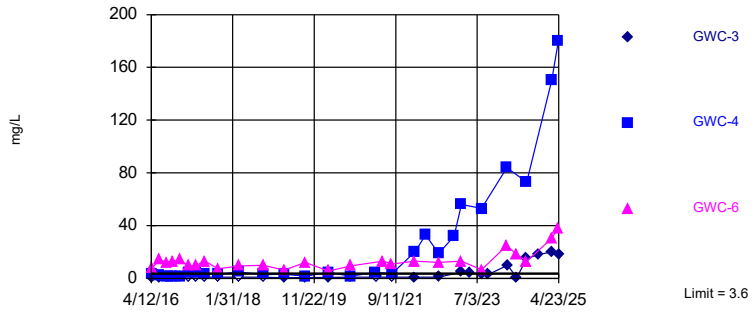
Constituent: Chloride Analysis Run 6/19/2025 9:31 AM View: Appendix III - Interwell Two-Step Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Hollow symbols indicate censored values.

Exceeds Limit: GWC-3, GWC-4, GWC-6

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 72 background values. 63.89% NDs. Annual per-constituent alpha = 0.01226. Individual comparison alpha = 0.0003627 (1 of 2). Comparing 3 points to limit. Assumes 14 future values.

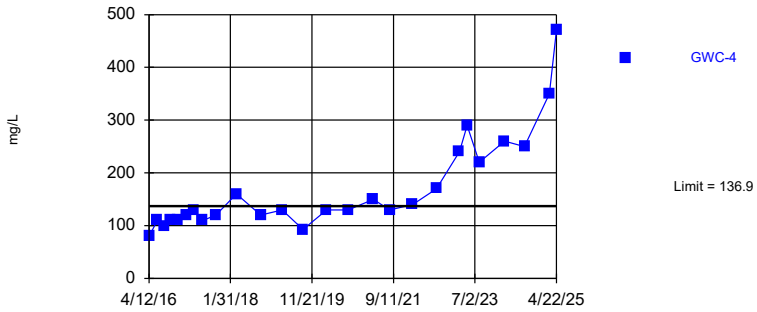
Constituent: Sulfate Analysis Run 6/19/2025 9:31 AM View: Appendix III - Interwell Two-Step Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1

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Exceeds Limit: GWC-4

Prediction Limit

Interwell Parametric



Background Data Summary: Mean=71.76, Std. Dev.=30.7, n=72, 2.778% NDs. Normality test: Shapiro Francia @alpha = 0.01, calculated = 0.982, critical = 0.954. Kappa = 2.123 (c=7, w=17, 1 of 2, event alpha = 0.05132). Report alpha = 0.007498. Individual comparison alpha = 0.0004426. Assumes 16 future values.

Constituent: TDS Analysis Run 6/19/2025 9:31 AM View: Appendix III - Interwell Two-Step Resample
Plant Scherer Client: Southern Company Data: Scherer Cell 1

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 6/19/2025 9:32 AM View: Appendix III - Interwell Two-Step Resample

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-17 (bg)	GWA-16 (bg)	GWC-19	GWC-4
4/6/2016	3.62	6.58	12.1		
4/11/2016				10.4	
4/12/2016					11
6/15/2016	4.5	6.9	11.8		
6/16/2016				12.2	
6/20/2016					10.1
8/10/2016	3.8	5.5	10		
8/11/2016				9.5	
8/12/2016					9.9
10/4/2016	5.3		14		
10/5/2016		6.8		11	
10/6/2016					12
11/29/2016		4.8	10	9.8	
11/30/2016	4.7				11
2/7/2017	3.8	7.8	12		
2/8/2017				10	13
4/4/2017	3.8	6.4	11		
4/5/2017				10	
4/6/2017					12
6/20/2017	4.1	7	11		
6/21/2017				10	
6/22/2017					13
10/4/2017	4.6				
10/5/2017		6.6	13	12	
10/6/2017					15
3/20/2018	4.2	6.6	12	12	
3/21/2018					15
10/2/2018	4.2	5.8	11	11	
10/3/2018					13
3/26/2019	4	6.7	11	11	13
9/10/2019	4.8	7.5	12		12
9/12/2019				14	
3/18/2020	3.8	7.3	12		
3/19/2020				14	14
9/9/2020	4	7.3	11	15	
9/10/2020					13
4/1/2021	4	7.8	12		
4/2/2021					15
4/5/2021				15	
8/11/2021	4.1	7.3	11	17	
8/12/2021					13
10/7/2021				17	
2/15/2022	3.6	7.1	10		15
2/16/2022				15	
8/24/2022		8.9			
8/25/2022	4.9		13	18	17
12/28/2022				19	20
2/27/2023					26
2/28/2023	4.1	8.7	13	18	
8/3/2023	4.7	8.3	13		
8/8/2023				18	25
2/28/2024		9	15		

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 6/19/2025 9:32 AM View: Appendix III - Interwell Two-Step Resample

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-17 (bg)	GWA-16 (bg)	GWC-19	GWC-4
2/29/2024				19	31
3/4/2024	3.8				
8/6/2024	4.2	9	15	20	
8/7/2024					29
2/25/2025	4.1		13	18	46
2/26/2025		7.4			
4/22/2025				20 (R)	60 (R)

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 6/19/2025 9:32 AM View: Appendix III - Interwell Two-Step Resample

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-17 (bg)	GWA-16 (bg)	GWC-4
4/6/2016	5.342	1.69	1.789	
4/12/2016				4.57
6/15/2016	5.2	1.9	2.1	
6/20/2016				3.1
8/10/2016	5.5	1.7	1.8	
8/16/2016				3.2
10/4/2016	5.4		1.7	
10/5/2016		1.6		
10/6/2016				3.4
11/29/2016		1.7	1.7	
11/30/2016	5.4			4.1
2/7/2017	5.1	1.6	1.6	
2/8/2017				7.2
4/4/2017	5.1	1.5	1.6	
4/6/2017				7.4
6/20/2017	5.2	1.5	1.6	
6/22/2017				7.8
10/4/2017	5.2			
10/5/2017		1.5	1.5	
10/6/2017				9.1
3/20/2018	5.6	1.4	1.5	
3/21/2018				13
10/2/2018	6.3	1.5	1.6	
10/3/2018				13
3/26/2019	5.5	1.3	1.5	9.2
9/10/2019	5.2	1.3	1.4	5.1
3/18/2020	5.4	2	1.7	
3/19/2020				8.7
9/9/2020	6.1	1.3	1.6	
9/10/2020				9.7
4/1/2021	7	1.5	1.8	
4/2/2021				11
8/11/2021	7.2	1.4	1.8	
8/12/2021				12
2/15/2022	6.5	1.4	1.6	11
8/24/2022		1.4		
8/25/2022	6.9		1.6	11
2/27/2023				16
2/28/2023	6.3	1.4	1.7	
5/2/2023				24
8/3/2023	6.3	1.3	1.6	
8/8/2023				16
2/28/2024		1.4	1.6	
2/29/2024				21
3/4/2024	5.6			
5/20/2024				28
8/6/2024	6	1.4	1.7	
8/7/2024				19
2/25/2025	5.7		1.6	28
2/26/2025		1.5		
4/22/2025				45 (R)

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 6/19/2025 9:32 AM View: Appendix III - Interwell Two-Step Resample

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-3	GWC-6	GWC-4
4/6/2016	0.799 (J)	<1	<1			
4/12/2016				0.419 (J)	7.55	3.56
6/15/2016	0.32 (J)	0.22 (J)	0.18 (J)			
6/20/2016				0.6 (J)	14	2.4
8/10/2016	<1	<1	<1			
8/16/2016				<1	12	1.7
10/4/2016	<1	<1				
10/5/2016			<1	<1		
10/6/2016					13	1.2
11/29/2016		<1	<1			
11/30/2016	<1			1.1	14	1.2
2/7/2017	0.8 (J)	<1	<1			
2/8/2017				<1		4.6
2/9/2017					9.5	
4/4/2017	<1	<1	<1			
4/6/2017				<1	9.7	4.1
6/20/2017	<1	<1	<1			
6/21/2017				<1	13	
6/22/2017						3.4
10/4/2017	<1					
10/5/2017		<1	<1	<1		
10/6/2017					7.3	3
3/20/2018	1.2	<1	<1			
3/21/2018				<1	9.5	4.9
10/2/2018	<1	<1	<1			
10/3/2018				<1	10	2.9
3/26/2019	2.1	<1	0.58 (J)	0.47 (J)	6.3	3.2
9/10/2019	0.65 (J)	<1	0.44 (J)	0.7 (J)		1.7
9/11/2019					12	
3/18/2020	3.1	0.67 (J)	0.51 (J)	0.6 (J)	5.6	
3/19/2020						4.6
9/9/2020	1.6	<1	<1			
9/10/2020				<1	9.4	1.6
4/1/2021	2.7	<1	<1			
4/2/2021						4.6
4/6/2021				<1		
6/2/2021					13	
8/11/2021	1.3	<1	<1		11	
8/12/2021				<1		3.5
2/15/2022	2.6	<1	<1	0.91 (J)	13	20
5/12/2022						33
8/24/2022			<1			
8/25/2022	1.9	<1		0.99 (J)	12	19
12/28/2022						32
2/27/2023					13	56
2/28/2023	3.5	1.4	1.3	4.7		
5/2/2023				4.2		
8/3/2023	1.7	0.4 (J)	<1			
8/8/2023					6.5	53
8/9/2023				3.6		
10/4/2023				3.1		
2/28/2024		<1	<1			

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 6/19/2025 9:32 AM View: Appendix III - Interwell Two-Step Resample

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-3	GWC-6	GWC-4
2/29/2024					25	84
3/4/2024	2.8			10		
5/20/2024				0.64 (J)	18	
8/6/2024	1.3	<1	<1			
8/7/2024				15	13	73
11/7/2024				18		
2/24/2025					30	
2/25/2025	3.6	<1		20		150
2/26/2025			<1			
4/22/2025					38 (R)	180 (R)
4/23/2025				18 (R)		

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 6/19/2025 9:32 AM View: Appendix III - Interwell Two-Step Resample

Plant Scherer Client: Southern Company Data: Scherer Cell 1

	GWA-15 (bg)	GWA-16 (bg)	GWA-17 (bg)	GWC-4
4/6/2016	38	84	61	
4/12/2016				80
6/15/2016	<10	139	113	
6/20/2016				111
8/10/2016	56	80	74	
8/16/2016				100
10/4/2016	48	62		
10/5/2016			44	
10/6/2016				110
11/29/2016		110	58	
11/30/2016	46			110
2/7/2017	18	70	4 (J)	
2/8/2017				120
4/4/2017	32	120	78	
4/6/2017				130
6/20/2017	38	76	50	
6/22/2017				110
10/4/2017	42			
10/5/2017		110	64	
10/6/2017				120
3/20/2018	20	110	90	
3/21/2018				160
10/2/2018	48	110	90	
10/3/2018				120
3/26/2019	45	100	82	130
9/10/2019	42	75	51	93
3/18/2020	43	93	75	
3/19/2020				130
9/9/2020	<10	66	64	
9/10/2020				130
4/1/2021	55	100	68	
4/2/2021				150
8/11/2021	55	100	94	
8/12/2021				130
2/15/2022	42	99	79	140
8/24/2022			110	
8/25/2022	86	130		170
2/27/2023				240
2/28/2023	50	110	94	
5/2/2023				290
8/3/2023	53	110	85	
8/8/2023				220
2/28/2024		100	85	
2/29/2024				260
3/4/2024	41			
8/6/2024	53	110	86	
8/7/2024				250
2/25/2025	52	110		350
2/26/2025			81	
4/22/2025				470 (R)

ND substitution: RL or RL/2 if <15% NDs.

GROUNDWATER STATS CONSULTING

August 29, 2025

Southern Company Services
Attn: Mr. Joju Abraham
241 Ralph McGill Blvd NE, Bin 10160
Atlanta, Georgia 30308-3374

Re: Plant Scherer PAC Landfill
Background Update & Statistical Analysis – February 2025

Dear Mr. Abraham,

Groundwater Stats Consulting, formerly the statistical consulting division of Sanitas Technologies, is pleased to provide the background update and groundwater statistical analysis for the 2025 1st Semi-Annual Groundwater Monitoring Statistical Analysis sample event for Georgia Power Company's Plant Scherer PAC Landfill. The analysis complies with the Georgia Environmental Protection Division (EPD) Rules for Solid Waste Management Chapter 391-3-4-.10 and follows the United States Environmental Protection Agency (USEPA) Unified Guidance (2009).

Sampling began for the Coal Combustion Residuals (CCR) program in 2016. Semi-annual sampling for 16 parameters began in 2010 in accordance with the Georgia Department of Natural Resources, Environmental Protection Division (Georgia EPD) groundwater monitoring regulations. At least 8 background samples have been collected at each of the groundwater monitoring wells.

The monitoring well network, as provided by Southern Company Services, consists of the following:

- **Upgradient wells:** GWA-21, GWA-22, GWA-45, GWA-46, GWA-47, GWA-48, and GWA-49
- **Downgradient wells:** GWC-29, GWC-50, GWC-51, GWC-52, and GWC-53

Data were sent electronically to Groundwater Stats Consulting, and the statistical analysis was reviewed by Andrew Collins, Project Manager of Groundwater Stats Consulting. The analysis is prepared according to the recommended statistical methodology prepared in the Fall 2017 by Dr. Kirk Cameron, PhD Statistician with MacStat Consulting, primary author of the USEPA Unified Guidance. In 2024, Georgia Power Company completed a data audit and migration of all CCR related groundwater data to the EarthSoft EQuIS Database Management Program (EQuIS). Data were then exported from EQuIS to Groundwater Stats Consulting (GSC) for use in completing this statistical analysis. Georgia Power Company contracted an independent third-party consultant, Environmental Resources Management (ERM), to support the data audit and migration to EQuIS. Based on the results of the audit and statistical analysis results from GSC, EQuIS will now be used by Georgia Power Company and its third-party geologists and engineers for management of data imported by independent third-party laboratories and data exported by Georgia Power Company and its Consultants. The data will be used in preparation of report submittals, modeling, strategic planning, and other purposes appropriate and consistent with EQuIS's data management and reporting tools and capabilities.

Resamples were collected in November 2022 for TDS at wells GWA-45, GWA-46, GWA-47, GWA-48, GWA-49, GWC-29, GWC-50, GWC-51, GWC-52, and GWC-53 due to the August 2022 samples and October 2022 resamples being out of holding times. Per request of WSP, the samples that exceeded hold times for TDS are not included in the Sanitas database. Resamples were also collected for pH at these wells in October and November 2022 and all pH samples were retained in the database.

The following constituents were evaluated:

- **CCR Appendix III -** boron, calcium, chloride, fluoride, pH, sulfate, and TDS
- **Georgia EPD Appendix I -** antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, nickel, selenium, silver, thallium, vanadium, and zinc

Due to varying detection limits in data sets, generally due to improved laboratory practices, a substitution of the most recent reporting limit is used for all non-detects. Note that for calculation of intrawell prediction limits, substitution of the most recent reporting limit is performed separately for each well/parameter pair. In some cases, the reporting limit provided by the laboratory contained varying limits for a given parameter; therefore, the substitution may differ from well to well. This generally gives the most conservative limit in each case. In the cases of cobalt, fluoride, and zinc, the current reporting limits of 0.0025 mg/L, 0.1 mg/L, and 0.005 mg/L were substituted for all wells to maintain statistical limits that are conservative from a regulatory perspective.

Time series plots for CCR Appendix III and Georgia EPD Appendix I parameters at all wells are provided for the purpose of screening data at these wells (Figure A). Additionally, a separate section of box plots is included for all constituents at upgradient and downgradient wells (Figure B). The time series plots are used to initially screen for suspected outliers and trends, while the box plots provide visual representation of variation within individual wells and between all wells. Values in background which have been flagged as outliers may be seen in a lighter font and as a disconnected symbol on the graphs.

In earlier analyses, data at all wells for constituents detected in downgradient wells were evaluated for the following: 1) outliers; 2) trends; 3) most appropriate statistical method based on site characteristics of groundwater data upgradient of the facility; and 4) eligibility of downgradient wells when intrawell statistical methods are recommended. Power curves were provided during the background update discussed below to demonstrate that the selected statistical methods for the parameters listed above comply with the USEPA Unified Guidance and the Georgia Environmental Protection Division Rules for Solid Waste Management Chapter 391-3-4-.10. The EPA suggests that the selected statistical method should provide at least 55% power at 3 standard deviations or at least 80% power at 4 standard deviations. Power curves were based on the following:

Georgia EPD Appendix I Constituents:

- Semi-Annual Sampling
- Intrawell Prediction Limits with 1-of-2 resample plan (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, nickel, selenium, thallium, vanadium, and zinc)
- # Constituents: 15 (silver was 100% non-detects in all downgradient wells)
- # Downgradient wells: 5

CCR Appendix III Constituents:

- Semi-Annual Sampling
- Intrawell Prediction Limits with 1-of-2 resample plan (boron, calcium, chloride, fluoride, pH, sulfate, and TDS)
- # Constituents: 7
- # Downgradient wells: 5

Statistical analyses are not required when 100% non-detects are present in downgradient wells for a given constituent; therefore, no prediction limits were required for silver. A summary of all Appendix I well/constituent pairs with 100% non-detects follows this letter.

Parametric prediction limits are utilized when the screened historical data follow a normal or transformed-normal distribution. When data cannot be normalized or the majority of data are non-detects, a nonparametric test is utilized. While the false positive rate associated with the parametric limits is based on an annual 10% (5% for each semi-annual sample event) as recommended by the EPA Unified Guidance (2009), the false positive rate associated with the nonparametric limits is dependent upon the available background sample size, number of future comparisons, and verification resample plan. The distribution of data is tested using the Shapiro-Wilk/Shapiro-Francia test for normality. After testing for normality and performing any adjustments as discussed below (US EPA, 2009), data are analyzed using either parametric or non-parametric prediction limits. Non-detects are handled as follows:

- No statistical analyses are required on wells and analytes containing 100% non-detects (USEPA Unified Guidance, 2009, Chapter 6).
- When data contain <15% non-detects, simple substitution of one-half the reporting limit is utilized in the statistical analysis. The reporting limit utilized for non-detects is the most recent practical quantification limit (PQL) as reported by the laboratory.
- When data contain between 15-50% non-detects, the Kaplan-Meier non-detect adjustment is applied to the background data for parametric limits. This technique adjusts the mean and standard deviation of the historical concentrations to account for concentrations below the reporting limit.
- Nonparametric prediction limits are used on data containing greater than 50% non-detects.

Natural systems continuously evolve due to physical changes made to the environment. Examples include capping a landfill, paving areas near a well, or lining a drainage channel to prevent erosion. Periodic updating of background statistical limits is necessary to accommodate these types of changes. In the intrawell case, data for all wells and constituents may be re-evaluated when a minimum of 4 new data points are available to determine whether earlier concentrations are representative of current groundwater quality. In some cases, an earlier portion of data is deselected prior to construction of limits to provide sensitive limits that will rapidly detect changes in groundwater quality. Even though the data are excluded from the calculation, the values will continue to be reported and shown in tables and graphs.

Two-Step Statistical Analysis

Intrawell statistical methods, combined with a 1-of-2 resample plan, may be used as a conservative first step for identifying potential facility impacts in downgradient wells.

Intrawell methods use background data for individual wells and may be overly sensitive to spatial variation. In particular for nonparametric limits with small background sample sizes, the probability of a false positive is much higher than the desired annual sitewide rate of 10%. Therefore, a large number of exceedances may occur as a result of spatial variation rather than facility impacts.

A second step can be used to further evaluate those exceedances and reduce the overall number of statistically significant increases (SSIs) that result from spatial variation. In instances where intrawell statistical methods identify an apparent SSI, a second step of interwell statistical evaluation may be used to determine whether the measurement exceeds the sitewide background limit based on pooled upgradient well data. This is similar in concept to the procedure used in compliance monitoring programs where an interwell statistical limit is used to determine "background" (USEPA Unified Guidance (2009), Chapter 7, Section 7.5). For the detection monitoring program, if the result does not exceed sitewide (interwell) background, an SSI is not declared.

When the result exceeds the sitewide (interwell) background, the 1-of-2 resample plan allows for collection of an independent resample to confirm or disconfirm the initial finding. A statistically significant increase is not declared unless the resample also exceeds the intrawell prediction limit (United State Environmental Protection Agency (USEPA) Unified Guidance, March 2009, Chapter 19). When the resamples confirm the initial exceedance, further research would be required to identify the cause of the exceedance (i.e., impact from the site, natural variation, or an off-site source). When any resample falls within the statistical limit, the initial exceedance is considered to be a false positive result, and no further action is necessary. In cases where intrawell and interwell exceedances are noted and no resamples are collected, the initial exceedance will be considered a confirmed statistically significant increase.

Trend tests, in addition to interwell prediction limits, are recommended for well/constituent pairs found to have an initial intrawell SSI. Trend analysis will provide for detection of long-term changes and potential facility impacts at a given well in cases where the concentrations at that well remain below the sitewide upgradient limits. Thus, the two-step approach has additional capability to detect long-term changes at downgradient wells compared to interwell methods alone. While a trend may be identified by visual inspection, a quantification of the trend and its significance is needed to identify whether concentrations are statistically significantly increasing, decreasing, or remaining stable over time. The absence of a statistically significant increasing trend indicates that an initial intrawell exceedance is short-term and may be the result of spatial variation rather than facility impact to groundwater. If a facility impact has occurred, it will likely result in additional exceedances in future sampling events. When a statistically significant

increasing trend is noted, additional data may be needed to demonstrate that there is reasonable evidence that the initial intrawell statistical exceedance is a result of spatial variation rather than a result of impact to groundwater quality downgradient of the facility.

Summary of Background Screening – CCR Appendix III – Conducted in 2017

The original background screening for Appendix III constituents was conducted in 2017 by MacStat Consulting. Values identified as outliers were flagged in the database and excluded prior to construction of statistical limits. Intrawell prediction limits, combined with a 1-of-2 resample plan, were recommended. The Analysis of Variance (ANOVA) was used to statistically evaluate differences in average concentrations among upgradient wells, which assists in identifying the most appropriate statistical approach.

Interwell tests, which compare downgradient well data to statistical limits constructed from pooled upgradient well data, are appropriate when average concentrations are similar across upgradient wells. Intrawell tests, which compare compliance data from a single well to screened historical background data within the same well, are appropriate when upgradient wells exhibit spatial variation; when statistical limits constructed from upgradient wells would not be conservative from a regulatory perspective; and when downgradient background water quality is unimpacted compared to upgradient water quality for the same parameter. Based on the results of the original background screening, intrawell tests were recommended for all Appendix III parameters.

Summary of Background Screening Georgia EPD Appendix I - Conducted in August 2019

Outlier and Trend Testing

Time series plots were used to identify suspected outliers, or extreme values that would result in limits that are not representative of the current background data population. Suspected outliers at all wells and parameters are formally tested using Tukey's box plot method and, when identified, flagged in the computer database with "o" and deselected prior to construction of statistical limits. The results of Tukey's outlier test as well as a discussion of potential outliers and flagged values were included with the background screening report.

Seasonality

No obvious seasonal patterns were observed on the time series plots for any of the detected data; therefore, no deseasonalizing adjustments were made to the data. When seasonal patterns are observed, data may be deseasonalized so that the resulting limits will correctly account for the seasonality as a predictable pattern rather than random variation or a release.

Trends

While trends may be identified by visual inspection, a quantification of the trend and its significance is needed. The Sen's Slope/Mann Kendall trend test, which tests for statistically significant increasing or decreasing trends, was used to evaluate data at all upgradient wells and downgradient wells with detections.

In the absence of suspected contamination, significant trending data are typically not included as part of the background data used for construction of prediction limits. This step serves to eliminate the trend and, thus, reduce variation in background. When statistically significant decreasing trends are present, all available data are evaluated to determine whether earlier concentration levels are significantly different from current reported concentrations and will be deselected as necessary. When any records of data are truncated for the reasons above, a summary report will be provided to show the date ranges used in construction of the statistical limits.

The results of the trend analyses showed several statistically significant increasing and decreasing trends; however, the majority of these were relatively low in magnitude when compared to average concentrations and, therefore, required no adjustments. It was noted that several of the upgradient wells had higher reported measurements in the earliest part of the records for some of the metals. These values were not deselected at this time since the measurements serve as reference data upgradient of the facility. If similar measurements are observed at a later time in one or more downgradient wells, the earlier upgradient data may indicate that the change is occurring rather than a result of practices at the facility. While there was an overall increasing trend in concentrations for cobalt at well GWC-53, data are highly variable and similar to concentrations that have historically been reported in upgradient well GWA-45. Therefore, no adjustment was made to this record at that time.

Determination of Spatial Variation

The Analysis of Variance (ANOVA) was used to statistically evaluate differences in average concentrations among upgradient wells for constituents detected in downgradient wells. The ANOVA assists in identifying the most appropriate statistical approach.

Generally, constituents without significant differences, based on ANOVA across upgradient wells, may be considered for interwell analysis. However, the Scherer PAC Landfill is lined, and pre-waste data are available that show metals were present in low level detections during the collection of background data. Furthermore, for some constituents, the reported concentrations are higher in upgradient wells than in downgradient wells. This would result in interwell limits that would not readily detect changes in the downgradient wells with lower concentrations. Therefore, intrawell prediction limits are recommended as the most appropriate statistical analysis for all of the Georgia EPD constituents at this landfill.

Summary of Background Updates – Georgia EPD Appendix I and CCR Appendix III

June 2021 & May 2023

Outlier Analysis

Prior to updating background data, visual screening was used to evaluate data for suspected outliers in upgradient and downgradient wells through September 2020. All of the more recent compliance measurements appeared stable compared to the previously screened historical data sets; therefore, no new outliers were flagged except for a high value for lead (0.0034 mg/L) in well GWC-52 in order to maintain conservative (i.e., lower) statistical limits, along with a historic high value for vanadium in upgradient well GWA-47 (0.041 mg/L). Due to an increasing trend for barium at upgradient well GWA-45, observations between September 2019 and April 2021 were also flagged. A summary of all flagged outliers follows this letter. Outliers are displayed in a lighter font and as a disconnected symbol on the time series reports, as well as in a lighter font on the accompanying data pages.

Mann-Whitney Comparison of Medians

For constituents requiring intrawell prediction limits (all Georgia EPD Appendix I and CCR Appendix III constituents in this instance), the Mann-Whitney (Wilcoxon Rank Sum) test was used to compare the medians of historical data to the new compliance samples at each well. When no variation is present between historical data and compliance samples,

the Mann-Whitney test is not performed. A list of well/constituent pairs with no variation was included in the background update report. When the medians of the two groups are not statistically significantly different at the 99% confidence level, background data sets are updated to include the newer compliance data. The results of the Mann-Whitney test and discussion regarding updating background records were included with the background update report. Note that historical data prior to 2016 for lead were truncated at all wells so that resulting prediction limits are conservative (i.e., lower) from a regulatory perspective during the June 2021 background update. A summary of well/constituent pairs using a truncated portion of their record to establish intrawell prediction limits follows this letter. All records for Appendix I and Appendix III constituents using intrawell methods were re-evaluated during the next background update.

April 2025

Outlier Analysis

Prior to updating background data, visual screening and Tukey's outlier test was used to evaluate data for suspected outliers in upgradient and downgradient wells through August/November 2024. Previously flagged values were confirmed either by Tukey's test or visual screening except for chromium at GWA-45 and vanadium at upgradient wells GWA-21, GWA-22, GWA-45, and GWA-48 since the concentrations were not identified by Tukey's and were similar to remaining values within the respective records. Additionally, as a result of the data received from the EQUIS database, some of the reported measurements at downgradient well GWC-53 for pH and vanadium were different from those historically used in the Sanitas database; therefore, these values are no longer flagged as outliers. Values identified by Tukey's test and flagged during this analysis include the highest values for calcium at downgradient well GWC-50, chloride at downgradient wells GWC-50 and GWC-53, cobalt at upgradient well GWA-45, sulfate at downgradient well GWC-53, and TDS at downgradient well GWC-50. Although not identified by Tukey's outlier test, the highest observations in each respective record for boron, sulfate, and zinc at well GWC-50, and chloride and sulfate at well GWA-45 were flagged in order to reduce variation and construct statistical limits that are capable of readily detecting changes in groundwater quality.

Any values identified by Tukey's test but not flagged appeared representative of spatial variation or would not result in substantial changes to resulting statistical limits, and these observations will continue to be monitored. The observations flagged with an "O" flag are included in the Outlier Summary (Figure C). Outliers are displayed in a lighter font and as a disconnected symbol on the time series reports, as well as in a lighter font on the accompanying data pages.

Mann-Whitney Comparison of Medians

For constituents requiring intrawell prediction limits (all Georgia EPD Appendix I and CCR Appendix III constituents), the Mann-Whitney (Wilcoxon Rank Sum) test was used to compare the medians of historical data through August 2022 to the new compliance samples at each well through August/November 2024 (Figure D). When no variation is present between historical data and compliance samples, the Mann-Whitney test is not used. When the medians of the two groups are not statistically significantly different at the 99% confidence level (either an increase or decrease), background data sets are updated to include the newer compliance data. The results of the Mann-Whitney test showed statistically significant differences for the following well/constituent pairs:

Increase:

- Arsenic: GWA-46 and GWA-47 (both upgradient)
- Barium: GWC-29 and GWC-52
- Calcium GWA-47 (upgradient), GWC-29, GWC-51, and GWC-52
- Chloride: GWA-45, GWA-46 (both upgradient), GWC-51, and GWC-53
- Chromium: GWA-22 (upgradient), GWC-51, and GWC-52
- Nickel: GWC-50
- pH: GWC-29
- Sulfate: GWC-51, GWC-52, and GWC-53
- TDS: GWC-52

Decrease:

- Arsenic: GWA-22 (upgradient) and GWC-52
- Calcium: GWA-45 (upgradient)
- Chloride: GWA-22 (upgradient)
- Chromium: GWA-45 (upgradient)
- Nickel: GWC-29
- Sulfate: GWC-29

For both Appendix I and III well/constituent pairs with a statistically significant increase in median concentrations, the records below were not updated with data through August 2024 due to a continuous increase in concentrations among more recent observations. This step results in statistical limits that are capable of readily detecting changes in groundwater quality and the records are as follows:

- Barium: GWC-52
- Calcium: GWC-52
- Chromium: GWC-52
- Sulfate: GWC-52

The remaining records with statistically significant increases were updated through August/November 2024 and are listed below. For upgradient wells, the increasing concentrations are assumed to result from spatial variation and to represent unimpacted background conditions. The increases in downgradient wells appear to be similar to historic concentrations in the same well or resemble concentrations in at least one upgradient well and would have little to no impact on resulting statistical limits:

- Arsenic: GWA-46 and GWA-47 (both upgradient)
- Barium: GWC-29
- Calcium GWA-47 (upgradient), GWC-29, and GWC-51
- Chloride: GWA-45, GWA-46 (both upgradient), GWC-51, and GWC-53
- Chromium: GWA-22 (upgradient), GWC-51, and GWC-52
- Nickel: GWC-50
- pH: GWC-29
- Sulfate: GWC-51 and GWC-53
- TDS: GWC-52

Regarding Appendix I and III well/constituent pairs with a statistically significant decrease in median concentrations, all records were updated with compliance data as observations were either reported non-detects and trace values (i.e., at or below the reporting limit) or were within the range of historic concentrations.

Note that concentrations early in the record for calcium at well GWC-29 and TDS at well GWC-52 were truncated so that resulting prediction limits are conservative (i.e., lower) from a regulatory perspective. A summary of well/constituent pairs using a truncated portion of their record to establish intrawell prediction limits follows this letter. All records for Appendix I and Appendix III constituents using intrawell methods will be re-evaluated during the next background update.

Statistical Analysis of Georgia EPD Appendix I Constituents – February 2025

Intrawell limits were constructed for all Georgia EPD Appendix I constituents. In cases where downgradient average concentrations are higher than observed upgradient concentrations for a given constituent, the current assumption is that the higher downgradient concentrations are due to spatial variation rather than a result of practices at the landfill. The pre-waste data support this logic.

Prediction Limits

Intrawell prediction limits, combined with a 1-of-2 resample plan, were constructed using all available data through August/November 2024 within each well for constituents with detections (Figure E). As mentioned above, the Date Range summary provides the period of record used for well/constituent pairs where records have been truncated, the February 2025 compliance samples were compared to these intrawell background limits. As previously discussed, no statistical analyses were included for silver since all records contain 100% non-detects in downgradient wells, or for other individual well/constituent pairs containing 100% non-detects.

In the event of an initial exceedance of compliance well data, the 1-of-2 resample plan allows for collection of one additional sample to determine whether the initial exceedance is confirmed. When resamples confirm the initial exceedance, an SSI is identified, and further research would be required to identify the cause of the exceedance (i.e., impact from the site, natural variation, or an off-site source). If a resample falls within the statistical limit, the initial exceedance is considered to be a false positive result, and no further action is necessary. A summary table of the background intrawell prediction limits and exceedances follows this letter, along with the complete graphical results. Statistical exceedances were noted for the following well/constituent pairs:

- Barium: GWC-52
- Chromium: GWC-51 and GWC-52
- Vanadium: GWA-45, GWA-46, GWA-49 (all three upgradient), GWC-50, GWC-51, and GWC-52

Two-Step Analysis

Following the two-step analysis procedure, interwell prediction limits were then constructed using pooled upgradient well data through February 2025 to evaluate the initial intrawell prediction limit exceedances listed above in downgradient wells (Figure F). No exceedances were identified.

Trend Tests

When initial prediction limit exceedances occur in any of the downgradient wells, data are further evaluated using the Sen's Slope/Mann Kendall trend test at the 99% confidence level to determine whether concentrations are significantly increasing, decreasing, or stable (Figure G). Upgradient wells are included in the trend analyses to identify whether similar patterns exist upgradient of the site. Trends in upgradient trends are an indication

of variability in groundwater unrelated to practices at the site. Both a summary and complete graphical results of the trend tests follow this letter. Statistically significant trends were noted for the following well/constituent pairs:

Increasing:

- Barium: GWA-45, GWA-46 (both upgradient), and GWC-52
- Chromium: GWA-22 (upgradient), GWC-51, and GWC-52

Decreasing:

- Barium: GWA-22 (upgradient)

Note that the cause of the trends for barium and chromium at well GWC-52 is pending and requires further analysis beyond the scope of this analysis. If research shows these higher concentrations reflect spatial variation, the earlier portion of the record may require deselection so that resulting limits are reflective of current water quality conditions.

Statistical Analysis of Appendix III Parameters – February 2025

Intrawell prediction limits for all Appendix III parameters, combined with a 1-of-2 resample plan, were constructed using all historical data through August/November 2024 (Figure H). The February 2025 compliance data were compared to those limits.

As discussed earlier, the most recent reporting limit is substituted on a well-by-well basis for computing intrawell prediction limits. Therefore, individual wells can have different substitutions for a given parameter depending on what the laboratory has reported for each well.

Prediction Limits

In the event of an initial exceedance of compliance well data, the 1-of-2 resample plan allows for collection of one additional sample to determine whether the initial exceedance is confirmed. If the resample falls within the statistical limit, the initial exceedance is considered to be a false positive result; therefore, no exceedance is noted, and no further action is necessary. If no resample is collected, the original result is considered a confirmed exceedance. A summary table of the Appendix III prediction limits follows this letter, along with complete graphical results. The following prediction limit exceedances were noted for Appendix III parameters:

- Calcium: GWC-52

- Chloride: GWA-48 (upgradient), GWC-51, and GWC-52
- pH (upper limit): GWA-21, GWA-22, GWA-45 (all three upgradient), GWC-29, GWC-51, and GWC-52
- Sulfate: GWC-51, GWC-52, and GWC-53

Two-Step Analysis

Following the two-step analysis procedure as mentioned above, interwell prediction limits were then constructed using pooled upgradient well data through August 2024 to evaluate the apparent initial intrawell prediction limit exceedances listed above at downgradient wells (Figure I). An exceedance was identified for the following well/constituent pair:

- Sulfate: GWC-53

It was noted that upgradient well GWA-45, which is included in the interwell background and represents groundwater quality upgradient of the site, has higher concentrations than neighboring upgradient wells for several of the Appendix III constituents. Therefore, the interwell comparisons for downgradient wells with reported lower concentration levels need to be interpreted cautiously and are further evaluated through trend analysis as described below.

Trend Tests

Data from downgradient well/constituent pairs found to exceed their respective prediction limit were further evaluated using the Sen's Slope/Mann Kendall trend test at the 99% confidence level along with upgradient wells for the same constituents (Figure J). Upgradient wells are included in the trend analyses for all parameters found to exceed their prediction limit in downgradient wells to identify whether similar patterns exist upgradient of the site. Such patterns are an indication of variability in groundwater unrelated to practices at the site. A summary and complete the trend test results follow this letter. The following statistically significant trends were identified:

Increasing:

- Calcium: GWA-46, GWA-47 (both upgradient), and GWC-52
- Chloride: GWA-45, GWA-46 (both upgradient), and GWC-51
- pH: GWA-46, GWA-47, GWA-49 (all three upgradient), and GWC-29
- Sulfate: GWA-45 (upgradient), GWC-51, GWC-52, and GWC-53

Decreasing:

- Calcium: GWA-21 and GWA-45 (both upgradient)
- Chloride: GWA-22 (upgradient)

Note that the cause of the trends for calcium and sulfate at well GWC-52 is pending and requires further analysis beyond the scope of this analysis. If research shows these higher concentrations reflect spatial variation, the earlier portion of the record may require deselection so that resulting limits are reflective of current water quality conditions.

Summary

Observations from the February 2025 sample event at Scherer PAC were compared to established intrawell prediction limits for all Appendix I and III constituents. For parameters using intrawell prediction limits, the two-step approach followed by trend testing was used to evaluate apparent exceedances. Based on the results of the two-step approach for the February 2025 observations, an exceedance was identified for the following well/constituent pair:

- Sulfate: GWC-53

Thank you for the opportunity to assist you in the statistical analysis of groundwater quality for Plant Scherer PAC Landfill. If you have any questions or comments, please feel free to contact us.

For Groundwater Stats Consulting,





Abdul Diane
Groundwater Analyst

Andrew T. Collins
Project Manager

Table of Contents

Summary Tables	17
Figure A. Time Series	39
Figure B. Box Plots	138
Figure C. Tukey's Outlier Test & Outlier Summary	151
Figure D. Mann-Whitney	232
Figure E. Appendix I Intrawell Prediction Limits	511
Figure F. Appendix I Interwell Prediction Limits - Two-Step	691
Figure G. Appendix I Trend Tests	702
Figure H. Appendix III Intrawell Prediction Limits	712
Figure I. Appendix III Interwell Prediction Limits - Two-Step	821
Figure J. Appendix III Trend Tests	837

Summary Tables

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100% Non-Detects: Appendix I

Analysis Run 4/25/2025 11:52 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Antimony (mg/L)
GWA-22, GWA-45, GWA-49, GWC-29, GWC-50, GWC-52, GWC-53

Arsenic (mg/L)
GWA-21, GWC-51

Beryllium (mg/L)
GWA-21, GWA-46, GWA-47, GWA-48, GWA-49, GWC-29, GWC-50, GWC-52, GWC-53

Cadmium (mg/L)
GWA-21, GWA-22, GWA-45, GWA-46, GWA-48, GWA-49, GWC-29, GWC-51

Copper (mg/L)
GWA-46, GWC-29, GWC-52, GWC-53

Nickel (mg/L)
GWC-52

Selenium (mg/L)
GWA-21, GWA-46, GWC-51

Silver (mg/L)
GWA-21, GWA-22, GWA-45, GWA-46, GWA-47, GWA-48, GWA-49, GWC-29, GWC-50, GWC-51, GWC-52, GWC-53

Thallium (mg/L)
GWA-46, GWA-47, GWA-49, GWC-29, GWC-52, GWC-53

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Date Ranges

Date: 4/24/2025 10:43 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Barium (mg/L)
- GWC-52 background:5/1/2012-8/31/2022
- GWC-53 background:3/26/2018-8/31/2022

Boron (mg/L)
- GWA-45 background:3/22/2018-8/8/2024

Calcium (mg/L)
- GWC-29 background:10/4/2018-8/8/2024
- GWC-52 background:4/11/2016-8/31/2022

Chromium (mg/L)
- GWC-52 background:12/21/2010-10/4/2018

Lead (mg/L)
- background:4/6/2016-8/9/2024

Sulfate (mg/L)
- GWC-52 background:4/11/2016-10/4/2018

TDS (mg/L)
- GWC-52 background:10/4/2018-8/8/2024

Welch's t-test/Mann-Whitney - Significant Results

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 6/10/2025, 11:36 AM

Constituent	Well	Calc.	0.01	Alpha	Sig.	Method
Arsenic (mg/L)	**GWA-22 (bg)**	**-2.917**	**Yes**	**0.01**	**Yes**	**Mann-W**
Arsenic (mg/L)	**GWA-46 (bg)**	**2.74**	**Yes**	**0.01**	**Yes**	**Mann-W**
Arsenic (mg/L)	**GWA-47 (bg)**	**2.74**	**Yes**	**0.01**	**Yes**	**Mann-W**
Arsenic (mg/L)	**GWC-52**	**-3.256**	**Yes**	**0.01**	**Yes**	**Mann-W**
Barium (mg/L)	**GWC-29**	**2.651**	**Yes**	**0.01**	**Yes**	**Mann-W**
Barium (mg/L)	**GWC-52**	**3.144**	**Yes**	**0.01**	**Yes**	**Mann-W**
Calcium (mg/L)	**GWA-45 (bg)**	**-2.966**	**Yes**	**0.01**	**Yes**	**Mann-W**
Calcium (mg/L)	**GWA-47 (bg)**	**3.097**	**Yes**	**0.01**	**Yes**	**Mann-W**
Calcium (mg/L)	**GWC-29**	**3.048**	**Yes**	**0.01**	**Yes**	**Mann-W**
Calcium (mg/L)	**GWC-51**	**2.933**	**Yes**	**0.01**	**Yes**	**Mann-W**
Calcium (mg/L)	**GWC-52**	**3.054**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chloride (mg/L)	**GWA-22 (bg)**	**-2.695**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chloride (mg/L)	**GWA-45 (bg)**	**2.726**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chloride (mg/L)	**GWA-46 (bg)**	**2.597**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chloride (mg/L)	**GWC-51**	**2.774**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chloride (mg/L)	**GWC-53**	**3.395**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chromium (mg/L)	**GWA-22 (bg)**	**2.72**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chromium (mg/L)	**GWA-45 (bg)**	**-2.637**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chromium (mg/L)	**GWC-51**	**2.696**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chromium (mg/L)	**GWC-52**	**4.821**	**Yes**	**0.01**	**Yes**	**Mann-W**
Nickel (mg/L)	**GWC-29**	**-2.735**	**Yes**	**0.01**	**Yes**	**Mann-W**
Nickel (mg/L)	**GWC-50**	**3.341**	**Yes**	**0.01**	**Yes**	**Mann-W**
pH, Field (SU)	**GWC-29**	**2.763**	**Yes**	**0.01**	**Yes**	**Mann-W**
Sulfate (mg/L)	**GWC-29**	**-2.904**	**Yes**	**0.01**	**Yes**	**Mann-W**
Sulfate (mg/L)	**GWC-51**	**2.885**	**Yes**	**0.01**	**Yes**	**Mann-W**
Sulfate (mg/L)	**GWC-52**	**4.033**	**Yes**	**0.01**	**Yes**	**Mann-W**
Sulfate (mg/L)	**GWC-53**	**2.636**	**Yes**	**0.01**	**Yes**	**Mann-W**
TDS (mg/L)	**GWC-52**	**3.175**	**Yes**	**0.01**	**Yes**	**Mann-W**

Welch's t-test/Mann-Whitney - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 6/10/2025, 11:36 AM

Constituent	Well	Calc.	0.01	Alpha	Sig.	Method
Antimony (mg/L)	GWA-21 (bg)	0.2652	No	0.01	No	Mann-W
Antimony (mg/L)	GWA-46 (bg)	0.2652	No	0.01	No	Mann-W
Antimony (mg/L)	GWA-47 (bg)	0.2652	No	0.01	No	Mann-W
Antimony (mg/L)	GWA-48 (bg)	0.2652	No	0.01	No	Mann-W
Antimony (mg/L)	GWC-51	0.2652	No	0.01	No	Mann-W
Arsenic (mg/L)	**GWA-22 (bg)**	**-2.917**	**Yes**	**0.01**	**Yes**	**Mann-W**
Arsenic (mg/L)	GWA-45 (bg)	-0.2625	No	0.01	No	Mann-W
Arsenic (mg/L)	**GWA-46 (bg)**	**2.74**	**Yes**	**0.01**	**Yes**	**Mann-W**
Arsenic (mg/L)	**GWA-47 (bg)**	**2.74**	**Yes**	**0.01**	**Yes**	**Mann-W**
Arsenic (mg/L)	GWA-48 (bg)	-1.775	No	0.01	No	Mann-W
Arsenic (mg/L)	GWA-49 (bg)	2.155	No	0.01	No	Mann-W
Arsenic (mg/L)	GWC-29	1.648	No	0.01	No	Mann-W
Arsenic (mg/L)	GWC-50	2.155	No	0.01	No	Mann-W
Arsenic (mg/L)	**GWC-52**	**-3.256**	**Yes**	**0.01**	**Yes**	**Mann-W**
Arsenic (mg/L)	GWC-53	1.155	No	0.01	No	Mann-W
Barium (mg/L)	GWA-21 (bg)	-1.85	No	0.01	No	Mann-W
Barium (mg/L)	GWA-22 (bg)	-2.361	No	0.01	No	Mann-W
Barium (mg/L)	GWA-45 (bg)	2.138	No	0.01	No	Mann-W
Barium (mg/L)	GWA-46 (bg)	2.256	No	0.01	No	Mann-W
Barium (mg/L)	GWA-47 (bg)	0.8851	No	0.01	No	Mann-W
Barium (mg/L)	GWA-48 (bg)	0.4886	No	0.01	No	Mann-W
Barium (mg/L)	GWA-49 (bg)	0.1281	No	0.01	No	Mann-W
Barium (mg/L)	**GWC-29**	**2.651**	**Yes**	**0.01**	**Yes**	**Mann-W**
Barium (mg/L)	GWC-50	2.541	No	0.01	No	Mann-W
Barium (mg/L)	GWC-51	1.912	No	0.01	No	Mann-W
Barium (mg/L)	**GWC-52**	**3.144**	**Yes**	**0.01**	**Yes**	**Mann-W**
Barium (mg/L)	GWC-53	-2.489	No	0.01	No	Mann-W
Beryllium (mg/L)	GWA-22 (bg)	0.2652	No	0.01	No	Mann-W
Beryllium (mg/L)	GWC-51	0.2652	No	0.01	No	Mann-W
Boron (mg/L)	GWA-21 (bg)	0.5805	No	0.01	No	Mann-W
Boron (mg/L)	GWA-22 (bg)	0.2078	No	0.01	No	Mann-W
Boron (mg/L)	GWA-45 (bg)	1.577	No	0.01	No	Mann-W
Boron (mg/L)	GWA-46 (bg)	-1.385	No	0.01	No	Mann-W
Boron (mg/L)	GWA-47 (bg)	-1.244	No	0.01	No	Mann-W
Boron (mg/L)	GWA-48 (bg)	0.3068	No	0.01	No	Mann-W
Boron (mg/L)	GWA-49 (bg)	-2.294	No	0.01	No	Mann-W
Boron (mg/L)	GWC-29	-2.286	No	0.01	No	Mann-W
Boron (mg/L)	GWC-51	0.2078	No	0.01	No	Mann-W
Boron (mg/L)	GWC-52	-2.287	No	0.01	No	Mann-W
Boron (mg/L)	GWC-53	0.6606	No	0.01	No	Mann-W
Cadmium (mg/L)	GWA-47 (bg)	0.2652	No	0.01	No	Mann-W
Cadmium (mg/L)	GWC-50	0.2652	No	0.01	No	Mann-W
Cadmium (mg/L)	GWC-52	0.2652	No	0.01	No	Mann-W
Calcium (mg/L)	GWA-21 (bg)	-2.557	No	0.01	No	Mann-W
Calcium (mg/L)	GWA-22 (bg)	2.439	No	0.01	No	Mann-W
Calcium (mg/L)	**GWA-45 (bg)**	**-2.966**	**Yes**	**0.01**	**Yes**	**Mann-W**
Calcium (mg/L)	GWA-46 (bg)	2.357	No	0.01	No	Mann-W
Calcium (mg/L)	**GWA-47 (bg)**	**3.097**	**Yes**	**0.01**	**Yes**	**Mann-W**
Calcium (mg/L)	GWA-48 (bg)	0.7817	No	0.01	No	Mann-W
Calcium (mg/L)	GWA-49 (bg)	1.644	No	0.01	No	Mann-W
Calcium (mg/L)	**GWC-29**	**3.048**	**Yes**	**0.01**	**Yes**	**Mann-W**
Calcium (mg/L)	GWC-50	2.305	No	0.01	No	Mann-W
Calcium (mg/L)	**GWC-51**	**2.933**	**Yes**	**0.01**	**Yes**	**Mann-W**
Calcium (mg/L)	**GWC-52**	**3.054**	**Yes**	**0.01**	**Yes**	**Mann-W**
Calcium (mg/L)	GWC-53	1.732	No	0.01	No	Mann-W
Chloride (mg/L)	GWA-21 (bg)	0	No	0.01	No	Mann-W
Chloride (mg/L)	**GWA-22 (bg)**	**-2.695**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chloride (mg/L)	**GWA-45 (bg)**	**2.726**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chloride (mg/L)	**GWA-46 (bg)**	**2.597**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chloride (mg/L)	GWA-47 (bg)	2.099	No	0.01	No	Mann-W
Chloride (mg/L)	GWA-48 (bg)	0.4402	No	0.01	No	Mann-W
Chloride (mg/L)	GWA-49 (bg)	-1.17	No	0.01	No	Mann-W
Chloride (mg/L)	GWC-29	-0.1714	No	0.01	No	Mann-W
Chloride (mg/L)	GWC-50	-2.338	No	0.01	No	Mann-W
Chloride (mg/L)	**GWC-51**	**2.774**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chloride (mg/L)	GWC-52	-0.8994	No	0.01	No	Mann-W
Chloride (mg/L)	**GWC-53**	**3.395**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chromium (mg/L)	GWA-21 (bg)	-0.5543	No	0.01	No	Mann-W

Welch's t-test/Mann-Whitney - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 6/10/2025, 11:36 AM

Constituent	Well	Calc.	0.01	Alpha	Sig.	Method
Chromium (mg/L)	**GWA-22 (bg)**	**2.72**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chromium (mg/L)	**GWA-45 (bg)**	**-2.637**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chromium (mg/L)	GWA-46 (bg)	1.614	No	0.01	No	Mann-W
Chromium (mg/L)	GWA-47 (bg)	1.209	No	0.01	No	Mann-W
Chromium (mg/L)	GWA-48 (bg)	0.3024	No	0.01	No	Mann-W
Chromium (mg/L)	GWA-49 (bg)	0.126	No	0.01	No	Mann-W
Chromium (mg/L)	GWC-29	-1.387	No	0.01	No	Mann-W
Chromium (mg/L)	GWC-50	-1.815	No	0.01	No	Mann-W
Chromium (mg/L)	**GWC-51**	**2.696**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chromium (mg/L)	**GWC-52**	**4.821**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chromium (mg/L)	GWC-53	0.0258	No	0.01	No	Mann-W
Cobalt (mg/L)	GWA-21 (bg)	0.6147	No	0.01	No	Mann-W
Cobalt (mg/L)	GWA-22 (bg)	1.181	No	0.01	No	Mann-W
Cobalt (mg/L)	GWA-45 (bg)	-2.49	No	0.01	No	Mann-W
Cobalt (mg/L)	GWA-46 (bg)	0.5775	No	0.01	No	Mann-W
Cobalt (mg/L)	GWA-47 (bg)	0.4771	No	0.01	No	Mann-W
Cobalt (mg/L)	GWA-48 (bg)	0.5872	No	0.01	No	Mann-W
Cobalt (mg/L)	GWA-49 (bg)	0.7952	No	0.01	No	Mann-W
Cobalt (mg/L)	GWC-29	0.2652	No	0.01	No	Mann-W
Cobalt (mg/L)	GWC-50	2.155	No	0.01	No	Mann-W
Cobalt (mg/L)	GWC-51	0.6918	No	0.01	No	Mann-W
Cobalt (mg/L)	GWC-52	0.2652	No	0.01	No	Mann-W
Cobalt (mg/L)	GWC-53	-0.02524	No	0.01	No	Mann-W
Copper (mg/L)	GWA-21 (bg)	-0.07052	No	0.01	No	Mann-W
Copper (mg/L)	GWA-22 (bg)	1.347	No	0.01	No	Mann-W
Copper (mg/L)	GWA-45 (bg)	1.046	No	0.01	No	Mann-W
Copper (mg/L)	GWA-47 (bg)	-1.467	No	0.01	No	Mann-W
Copper (mg/L)	GWA-48 (bg)	-0.7415	No	0.01	No	Mann-W
Copper (mg/L)	GWA-49 (bg)	-1.608	No	0.01	No	Mann-W
Copper (mg/L)	GWC-50	-0.07052	No	0.01	No	Mann-W
Copper (mg/L)	GWC-51	-1.608	No	0.01	No	Mann-W
Fluoride (mg/L)	GWA-21 (bg)	0.2628	No	0.01	No	Mann-W
Fluoride (mg/L)	GWA-22 (bg)	0.2627	No	0.01	No	Mann-W
Fluoride (mg/L)	GWA-45 (bg)	0.2625	No	0.01	No	Mann-W
Fluoride (mg/L)	GWA-46 (bg)	0.04981	No	0.01	No	Mann-W
Fluoride (mg/L)	GWA-47 (bg)	-0.08962	No	0.01	No	Mann-W
Fluoride (mg/L)	GWA-48 (bg)	0.3867	No	0.01	No	Mann-W
Fluoride (mg/L)	GWA-49 (bg)	-0.263	No	0.01	No	Mann-W
Fluoride (mg/L)	GWC-29	0.04383	No	0.01	No	Mann-W
Fluoride (mg/L)	GWC-50	0.2384	No	0.01	No	Mann-W
Fluoride (mg/L)	GWC-51	0.7153	No	0.01	No	Mann-W
Fluoride (mg/L)	GWC-52	-0.1344	No	0.01	No	Mann-W
Fluoride (mg/L)	GWC-53	-0.675	No	0.01	No	Mann-W
Lead (mg/L)	GWA-21 (bg)	-1.907	No	0.01	No	Mann-W
Lead (mg/L)	GWA-22 (bg)	1.662	No	0.01	No	Mann-W
Lead (mg/L)	GWA-45 (bg)	-0.08293	No	0.01	No	Mann-W
Lead (mg/L)	GWA-47 (bg)	0.3441	No	0.01	No	Mann-W
Lead (mg/L)	GWA-48 (bg)	0.3441	No	0.01	No	Mann-W
Lead (mg/L)	GWA-49 (bg)	-2.294	No	0.01	No	Mann-W
Lead (mg/L)	GWC-50	0.5805	No	0.01	No	Mann-W
Lead (mg/L)	GWC-51	0.2078	No	0.01	No	Mann-W
Lead (mg/L)	GWC-53	0.3441	No	0.01	No	Mann-W
Mercury (mg/L)	GWA-21 (bg)	0.7952	No	0.01	No	Mann-W
Mercury (mg/L)	GWA-22 (bg)	0.6918	No	0.01	No	Mann-W
Mercury (mg/L)	GWA-45 (bg)	0.6918	No	0.01	No	Mann-W
Mercury (mg/L)	GWA-46 (bg)	0.6919	No	0.01	No	Mann-W
Mercury (mg/L)	GWA-47 (bg)	0.7957	No	0.01	No	Mann-W
Mercury (mg/L)	GWA-48 (bg)	0.6918	No	0.01	No	Mann-W
Mercury (mg/L)	GWA-49 (bg)	0.6918	No	0.01	No	Mann-W
Mercury (mg/L)	GWC-29	0.6918	No	0.01	No	Mann-W
Mercury (mg/L)	GWC-50	0.6918	No	0.01	No	Mann-W
Mercury (mg/L)	GWC-51	0.4437	No	0.01	No	Mann-W
Mercury (mg/L)	GWC-52	-1.015	No	0.01	No	Mann-W
Mercury (mg/L)	GWC-53	0.5775	No	0.01	No	Mann-W
Nickel (mg/L)	GWA-21 (bg)	-1.309	No	0.01	No	Mann-W
Nickel (mg/L)	GWA-22 (bg)	-2.51	No	0.01	No	Mann-W
Nickel (mg/L)	GWA-45 (bg)	-1.739	No	0.01	No	Mann-W
Nickel (mg/L)	GWA-46 (bg)	-1.113	No	0.01	No	Mann-W

Welch's t-test/Mann-Whitney - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 6/10/2025, 11:36 AM

Constituent	Well	Calc.	0.01	Alpha	Sig.	Method
Nickel (mg/L)	GWA-47 (bg)	-1.455	No	0.01	No	Mann-W
Nickel (mg/L)	GWA-48 (bg)	-0.9989	No	0.01	No	Mann-W
Nickel (mg/L)	GWA-49 (bg)	-0.7261	No	0.01	No	Mann-W
Nickel (mg/L)	**GWC-29**	**-2.735**	**Yes**	**0.01**	**Yes**	**Mann-W**
Nickel (mg/L)	**GWC-50**	**3.341**	**Yes**	**0.01**	**Yes**	**Mann-W**
Nickel (mg/L)	GWC-51	1.969	No	0.01	No	Mann-W
Nickel (mg/L)	GWC-53	2.039	No	0.01	No	Mann-W
pH, Field (SU)	GWA-21 (bg)	0.04899	No	0.01	No	Mann-W
pH, Field (SU)	GWA-22 (bg)	1.915	No	0.01	No	Mann-W
pH, Field (SU)	GWA-45 (bg)	-1.392	No	0.01	No	Mann-W
pH, Field (SU)	GWA-46 (bg)	1.195	No	0.01	No	Mann-W
pH, Field (SU)	GWA-47 (bg)	0.9232	No	0.01	No	Mann-W
pH, Field (SU)	GWA-48 (bg)	1.025	No	0.01	No	Mann-W
pH, Field (SU)	GWA-49 (bg)	1.422	No	0.01	No	Mann-W
pH, Field (SU)	**GWC-29**	**2.763**	**Yes**	**0.01**	**Yes**	**Mann-W**
pH, Field (SU)	GWC-50	-0.1466	No	0.01	No	Mann-W
pH, Field (SU)	GWC-51	0.8183	No	0.01	No	Mann-W
pH, Field (SU)	GWC-52	-0.039	No	0.01	No	Mann-W
pH, Field (SU)	GWC-53	1.53	No	0.01	No	Mann-W
Selenium (mg/L)	GWA-22 (bg)	0.5775	No	0.01	No	Mann-W
Selenium (mg/L)	GWA-45 (bg)	-0.6506	No	0.01	No	Mann-W
Selenium (mg/L)	GWA-47 (bg)	0.2694	No	0.01	No	Mann-W
Selenium (mg/L)	GWA-48 (bg)	0.5872	No	0.01	No	Mann-W
Selenium (mg/L)	GWA-49 (bg)	0.6918	No	0.01	No	Mann-W
Selenium (mg/L)	GWC-29	0.4437	No	0.01	No	Mann-W
Selenium (mg/L)	GWC-50	0.4437	No	0.01	No	Mann-W
Selenium (mg/L)	GWC-52	-0.4342	No	0.01	No	Mann-W
Selenium (mg/L)	GWC-53	0.5775	No	0.01	No	Mann-W
Sulfate (mg/L)	GWA-21 (bg)	1.91	No	0.01	No	Mann-W
Sulfate (mg/L)	GWA-22 (bg)	1.657	No	0.01	No	Mann-W
Sulfate (mg/L)	GWA-45 (bg)	1.442	No	0.01	No	Mann-W
Sulfate (mg/L)	GWA-46 (bg)	-0.04478	No	0.01	No	Mann-W
Sulfate (mg/L)	GWA-47 (bg)	0.7153	No	0.01	No	Mann-W
Sulfate (mg/L)	GWA-48 (bg)	-0.2452	No	0.01	No	Mann-W
Sulfate (mg/L)	GWA-49 (bg)	0	No	0.01	No	Mann-W
Sulfate (mg/L)	**GWC-29**	**-2.904**	**Yes**	**0.01**	**Yes**	**Mann-W**
Sulfate (mg/L)	GWC-50	0.6411	No	0.01	No	Mann-W
Sulfate (mg/L)	**GWC-51**	**2.885**	**Yes**	**0.01**	**Yes**	**Mann-W**
Sulfate (mg/L)	**GWC-52**	**4.033**	**Yes**	**0.01**	**Yes**	**Mann-W**
Sulfate (mg/L)	**GWC-53**	**2.636**	**Yes**	**0.01**	**Yes**	**Mann-W**
TDS (mg/L)	GWA-21 (bg)	0.1224	No	0.01	No	Mann-W
TDS (mg/L)	GWA-22 (bg)	1.989	No	0.01	No	Mann-W
TDS (mg/L)	GWA-45 (bg)	1.199	No	0.01	No	Mann-W
TDS (mg/L)	GWA-46 (bg)	1.455	No	0.01	No	Mann-W
TDS (mg/L)	GWA-47 (bg)	2.317	No	0.01	No	Mann-W
TDS (mg/L)	GWA-48 (bg)	1.039	No	0.01	No	Mann-W
TDS (mg/L)	GWA-49 (bg)	1.337	No	0.01	No	Mann-W
TDS (mg/L)	GWC-29	1.66	No	0.01	No	Mann-W
TDS (mg/L)	GWC-50	0.2561	No	0.01	No	Mann-W
TDS (mg/L)	GWC-51	1.494	No	0.01	No	Mann-W
TDS (mg/L)	**GWC-52**	**3.175**	**Yes**	**0.01**	**Yes**	**Mann-W**
TDS (mg/L)	GWC-53	1.837	No	0.01	No	Mann-W
Thallium (mg/L)	GWA-21 (bg)	0.5775	No	0.01	No	Mann-W
Thallium (mg/L)	GWA-22 (bg)	0.4437	No	0.01	No	Mann-W
Thallium (mg/L)	GWA-45 (bg)	0.5775	No	0.01	No	Mann-W
Thallium (mg/L)	GWA-48 (bg)	0.4437	No	0.01	No	Mann-W
Thallium (mg/L)	GWC-50	0.2652	No	0.01	No	Mann-W
Thallium (mg/L)	GWC-51	0.2652	No	0.01	No	Mann-W
Vanadium (mg/L)	GWA-21 (bg)	1.658	No	0.01	No	Mann-W
Vanadium (mg/L)	GWA-22 (bg)	2.159	No	0.01	No	Mann-W
Vanadium (mg/L)	GWA-45 (bg)	-2.472	No	0.01	No	Mann-W
Vanadium (mg/L)	GWA-46 (bg)	-1.1	No	0.01	No	Mann-W
Vanadium (mg/L)	GWA-47 (bg)	-0.397	No	0.01	No	Mann-W
Vanadium (mg/L)	GWA-48 (bg)	1.369	No	0.01	No	Mann-W
Vanadium (mg/L)	GWA-49 (bg)	-0.0605	No	0.01	No	Mann-W
Vanadium (mg/L)	GWC-29	0.2065	No	0.01	No	Mann-W
Vanadium (mg/L)	GWC-50	-1.248	No	0.01	No	Mann-W
Vanadium (mg/L)	GWC-51	-1.121	No	0.01	No	Mann-W

Welch's t-test/Mann-Whitney - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 6/10/2025, 11:36 AM

Constituent	Well	Calc.	0.01	Alpha	Sig.	Method
Vanadium (mg/L)	GWC-52	-2.302	No	0.01	No	Mann-W
Vanadium (mg/L)	GWC-53	-0.3193	No	0.01	No	Mann-W
Zinc (mg/L)	GWA-21 (bg)	0.4842	No	0.01	No	Mann-W
Zinc (mg/L)	GWA-22 (bg)	1.347	No	0.01	No	Mann-W
Zinc (mg/L)	GWA-45 (bg)	-0.1343	No	0.01	No	Mann-W
Zinc (mg/L)	GWA-46 (bg)	-1.467	No	0.01	No	Mann-W
Zinc (mg/L)	GWA-47 (bg)	0.1757	No	0.01	No	Mann-W
Zinc (mg/L)	GWA-48 (bg)	0.3539	No	0.01	No	Mann-W
Zinc (mg/L)	GWA-49 (bg)	0.4842	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-29	-0.4811	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-50	-1.564	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-51	-1.148	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-52	-0.6225	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-53	0.1196	No	0.01	No	Mann-W

Appendix I Intrawell Prediction Limits - Significant Results

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 4/24/2025, 10:38 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Barium (mg/L)	**GWC-52**	**0.02207**	**n/a**	**2/26/2025**	**0.033**	**Yes**	**27**	**0.01343**	**0.003942**	**0**	**None**	**No**	**0.0007022**	**Param Intra 1 of 2**
Chromium (mg/L)	**GWC-51**	**0.007241**	**n/a**	**2/26/2025**	**0.0078**	**Yes**	**36**	**0.004027**	**0.001516**	**5.556**	**None**	**No**	**0.0007022**	**Param Intra 1 of 2**
Chromium (mg/L)	**GWC-52**	**0.01512**	**n/a**	**2/26/2025**	**0.026**	**Yes**	**24**	**0.009958**	**0.002314**	**0**	**None**	**No**	**0.0007022**	**Param Intra 1 of 2**
Vanadium (mg/L)	**GWA-45**	**0.0062**	**n/a**	**2/26/2025**	**0.0082**	**Yes**	**31**	**n/a**	**n/a**	**48.39**	**n/a**	**n/a**	**0.001905**	**NP Intra (normality) 1 of 2**
Vanadium (mg/L)	**GWA-46**	**0.006277**	**n/a**	**2/26/2025**	**0.0069**	**Yes**	**30**	**0.05652**	**0.01052**	**6.667**	**None**	**sqrt(x)**	**0.0007022**	**Param Intra 1 of 2**
Vanadium (mg/L)	**GWA-49**	**0.02234**	**n/a**	**2/26/2025**	**0.026**	**Yes**	**31**	**0.01881**	**0.001639**	**0**	**None**	**No**	**0.0007022**	**Param Intra 1 of 2**
Vanadium (mg/L)	**GWC-50**	**0.007096**	**n/a**	**2/26/2025**	**0.009**	**Yes**	**31**	**0.05081**	**0.01553**	**25.81**	**Kaplan-Meier**	**sqrt(x)**	**0.0007022**	**Param Intra 1 of 2**
Vanadium (mg/L)	**GWC-51**	**0.00737**	**n/a**	**2/26/2025**	**0.01**	**Yes**	**31**	**0.004792**	**0.001198**	**6.452**	**None**	**No**	**0.0007022**	**Param Intra 1 of 2**
Vanadium (mg/L)	**GWC-52**	**0.01339**	**n/a**	**2/26/2025**	**0.014**	**Yes**	**31**	**0.01086**	**0.001174**	**0**	**None**	**No**	**0.0007022**	**Param Intra 1 of 2**

Appendix I Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 4/24/2025, 10:38 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony (mg/L)	GWA-21	0.002	n/a	2/25/2025	0.002ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-46	0.002	n/a	2/26/2025	0.002ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-47	0.002	n/a	2/26/2025	0.002ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-48	0.002	n/a	2/26/2025	0.002ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-51	0.002	n/a	2/26/2025	0.002ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-22	0.001	n/a	2/25/2025	0.001ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-45	0.0015	n/a	2/26/2025	0.001ND	No	36	n/a	n/a	91.67	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-46	0.0013	n/a	2/26/2025	0.001ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-47	0.0011	n/a	2/26/2025	0.001ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-48	0.001	n/a	2/26/2025	0.001ND	No	36	n/a	n/a	94.44	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-49	0.0011	n/a	2/26/2025	0.001ND	No	36	n/a	n/a	94.44	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-29	0.0013	n/a	2/26/2025	0.001ND	No	36	n/a	n/a	94.44	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-50	0.0011	n/a	2/26/2025	0.001ND	No	36	n/a	n/a	94.44	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-52	0.001	n/a	2/26/2025	0.001ND	No	36	n/a	n/a	91.67	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-53	0.0013	n/a	2/25/2025	0.001ND	No	36	n/a	n/a	91.67	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Barium (mg/L)	GWA-21	0.02877	n/a	2/25/2025	0.019	No	35	0.02245	0.002972	0	None	No	0.0007022	Param Intra 1 of 2
Barium (mg/L)	GWA-22	0.03038	n/a	2/25/2025	0.024	No	36	0.02404	0.002991	0	None	No	0.0007022	Param Intra 1 of 2
Barium (mg/L)	GWA-45	0.07871	n/a	2/26/2025	0.052	No	32	0.03994	0.01806	0	None	No	0.0007022	Param Intra 1 of 2
Barium (mg/L)	GWA-46	0.02426	n/a	2/26/2025	0.023	No	35	0.02016	0.001929	0	None	No	0.0007022	Param Intra 1 of 2
Barium (mg/L)	GWA-47	0.04523	n/a	2/26/2025	0.031	No	35	-3.537	0.2074	0	None	ln(x)	0.0007022	Param Intra 1 of 2
Barium (mg/L)	GWA-48	0.031	n/a	2/26/2025	0.014	No	34	n/a	n/a	0	n/a	n/a	0.001599	NP Intra (normality) 1 of 2
Barium (mg/L)	GWA-49	0.02293	n/a	2/26/2025	0.019	No	36	0.01964	0.001553	0	None	No	0.0007022	Param Intra 1 of 2
Barium (mg/L)	GWC-29	0.02326	n/a	2/26/2025	0.018	No	36	0.1305	0.01039	0	None	sqrt(x)	0.0007022	Param Intra 1 of 2
Barium (mg/L)	GWC-50	0.038	n/a	2/26/2025	0.014	No	36	n/a	n/a	0	n/a	n/a	0.001429	NP Intra (normality) 1 of 2
Barium (mg/L)	GWC-51	0.019	n/a	2/26/2025	0.011	No	36	n/a	n/a	0	n/a	n/a	0.001429	NP Intra (normality) 1 of 2
Barium (mg/L)	**GWC-52**	**0.02207**	**n/a**	**2/26/2025**	**0.033**	**Yes**	**27**	**0.01343**	**0.003942**	**0**	**None**	**No**	**0.0007022**	**Param Intra 1 of 2**
Barium (mg/L)	GWC-53	0.05436	n/a	2/25/2025	0.032	No	10	0.0428	0.004077	0	None	No	0.0007022	Param Intra 1 of 2
Beryllium (mg/L)	GWA-22	0.0025	n/a	2/25/2025	0.0025ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWA-45	0.0025	n/a	2/26/2025	0.00022J	No	36	n/a	n/a	100	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-51	0.0025	n/a	2/26/2025	0.0025ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWA-47	0.0025	n/a	2/26/2025	0.0025ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-50	0.0025	n/a	2/26/2025	0.0025ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-52	0.0025	n/a	2/26/2025	0.0025ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-53	0.0025	n/a	2/25/2025	0.00009J	No	36	n/a	n/a	100	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-21	0.007688	n/a	2/25/2025	0.001ND	No	36	0.1382	0.0279	8.333	None	x^(1/3)	0.0007022	Param Intra 1 of 2
Chromium (mg/L)	GWA-22	0.01313	n/a	2/25/2025	0.01	No	36	0.007652	0.002586	0	None	No	0.0007022	Param Intra 1 of 2
Chromium (mg/L)	GWA-45	0.0042	n/a	2/26/2025	0.0012J	No	36	n/a	n/a	86.11	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-46	0.0088	n/a	2/26/2025	0.0048	No	36	n/a	n/a	0	n/a	n/a	0.001429	NP Intra (normality) 1 of 2
Chromium (mg/L)	GWA-47	0.045	n/a	2/26/2025	0.01	No	36	n/a	n/a	0	n/a	n/a	0.001429	NP Intra (normality) 1 of 2
Chromium (mg/L)	GWA-48	0.028	n/a	2/26/2025	0.0061	No	36	n/a	n/a	2.778	n/a	n/a	0.001429	NP Intra (normality) 1 of 2
Chromium (mg/L)	GWA-49	0.009266	n/a	2/26/2025	0.0057	No	36	0.1838	0.0124	0	None	x^(1/3)	0.0007022	Param Intra 1 of 2
Chromium (mg/L)	GWC-29	0.0039	n/a	2/26/2025	0.002ND	No	36	n/a	n/a	41.67	n/a	n/a	0.001429	NP Intra (normality) 1 of 2
Chromium (mg/L)	GWC-50	0.0089	n/a	2/26/2025	0.0032	No	36	n/a	n/a	5.556	n/a	n/a	0.001429	NP Intra (normality) 1 of 2
Chromium (mg/L)	**GWC-51**	**0.007241**	**n/a**	**2/26/2025**	**0.0078**	**Yes**	**36**	**0.004027**	**0.001516**	**5.556**	**None**	**No**	**0.0007022**	**Param Intra 1 of 2**
Chromium (mg/L)	**GWC-52**	**0.01512**	**n/a**	**2/26/2025**	**0.026**	**Yes**	**24**	**0.009958**	**0.002314**	**0**	**None**	**No**	**0.0007022**	**Param Intra 1 of 2**
Chromium (mg/L)	GWC-53	0.0053	n/a	2/25/2025	0.002ND	No	36	n/a	n/a	36.11	n/a	n/a	0.001429	NP Intra (normality) 1 of 2
Cobalt (mg/L)	GWA-21	0.0025	n/a	2/25/2025	0.00023J	No	36	n/a	n/a	63.89	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-22	0.0025	n/a	2/25/2025	0.0025ND	No	35	n/a	n/a	74.29	n/a	n/a	0.001497	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-45	0.003656	n/a	2/26/2025	0.00072J	No	31	0.001627	0.0009422	22.58	Kaplan-Meier	No	0.0007022	Param Intra 1 of 2
Cobalt (mg/L)	GWA-46	0.0025	n/a	2/26/2025	0.0025ND	No	36	n/a	n/a	91.67	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-47	0.003	n/a	2/26/2025	0.0025ND	No	34	n/a	n/a	85.29	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-48	0.0025	n/a	2/26/2025	0.0025ND	No	35	n/a	n/a	91.43	n/a	n/a	0.001497	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-49	0.0025	n/a	2/26/2025	0.0025ND	No	36	n/a	n/a	86.11	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-29	0.0025	n/a	2/26/2025	0.0025ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-50	0.01	n/a	2/26/2025	0.0025ND	No	36	n/a	n/a	94.44	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-51	0.0025	n/a	2/26/2025	0.0025ND	No	36	n/a	n/a	88.89	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-52	0.0025	n/a	2/26/2025	0.0025ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-53	0.01712	n/a	2/25/2025	0.012	No	36	0.008389	0.004121	2.778	None	No	0.0007022	Param Intra 1 of 2
Copper (mg/L)	GWA-21	0.0023	n/a	2/25/2025	0.002ND	No	30	n/a	n/a	93.33	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-22	0.003	n/a	2/25/2025	0.002ND	No	30	n/a	n/a	90	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-45	0.0068	n/a	2/26/2025	0.002ND	No	31	n/a	n/a	77.42	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-47	0.022	n/a	2/26/2025	0.002ND	No	30	n/a	n/a	50	n/a	n/a	0.002008	NP Intra (normality) 1 of 2
Copper (mg/L)	GWA-48	0.0084	n/a	2/26/2025	0.002ND	No	30	n/a	n/a	63.33	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-49	0.0031	n/a	2/26/2025	0.002ND	No	31	n/a	n/a	90.32	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-50	0.0046	n/a	2/26/2025	0.002ND	No	30	n/a	n/a	93.33	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-51	0.0025	n/a	2/26/2025	0.002ND	No	31	n/a	n/a	90.32	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-21	0.0022	n/a	2/25/2025	0.001ND	No	23	n/a	n/a	91.3	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-22	0.002	n/a	2/25/2025	0.001ND	No	23	n/a	n/a	86.96	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 4/24/2025, 10:38 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Lead (mg/L)	GWA-45	0.0016	n/a	2/26/2025	0.001ND	No	23	n/a	n/a	91.3	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-46	0.001	n/a	2/26/2025	0.001ND	No	23	n/a	n/a	100	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-47	0.001	n/a	2/26/2025	0.001ND	No	23	n/a	n/a	95.65	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-48	0.001	n/a	2/26/2025	0.001ND	No	23	n/a	n/a	95.65	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-49	0.001	n/a	2/26/2025	0.001ND	No	23	n/a	n/a	95.65	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-29	0.001	n/a	2/26/2025	0.001ND	No	23	n/a	n/a	100	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-50	0.001	n/a	2/26/2025	0.001ND	No	23	n/a	n/a	91.3	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-51	0.0015	n/a	2/26/2025	0.001ND	No	23	n/a	n/a	86.96	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-52	0.001	n/a	2/26/2025	0.001ND	No	22	n/a	n/a	100	n/a	n/a	0.003707	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-53	0.001	n/a	2/25/2025	0.001ND	No	23	n/a	n/a	95.65	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-21	0.0002	n/a	2/25/2025	0.0002ND	No	36	n/a	n/a	86.11	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-22	0.0002	n/a	2/25/2025	0.0002ND	No	36	n/a	n/a	88.89	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-45	0.0002	n/a	2/26/2025	0.0002ND	No	36	n/a	n/a	88.89	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-46	0.0002	n/a	2/26/2025	0.0002ND	No	36	n/a	n/a	88.89	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-47	0.0002	n/a	2/26/2025	0.0002ND	No	36	n/a	n/a	86.11	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-48	0.0002	n/a	2/26/2025	0.0002ND	No	36	n/a	n/a	88.89	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-49	0.0002	n/a	2/26/2025	0.0002ND	No	36	n/a	n/a	88.89	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-29	0.0002	n/a	2/26/2025	0.0002ND	No	36	n/a	n/a	88.89	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-50	0.0002	n/a	2/26/2025	0.0002ND	No	36	n/a	n/a	88.89	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-51	0.0002	n/a	2/26/2025	0.0002ND	No	36	n/a	n/a	94.44	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-52	0.0002	n/a	2/26/2025	0.0002ND	No	36	n/a	n/a	88.89	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-53	0.0002	n/a	2/25/2025	0.0002ND	No	36	n/a	n/a	91.67	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-21	0.0015	n/a	2/25/2025	0.00099J	No	30	n/a	n/a	66.67	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-22	0.0014	n/a	2/25/2025	0.001ND	No	30	n/a	n/a	76.67	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-45	0.0011	n/a	2/26/2025	0.00053J	No	31	n/a	n/a	67.74	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-46	0.001	n/a	2/26/2025	0.00049J	No	30	n/a	n/a	90	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-47	0.022	n/a	2/26/2025	0.001ND	No	31	n/a	n/a	67.74	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-48	0.016	n/a	2/26/2025	0.001ND	No	31	n/a	n/a	64.52	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-49	0.0019	n/a	2/26/2025	0.001ND	No	31	n/a	n/a	80.65	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-29	0.005	n/a	2/26/2025	0.0027	No	31	n/a	n/a	38.71	n/a	n/a	0.001905	NP Intra (normality) 1 of 2
Nickel (mg/L)	GWC-50	0.0073	n/a	2/26/2025	0.0032	No	31	n/a	n/a	64.52	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-51	0.0034	n/a	2/26/2025	0.0024	No	31	n/a	n/a	51.61	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-53	0.008133	n/a	2/25/2025	0.0078	No	31	0.00004852	0.000008186	0	None	x^2	0.0007022	Param Intra 1 of 2
Selenium (mg/L)	GWA-22	0.005	n/a	2/25/2025	0.005ND	No	36	n/a	n/a	91.67	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWA-45	0.005	n/a	2/26/2025	0.005ND	No	34	n/a	n/a	85.29	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWA-47	0.005	n/a	2/26/2025	0.005ND	No	35	n/a	n/a	97.14	n/a	n/a	0.001497	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWA-48	0.005	n/a	2/26/2025	0.005ND	No	35	n/a	n/a	91.43	n/a	n/a	0.001497	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWA-49	0.005	n/a	2/26/2025	0.005ND	No	36	n/a	n/a	88.89	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-29	0.005	n/a	2/26/2025	0.005ND	No	36	n/a	n/a	94.44	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-50	0.005	n/a	2/26/2025	0.005ND	No	36	n/a	n/a	94.44	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-52	0.005	n/a	2/26/2025	0.005ND	No	35	n/a	n/a	82.86	n/a	n/a	0.001497	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-53	0.005	n/a	2/25/2025	0.0011J	No	36	n/a	n/a	91.67	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWA-21	0.001	n/a	2/25/2025	0.001ND	No	36	n/a	n/a	91.67	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWA-22	0.001	n/a	2/25/2025	0.001ND	No	36	n/a	n/a	94.44	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWA-45	0.001	n/a	2/26/2025	0.001ND	No	36	n/a	n/a	91.67	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWA-48	0.001	n/a	2/26/2025	0.001ND	No	36	n/a	n/a	94.44	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-50	0.001	n/a	2/26/2025	0.001ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-51	0.001	n/a	2/26/2025	0.001ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-21	0.0072	n/a	2/25/2025	0.0014J	No	31	n/a	n/a	35.48	n/a	n/a	0.001905	NP Intra (normality) 1 of 2
Vanadium (mg/L)	GWA-22	0.0083	n/a	2/25/2025	0.008	No	31	n/a	n/a	32.26	n/a	n/a	0.001905	NP Intra (normality) 1 of 2
Vanadium (mg/L)	**GWA-45**	**0.0062**	**n/a**	**2/26/2025**	**0.0082**	**Yes**	**31**	**n/a**	**n/a**	**48.39**	**n/a**	**n/a**	**0.001905**	**NP Intra (normality) 1 of 2**
Vanadium (mg/L)	**GWA-46**	**0.006277**	**n/a**	**2/26/2025**	**0.0069**	**Yes**	**30**	**0.05652**	**0.01052**	**6.667**	**None**	**sqrt(x)**	**0.0007022**	**Param Intra 1 of 2**
Vanadium (mg/L)	GWA-47	0.01931	n/a	2/26/2025	0.0097	No	30	0.09539	0.02018	0	None	sqrt(x)	0.0007022	Param Intra 1 of 2
Vanadium (mg/L)	GWA-48	0.022	n/a	2/26/2025	0.021	No	31	0.0002765	0.00009634	0	None	x^2	0.0007022	Param Intra 1 of 2
Vanadium (mg/L)	**GWA-49**	**0.02234**	**n/a**	**2/26/2025**	**0.026**	**Yes**	**31**	**0.01881**	**0.001639**	**0**	**None**	**No**	**0.0007022**	**Param Intra 1 of 2**
Vanadium (mg/L)	GWC-29	0.007556	n/a	2/26/2025	0.0056	No	31	0.06977	0.007969	0	None	sqrt(x)	0.0007022	Param Intra 1 of 2
Vanadium (mg/L)	**GWC-50**	**0.007096**	**n/a**	**2/26/2025**	**0.009**	**Yes**	**31**	**0.05081**	**0.01553**	**25.81**	**Kaplan-Meier**	**sqrt(x)**	**0.0007022**	**Param Intra 1 of 2**
Vanadium (mg/L)	**GWC-51**	**0.00737**	**n/a**	**2/26/2025**	**0.01**	**Yes**	**31**	**0.004792**	**0.001198**	**6.452**	**None**	**No**	**0.0007022**	**Param Intra 1 of 2**
Vanadium (mg/L)	**GWC-52**	**0.01339**	**n/a**	**2/26/2025**	**0.014**	**Yes**	**31**	**0.01086**	**0.001174**	**0**	**None**	**No**	**0.0007022**	**Param Intra 1 of 2**
Vanadium (mg/L)	GWC-53	0.0065	n/a	2/25/2025	0.002ND	No	31	n/a	n/a	67.74	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-21	0.005	n/a	2/25/2025	0.0028J	No	31	n/a	n/a	93.55	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-22	0.0085	n/a	2/25/2025	0.0076	No	30	n/a	n/a	90	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-45	0.0098	n/a	2/26/2025	0.0055	No	31	n/a	n/a	61.29	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-46	0.0096	n/a	2/26/2025	0.0035J	No	30	n/a	n/a	70	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-47	0.0087	n/a	2/26/2025	0.005ND	No	30	n/a	n/a	90	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-48	0.008	n/a	2/26/2025	0.0044J	No	31	n/a	n/a	87.1	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-49	0.005	n/a	2/26/2025	0.005ND	No	31	n/a	n/a	93.55	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-29	0.0058	n/a	2/26/2025	0.005ND	No	31	n/a	n/a	96.77	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 4/24/2025, 10:38 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Zinc (mg/L)	GWC-50	0.0076	n/a	2/26/2025	0.005ND	No	31	n/a	n/a	83.87	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-51	0.005	n/a	2/26/2025	0.004J	No	31	n/a	n/a	90.32	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-52	0.0073	n/a	2/26/2025	0.005ND	No	31	n/a	n/a	93.55	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-53	0.01939	n/a	2/25/2025	0.018	No	31	0.01409	0.00246	0	None	No	0.0007022	Param Intra 1 of 2

Appendix I Interwell Prediction Limits - Two-Step - All Results (No Significant)

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 4/24/2025, 10:41 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Barium (mg/L)	GWC-52	0.091	n/a	2/26/2025	0.033	No	250	n/a	n/a	0	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
Chromium (mg/L)	GWC-51	0.045	n/a	2/26/2025	0.0078	No	259	n/a	n/a	13.9	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
Chromium (mg/L)	GWC-52	0.045	n/a	2/26/2025	0.026	No	259	n/a	n/a	13.9	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
Vanadium (mg/L)	GWC-50	0.026	n/a	2/26/2025	0.009	No	222	n/a	n/a	17.12	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
Vanadium (mg/L)	GWC-51	0.026	n/a	2/26/2025	0.01	No	222	n/a	n/a	17.12	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
Vanadium (mg/L)	GWC-52	0.026	n/a	2/26/2025	0.014	No	222	n/a	n/a	17.12	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2

Appendix I Trend Tests - Significant Results

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 4/24/2025, 10:43 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Barium (mg/L)	**GWA-22 (bg)**	**-0.0003365**	**-231**	**-199**	**Yes**	**37**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Barium (mg/L)	**GWA-45 (bg)**	**0.003319**	**363**	**167**	**Yes**	**33**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Barium (mg/L)	**GWA-46 (bg)**	**0.0003667**	**361**	**191**	**Yes**	**36**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Barium (mg/L)	**GWC-52**	**0.001198**	**556**	**199**	**Yes**	**37**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chromium (mg/L)	**GWA-22 (bg)**	**0.0005054**	**428**	**199**	**Yes**	**37**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chromium (mg/L)	**GWC-51**	**0.0001885**	**216**	**199**	**Yes**	**37**	**5.405**	**n/a**	**n/a**	**0.01**	**NP**
Chromium (mg/L)	**GWC-52**	**0.002039**	**445**	**199**	**Yes**	**37**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Vanadium (mg/L)	**GWA-48 (bg)**	**0.000485**	**267**	**161**	**Yes**	**32**	**0**	**n/a**	**n/a**	**0.01**	**NP**

Appendix I Trend Tests - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 4/24/2025, 10:43 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Barium (mg/L)	GWA-21 (bg)	0.00008267	51	191	No	36	0	n/a	n/a	0.01	NP
Barium (mg/L)	**GWA-22 (bg)**	**-0.0003365**	**-231**	**-199**	**Yes**	**37**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Barium (mg/L)	**GWA-45 (bg)**	**0.003319**	**363**	**167**	**Yes**	**33**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Barium (mg/L)	**GWA-46 (bg)**	**0.0003667**	**361**	**191**	**Yes**	**36**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Barium (mg/L)	GWA-47 (bg)	0	-31	-191	No	36	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWA-48 (bg)	0	16	184	No	35	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWA-49 (bg)	0	46	199	No	37	0	n/a	n/a	0.01	NP
Barium (mg/L)	**GWC-52**	**0.001198**	**556**	**199**	**Yes**	**37**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chromium (mg/L)	GWA-21 (bg)	-0.0001899	-183	-199	No	37	10.81	n/a	n/a	0.01	NP
Chromium (mg/L)	**GWA-22 (bg)**	**0.0005054**	**428**	**199**	**Yes**	**37**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chromium (mg/L)	GWA-45 (bg)	0	-104	-199	No	37	83.78	n/a	n/a	0.01	NP
Chromium (mg/L)	GWA-46 (bg)	0.00005921	164	199	No	37	0	n/a	n/a	0.01	NP
Chromium (mg/L)	GWA-47 (bg)	0.00008538	63	199	No	37	0	n/a	n/a	0.01	NP
Chromium (mg/L)	GWA-48 (bg)	-0.00002111	-28	-199	No	37	2.703	n/a	n/a	0.01	NP
Chromium (mg/L)	GWA-49 (bg)	0.00001305	24	199	No	37	0	n/a	n/a	0.01	NP
Chromium (mg/L)	**GWC-51**	**0.0001885**	**216**	**199**	**Yes**	**37**	**5.405**	**n/a**	**n/a**	**0.01**	**NP**
Chromium (mg/L)	**GWC-52**	**0.002039**	**445**	**199**	**Yes**	**37**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Vanadium (mg/L)	GWA-21 (bg)	6.2e-12	72	161	No	32	34.38	n/a	n/a	0.01	NP
Vanadium (mg/L)	GWA-22 (bg)	0.00009366	143	161	No	32	31.25	n/a	n/a	0.01	NP
Vanadium (mg/L)	GWA-45 (bg)	-0.00003386	-147	-161	No	32	46.88	n/a	n/a	0.01	NP
Vanadium (mg/L)	GWA-46 (bg)	0	-6	-152	No	31	6.452	n/a	n/a	0.01	NP
Vanadium (mg/L)	GWA-47 (bg)	-0.0002681	-52	-152	No	31	0	n/a	n/a	0.01	NP
Vanadium (mg/L)	**GWA-48 (bg)**	**0.000485**	**267**	**161**	**Yes**	**32**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Vanadium (mg/L)	GWA-49 (bg)	0.0001069	129	161	No	32	0	n/a	n/a	0.01	NP
Vanadium (mg/L)	GWC-50	0.00007466	68	161	No	32	25	n/a	n/a	0.01	NP
Vanadium (mg/L)	GWC-51	0.00005868	73	161	No	32	6.25	n/a	n/a	0.01	NP
Vanadium (mg/L)	GWC-52	0	-71	-161	No	32	0	n/a	n/a	0.01	NP

Appendix III Intrawell Prediction Limits - Significant Results

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 4/24/2025, 9:58 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Calcium (mg/L)	**GWC-52**	**22.55**	**n/a**	**2/26/2025**	**27**	**Yes**	**19**	**15.64**	**3.322**	**0**	**None**	**No**	**0.001504**	**Param Intra 1 of 2**
Chloride (mg/L)	**GWA-48**	**1.99**	**n/a**	**2/26/2025**	**2**	**Yes**	**22**	**1.747**	**0.1197**	**0**	**None**	**No**	**0.001504**	**Param Intra 1 of 2**
Chloride (mg/L)	**GWC-51**	**8.476**	**n/a**	**2/26/2025**	**8.7**	**Yes**	**22**	**7.195**	**0.6306**	**0**	**None**	**No**	**0.001504**	**Param Intra 1 of 2**
Chloride (mg/L)	**GWC-52**	**8.531**	**n/a**	**2/26/2025**	**8.6**	**Yes**	**22**	**237487**	**72936**	**0**	**None**	**x^6**	**0.001504**	**Param Intra 1 of 2**
pH, Field (SU)	**GWA-21**	**6.053**	**5.549**	**2/25/2025**	**6.07**	**Yes**	**37**	**5.801**	**0.1319**	**0**	**None**	**No**	**0.000752**	**Param Intra 1 of 2**
pH, Field (SU)	**GWA-22**	**6.345**	**5.588**	**2/25/2025**	**6.66**	**Yes**	**36**	**5.966**	**0.198**	**0**	**None**	**No**	**0.000752**	**Param Intra 1 of 2**
pH, Field (SU)	**GWA-45**	**6.54**	**5.88**	**2/26/2025**	**6.85**	**Yes**	**39**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.002453**	**NP Intra (normality) 1 of 2**
pH, Field (SU)	**GWC-29**	**6.353**	**5.494**	**2/26/2025**	**6.54**	**Yes**	**37**	**5.924**	**0.2253**	**0**	**None**	**No**	**0.000752**	**Param Intra 1 of 2**
pH, Field (SU)	**GWC-51**	**6.04**	**5.68**	**2/26/2025**	**6.23**	**Yes**	**39**	**5.86**	**0.0948**	**0**	**None**	**No**	**0.000752**	**Param Intra 1 of 2**
pH, Field (SU)	**GWC-52**	**6.882**	**6.416**	**2/26/2025**	**7.03**	**Yes**	**39**	**6.649**	**0.1228**	**0**	**None**	**No**	**0.000752**	**Param Intra 1 of 2**
Sulfate (mg/L)	**GWC-51**	**3.662**	**n/a**	**2/26/2025**	**4.1**	**Yes**	**23**	**1.088**	**0.4091**	**39.13**	**Kaplan-Meier**	**sqrt(x)**	**0.001504**	**Param Intra 1 of 2**
Sulfate (mg/L)	**GWC-52**	**26.35**	**n/a**	**2/26/2025**	**94**	**Yes**	**11**	**12.57**	**5.74**	**9.091**	**None**	**No**	**0.001504**	**Param Intra 1 of 2**
Sulfate (mg/L)	**GWC-53**	**189.3**	**n/a**	**2/25/2025**	**190**	**Yes**	**23**	**158.9**	**15.05**	**0**	**None**	**No**	**0.001504**	**Param Intra 1 of 2**

Appendix III Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 4/24/2025, 9:58 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	GWA-21	0.08	n/a	2/25/2025	0.08ND	No	23	n/a	n/a	91.3	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-22	0.19	n/a	2/25/2025	0.08ND	No	23	n/a	n/a	86.96	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-45	1.349	n/a	2/26/2025	1	No	14	0.9786	0.1656	0	None	No	0.001504	Param Intra 1 of 2
Boron (mg/L)	GWA-46	0.11	n/a	2/26/2025	0.08ND	No	23	n/a	n/a	86.96	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-47	0.08	n/a	2/26/2025	0.08ND	No	23	n/a	n/a	91.3	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-48	0.12	n/a	2/26/2025	0.08ND	No	23	n/a	n/a	82.61	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-49	0.08	n/a	2/26/2025	0.08ND	No	23	n/a	n/a	95.65	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-29	0.08	n/a	2/26/2025	0.08ND	No	23	n/a	n/a	86.96	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-50	0.08	n/a	2/26/2025	0.08ND	No	22	n/a	n/a	100	n/a	n/a	0.003707	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-51	0.08	n/a	2/26/2025	0.022J	No	23	n/a	n/a	86.96	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-52	0.08	n/a	2/26/2025	0.028J	No	23	n/a	n/a	86.96	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-53	1.124	n/a	2/25/2025	1.1	No	23	0.9576	0.08273	0	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWA-21	11.11	n/a	2/25/2025	5.8	No	23	8.333	1.374	0	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWA-22	11.08	n/a	2/25/2025	11	No	23	7.67	1.69	0	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWA-45	46.98	n/a	2/26/2025	26	No	23	32.45	7.205	0	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWA-46	7.262	n/a	2/26/2025	6.1	No	23	5.955	0.648	0	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWA-47	17	n/a	2/26/2025	14	No	23	n/a	n/a	0	n/a	n/a	0.003415	NP Intra (normality) 1 of 2
Calcium (mg/L)	GWA-48	14	n/a	2/26/2025	12	No	23	n/a	n/a	0	n/a	n/a	0.003415	NP Intra (normality) 1 of 2
Calcium (mg/L)	GWA-49	16	n/a	2/26/2025	14	No	23	n/a	n/a	0	n/a	n/a	0.003415	NP Intra (normality) 1 of 2
Calcium (mg/L)	GWC-29	22.36	n/a	2/26/2025	18	No	13	15.62	2.959	0	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWC-50	8.239	n/a	2/26/2025	7.5	No	22	7.243	0.4906	0	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWC-51	8.588	n/a	2/26/2025	8.1	No	23	7.057	0.7591	0	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	**GWC-52**	**22.55**	**n/a**	**2/26/2025**	**27**	**Yes**	**19**	**15.64**	**3.322**	**0**	**None**	**No**	**0.001504**	**Param Intra 1 of 2**
Calcium (mg/L)	GWC-53	21.26	n/a	2/25/2025	20	No	23	17.56	1.834	0	None	No	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWA-21	4.32	n/a	2/25/2025	3	No	23	3.423	0.4447	0	None	No	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWA-22	5	n/a	2/25/2025	1.8	No	23	n/a	n/a	0	n/a	n/a	0.003415	NP Intra (normality) 1 of 2
Chloride (mg/L)	GWA-45	14	n/a	2/26/2025	12	No	23	n/a	n/a	0	n/a	n/a	0.003415	NP Intra (normality) 1 of 2
Chloride (mg/L)	GWA-46	6.141	n/a	2/26/2025	5.8	No	23	4.109	1.007	0	None	No	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWA-47	1.878	n/a	2/26/2025	1.8	No	23	1.547	0.1645	0	None	No	0.001504	Param Intra 1 of 2
Chloride (mg/L)	**GWA-48**	**1.99**	**n/a**	**2/26/2025**	**2**	**Yes**	**22**	**1.747**	**0.1197**	**0**	**None**	**No**	**0.001504**	**Param Intra 1 of 2**
Chloride (mg/L)	GWA-49	2.328	n/a	2/26/2025	2.1	No	23	2.069	0.1283	0	None	No	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWC-29	4.065	n/a	2/26/2025	3.3	No	22	3.436	0.3094	0	None	No	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWC-50	2.197	n/a	2/26/2025	1.9	No	23	1.904	0.1455	0	None	No	0.001504	Param Intra 1 of 2
Chloride (mg/L)	**GWC-51**	**8.476**	**n/a**	**2/26/2025**	**8.7**	**Yes**	**22**	**7.195**	**0.6306**	**0**	**None**	**No**	**0.001504**	**Param Intra 1 of 2**
Chloride (mg/L)	**GWC-52**	**8.531**	**n/a**	**2/26/2025**	**8.6**	**Yes**	**22**	**237487**	**72936**	**0**	**None**	**x^6**	**0.001504**	**Param Intra 1 of 2**
Chloride (mg/L)	GWC-53	15.26	n/a	2/25/2025	14	No	25	11.81	1.733	0	None	No	0.001504	Param Intra 1 of 2
Fluoride (mg/L)	GWA-21	0.1	n/a	2/25/2025	0.1ND	No	23	n/a	n/a	52.17	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-22	0.1	n/a	2/25/2025	0.1ND	No	23	n/a	n/a	52.17	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-45	0.1	n/a	2/26/2025	0.1ND	No	23	n/a	n/a	73.91	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-46	0.11	n/a	2/26/2025	0.1ND	No	23	n/a	n/a	69.57	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-47	0.1	n/a	2/26/2025	0.1ND	No	23	n/a	n/a	56.52	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-48	0.1	n/a	2/26/2025	0.1ND	No	23	n/a	n/a	47.83	n/a	n/a	0.003415	NP Intra (normality) 1 of 2
Fluoride (mg/L)	GWA-49	0.1	n/a	2/26/2025	0.1ND	No	23	n/a	n/a	52.17	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-29	0.1	n/a	2/26/2025	0.1ND	No	23	n/a	n/a	52.17	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-50	0.1	n/a	2/26/2025	0.1ND	No	23	n/a	n/a	65.22	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-51	0.1	n/a	2/26/2025	0.1ND	No	23	n/a	n/a	65.22	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-52	0.1	n/a	2/26/2025	0.1ND	No	23	n/a	n/a	56.52	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-53	0.1	n/a	2/25/2025	0.1ND	No	23	n/a	n/a	82.61	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
pH, Field (SU)	**GWA-21**	**6.053**	**5.549**	**2/25/2025**	**6.07**	**Yes**	**37**	**5.801**	**0.1319**	**0**	**None**	**No**	**0.000752**	**Param Intra 1 of 2**
pH, Field (SU)	**GWA-22**	**6.345**	**5.588**	**2/25/2025**	**6.66**	**Yes**	**36**	**5.966**	**0.198**	**0**	**None**	**No**	**0.000752**	**Param Intra 1 of 2**
pH, Field (SU)	**GWA-45**	**6.54**	**5.88**	**2/26/2025**	**6.85**	**Yes**	**39**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.002453**	**NP Intra (normality) 1 of 2**
pH, Field (SU)	GWA-46	6.83	5.45	2/26/2025	5.92	No	40	n/a	n/a	0	n/a	n/a	0.002317	NP Intra (normality) 1 of 2
pH, Field (SU)	GWA-47	6.632	6.24	2/26/2025	6.5	No	41	6.436	0.1034	0	None	No	0.000752	Param Intra 1 of 2
pH, Field (SU)	GWA-48	6.987	6.595	2/26/2025	6.85	No	40	6.791	0.1033	0	None	No	0.000752	Param Intra 1 of 2
pH, Field (SU)	GWA-49	7.112	6.548	2/26/2025	6.96	No	38	15119	1618	0	None	x^5	0.000752	Param Intra 1 of 2
pH, Field (SU)	**GWC-29**	**6.353**	**5.494**	**2/26/2025**	**6.54**	**Yes**	**37**	**5.924**	**0.2253**	**0**	**None**	**No**	**0.000752**	**Param Intra 1 of 2**
pH, Field (SU)	GWC-50	6.032	5.568	2/26/2025	5.83	No	39	5.8	0.1222	0	None	No	0.000752	Param Intra 1 of 2
pH, Field (SU)	**GWC-51**	**6.04**	**5.68**	**2/26/2025**	**6.23**	**Yes**	**39**	**5.86**	**0.0948**	**0**	**None**	**No**	**0.000752**	**Param Intra 1 of 2**
pH, Field (SU)	**GWC-52**	**6.882**	**6.416**	**2/26/2025**	**7.03**	**Yes**	**39**	**6.649**	**0.1228**	**0**	**None**	**No**	**0.000752**	**Param Intra 1 of 2**
pH, Field (SU)	GWC-53	6.14	5.37	2/25/2025	5.68	No	41	n/a	n/a	0	n/a	n/a	0.002236	NP Intra (normality) 1 of 2
Sulfate (mg/L)	GWA-21	2.876	n/a	2/25/2025	2	No	23	1.553	0.6561	0	None	No	0.001504	Param Intra 1 of 2
Sulfate (mg/L)	GWA-22	1.7	n/a	2/25/2025	1ND	No	23	n/a	n/a	82.61	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-45	189.8	n/a	2/26/2025	150	No	23	153.8	17.85	0	None	No	0.001504	Param Intra 1 of 2
Sulfate (mg/L)	GWA-46	1.7	n/a	2/26/2025	1ND	No	23	n/a	n/a	52.17	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-47	1.6	n/a	2/26/2025	1ND	No	23	n/a	n/a	65.22	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-48	2.011	n/a	2/26/2025	0.5ND	No	23	1.116	0.1499	0	None	sqrt(x)	0.001504	Param Intra 1 of 2
Sulfate (mg/L)	GWA-49	1.2	n/a	2/26/2025	0.47J	No	23	n/a	n/a	52.17	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-29	3.35	n/a	2/26/2025	2	No	23	2.541	0.4008	0	None	No	0.001504	Param Intra 1 of 2

Appendix III Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 4/24/2025, 9:58 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Sulfate (mg/L)	GWC-50	1	n/a	2/26/2025	1ND	No	22	n/a	n/a	86.36	n/a	n/a	0.003707	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	**GWC-51**	**3.662**	**n/a**	**2/26/2025**	**4.1**	**Yes**	**23**	**1.088**	**0.4091**	**39.13**	**Kaplan-Meier**	**sqrt(x)**	**0.001504**	**Param Intra 1 of 2**
Sulfate (mg/L)	**GWC-52**	**26.35**	**n/a**	**2/26/2025**	**94**	**Yes**	**11**	**12.57**	**5.74**	**9.091**	**None**	**No**	**0.001504**	**Param Intra 1 of 2**
Sulfate (mg/L)	**GWC-53**	**189.3**	**n/a**	**2/25/2025**	**190**	**Yes**	**23**	**158.9**	**15.05**	**0**	**None**	**No**	**0.001504**	**Param Intra 1 of 2**
TDS (mg/L)	GWA-21	125.4	n/a	2/25/2025	90	No	23	89.74	17.65	0	None	No	0.001504	Param Intra 1 of 2
TDS (mg/L)	GWA-22	106.3	n/a	2/25/2025	98	No	23	71.39	17.32	0	None	No	0.001504	Param Intra 1 of 2
TDS (mg/L)	GWA-45	371.6	n/a	2/26/2025	280	No	23	286.4	42.22	0	None	No	0.001504	Param Intra 1 of 2
TDS (mg/L)	GWA-46	88.63	n/a	2/26/2025	68	No	23	54.8	16.77	4.348	None	No	0.001504	Param Intra 1 of 2
TDS (mg/L)	GWA-47	122.3	n/a	2/26/2025	100	No	23	90.04	15.97	0	None	No	0.001504	Param Intra 1 of 2
TDS (mg/L)	GWA-48	121.8	n/a	2/26/2025	100	No	23	95.26	13.16	0	None	No	0.001504	Param Intra 1 of 2
TDS (mg/L)	GWA-49	130.8	n/a	2/26/2025	110	No	22	110.2	10.16	0	None	No	0.001504	Param Intra 1 of 2
TDS (mg/L)	GWC-29	144.1	n/a	2/26/2025	110	No	23	99.57	22.1	0	None	No	0.001504	Param Intra 1 of 2
TDS (mg/L)	GWC-50	109.1	n/a	2/26/2025	77	No	22	70.68	18.93	0	None	No	0.001504	Param Intra 1 of 2
TDS (mg/L)	GWC-51	104.2	n/a	2/26/2025	88	No	22	78.59	12.6	0	None	No	0.001504	Param Intra 1 of 2
TDS (mg/L)	GWC-52	224.7	n/a	2/26/2025	220	No	13	176.9	20.97	0	None	No	0.001504	Param Intra 1 of 2
TDS (mg/L)	GWC-53	330.7	n/a	2/25/2025	310	No	23	264.3	32.93	0	None	No	0.001504	Param Intra 1 of 2

Appendix III Interwell Prediction Limits - Two-Step - Significant Result

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 4/24/2025, 10:22 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Sulfate (mg/L)	**GWC-53**	**180**	**n/a**	**2/25/2025**	**190**	**Yes**	**168**	**n/a**	**n/a**	**36.9**	**n/a**	**n/a**	**0.00007019**	**NP Inter (normality) 1 of 2**

Appendix III Interwell Prediction Limits - Two-Step - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 4/24/2025, 10:21 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Calcium (mg/L)	GWC-52	45	n/a	2/26/2025	27	No	168	n/a	n/a	0	n/a	n/a	0.00007019	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-51	14	n/a	2/26/2025	8.7	No	167	n/a	n/a	0	n/a	n/a	0.00007098	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-52	14	n/a	2/26/2025	8.6	No	167	n/a	n/a	0	n/a	n/a	0.00007098	NP Inter (normality) 1 of 2
pH, Field (SU)	GWC-29	7.11	5.45	2/26/2025	6.54	No	278	n/a	n/a	0	n/a	n/a	0.0000984	NP Inter (normality) 1 of 2
pH, Field (SU)	GWC-51	7.11	5.45	2/26/2025	6.23	No	278	n/a	n/a	0	n/a	n/a	0.0000984	NP Inter (normality) 1 of 2
pH, Field (SU)	GWC-52	7.11	5.45	2/26/2025	7.03	No	278	n/a	n/a	0	n/a	n/a	0.0000984	NP Inter (normality) 1 of 2
Sulfate (mg/L)	GWC-51	180	n/a	2/26/2025	4.1	No	168	n/a	n/a	36.9	n/a	n/a	0.00007019	NP Inter (normality) 1 of 2
Sulfate (mg/L)	GWC-52	180	n/a	2/26/2025	94	No	168	n/a	n/a	36.9	n/a	n/a	0.00007019	NP Inter (normality) 1 of 2
Sulfate (mg/L)	**GWC-53**	**180**	**n/a**	**2/25/2025**	**190**	**Yes**	**168**	**n/a**	**n/a**	**36.9**	**n/a**	**n/a**	**0.00007019**	**NP Inter (normality) 1 of 2**

Appendix III Trend Tests - Significant Results

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 4/24/2025, 10:04 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Calcium (mg/L)	**GWA-21 (bg)**	**-0.2988**	**-109**	**-105**	**Yes**	**24**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**GWA-45 (bg)**	**-1.631**	**-117**	**-105**	**Yes**	**24**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**GWA-46 (bg)**	**0.1416**	**121**	**105**	**Yes**	**24**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**GWA-47 (bg)**	**0.3706**	**164**	**105**	**Yes**	**24**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**GWC-52**	**1.8**	**225**	**105**	**Yes**	**24**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**GWA-22 (bg)**	**-0.2045**	**-156**	**-105**	**Yes**	**24**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**GWA-45 (bg)**	**0.4508**	**157**	**105**	**Yes**	**24**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**GWA-46 (bg)**	**0.3387**	**225**	**105**	**Yes**	**24**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**GWC-51**	**0.2194**	**190**	**98**	**Yes**	**23**	**0**	**n/a**	**n/a**	**0.01**	**NP**
pH, Field (SU)	**GWA-46 (bg)**	**0.01451**	**2.802**	**2.58**	**Yes**	**41**	**0**	**n/a**	**n/a**	**0.01**	**NP**
pH, Field (SU)	**GWA-47 (bg)**	**0.01024**	**2.757**	**2.58**	**Yes**	**42**	**0**	**n/a**	**n/a**	**0.01**	**NP**
pH, Field (SU)	**GWA-49 (bg)**	**0.01325**	**224**	**214**	**Yes**	**39**	**0**	**n/a**	**n/a**	**0.01**	**NP**
pH, Field (SU)	**GWC-29**	**0.04544**	**395**	**206**	**Yes**	**38**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**GWC-51**	**0.2469**	**166**	**105**	**Yes**	**24**	**37.5**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**GWC-52**	**9.538**	**242**	**105**	**Yes**	**24**	**4.167**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**GWC-53**	**4.434**	**177**	**105**	**Yes**	**24**	**0**	**n/a**	**n/a**	**0.01**	**NP**

Appendix III Trend Tests - All Results

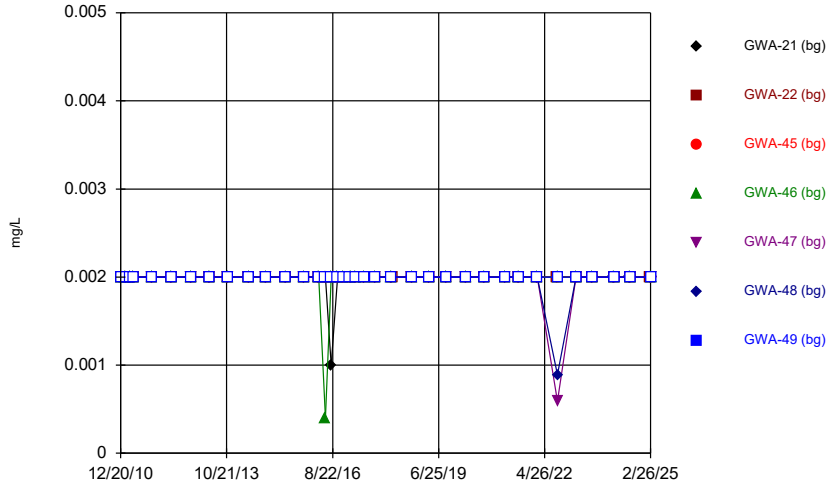
Plant Scherer Client: Southern Company Data: Scherer PAC Printed 4/24/2025, 10:04 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Calcium (mg/L)	**GWA-21 (bg)**	**-0.2988**	**-109**	**-105**	**Yes**	**24**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	GWA-22 (bg)	0.3442	96	105	No	24	0	n/a	n/a	0.01	NP
Calcium (mg/L)	**GWA-45 (bg)**	**-1.631**	**-117**	**-105**	**Yes**	**24**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**GWA-46 (bg)**	**0.1416**	**121**	**105**	**Yes**	**24**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**GWA-47 (bg)**	**0.3706**	**164**	**105**	**Yes**	**24**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	GWA-48 (bg)	0	9	105	No	24	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-49 (bg)	0	36	105	No	24	0	n/a	n/a	0.01	NP
Calcium (mg/L)	**GWC-52**	**1.8**	**225**	**105**	**Yes**	**24**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	GWA-21 (bg)	0.06937	74	105	No	24	0	n/a	n/a	0.01	NP
Chloride (mg/L)	**GWA-22 (bg)**	**-0.2045**	**-156**	**-105**	**Yes**	**24**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**GWA-45 (bg)**	**0.4508**	**157**	**105**	**Yes**	**24**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**GWA-46 (bg)**	**0.3387**	**225**	**105**	**Yes**	**24**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	GWA-47 (bg)	0.02114	71	105	No	24	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-48 (bg)	0	15	98	No	23	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-49 (bg)	0	-49	-105	No	24	0	n/a	n/a	0.01	NP
Chloride (mg/L)	**GWC-51**	**0.2194**	**190**	**98**	**Yes**	**23**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	GWC-52	0	-1	-98	No	23	0	n/a	n/a	0.01	NP
pH, Field (SU)	GWA-21 (bg)	0.009152	127	206	No	38	0	n/a	n/a	0.01	NP
pH, Field (SU)	GWA-22 (bg)	0.009991	101	199	No	37	0	n/a	n/a	0.01	NP
pH, Field (SU)	GWA-45 (bg)	-0.00963	-126	-223	No	40	0	n/a	n/a	0.01	NP
pH, Field (SU)	**GWA-46 (bg)**	**0.01451**	**2.802**	**2.58**	**Yes**	**41**	**0**	**n/a**	**n/a**	**0.01**	**NP**
pH, Field (SU)	**GWA-47 (bg)**	**0.01024**	**2.757**	**2.58**	**Yes**	**42**	**0**	**n/a**	**n/a**	**0.01**	**NP**
pH, Field (SU)	GWA-48 (bg)	0.004852	1.148	2.58	No	41	0	n/a	n/a	0.01	NP
pH, Field (SU)	**GWA-49 (bg)**	**0.01325**	**224**	**214**	**Yes**	**39**	**0**	**n/a**	**n/a**	**0.01**	**NP**
pH, Field (SU)	**GWC-29**	**0.04544**	**395**	**206**	**Yes**	**38**	**0**	**n/a**	**n/a**	**0.01**	**NP**
pH, Field (SU)	GWC-51	0.01022	216	223	No	40	0	n/a	n/a	0.01	NP
pH, Field (SU)	GWC-52	0.0067	119	223	No	40	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-21 (bg)	0.1029	105	105	No	24	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-22 (bg)	0	24	105	No	24	83.33	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-45 (bg)	2.9	92	105	No	24	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-46 (bg)	0	27	105	No	24	54.17	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-47 (bg)	0	46	105	No	24	66.67	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-48 (bg)	0	2	105	No	24	4.167	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-49 (bg)	0	-35	-105	No	24	50	n/a	n/a	0.01	NP
Sulfate (mg/L)	**GWC-51**	**0.2469**	**166**	**105**	**Yes**	**24**	**37.5**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**GWC-52**	**9.538**	**242**	**105**	**Yes**	**24**	**4.167**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**GWC-53**	**4.434**	**177**	**105**	**Yes**	**24**	**0**	**n/a**	**n/a**	**0.01**	**NP**

FIGURE A.

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Hollow symbols indicate censored values.

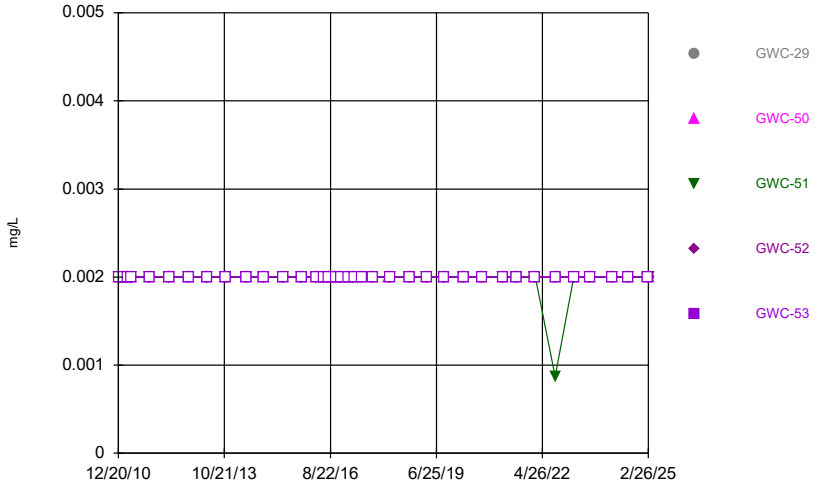
Time Series



Constituent: Antimony Analysis Run 6/10/2025 11:20 AM
Plant Scherer Client: Southern Company Data: Scherer PAC

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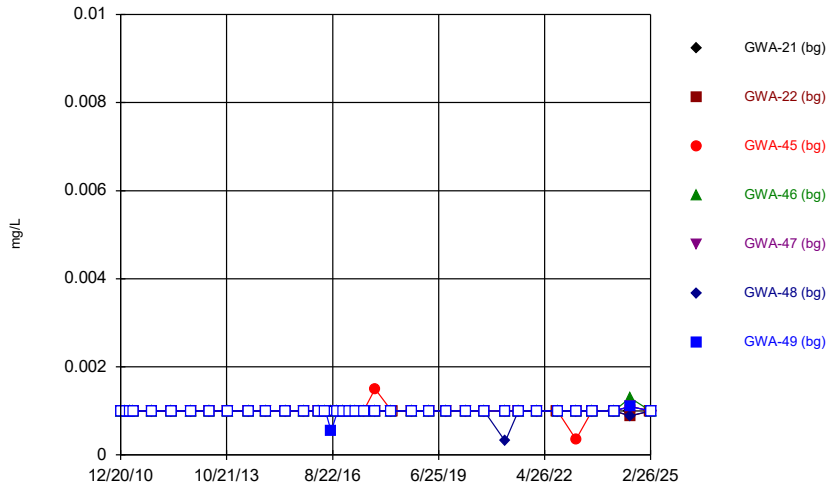
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Plant Scherer Client: Southern Company Data: Scherer PAC

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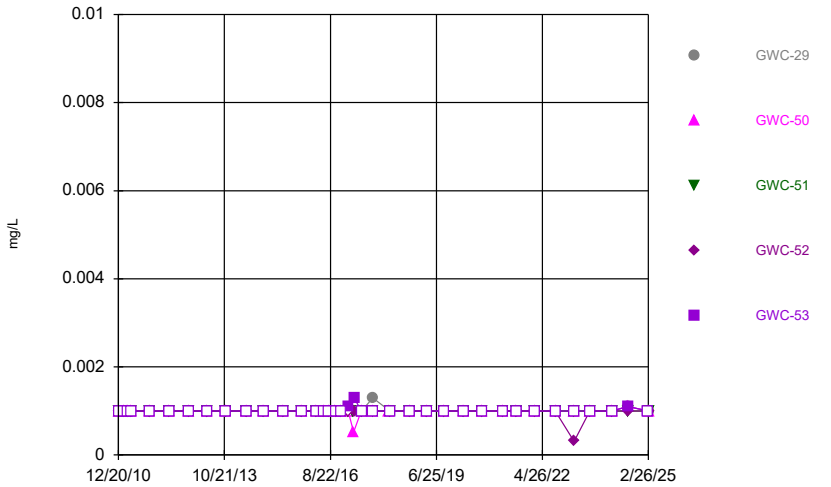
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Plant Scherer Client: Southern Company Data: Scherer PAC

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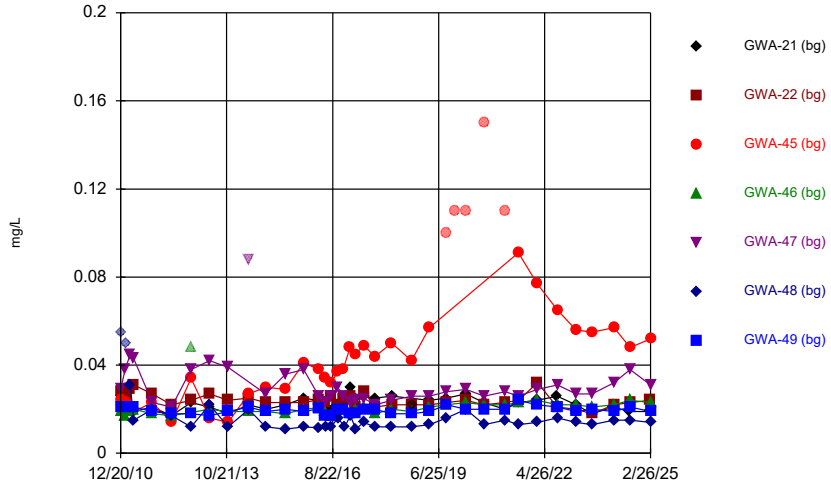
Time Series



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Plant Scherer Client: Southern Company Data: Scherer PAC

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Time Series

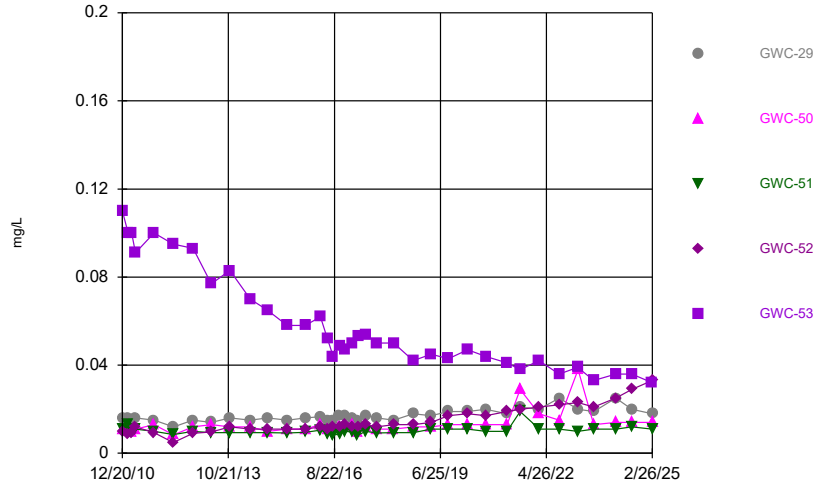


Constituent: Barium Analysis Run 6/10/2025 11:21 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Time Series

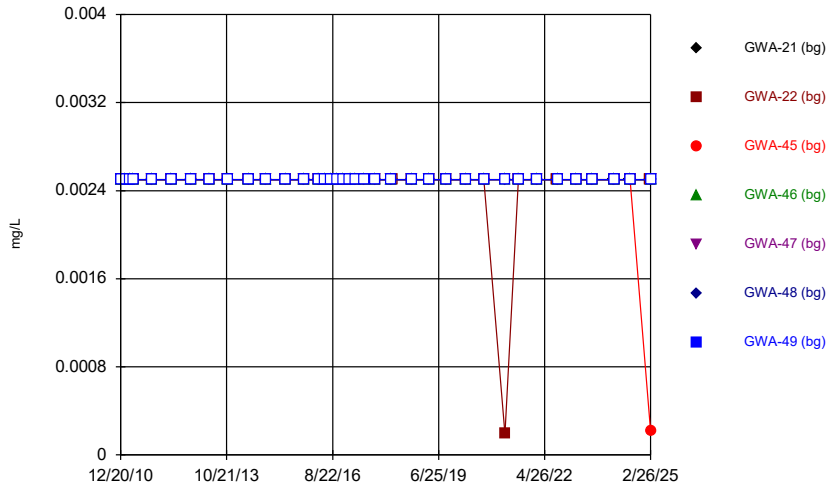


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Plant Scherer Client: Southern Company Data: Scherer PAC

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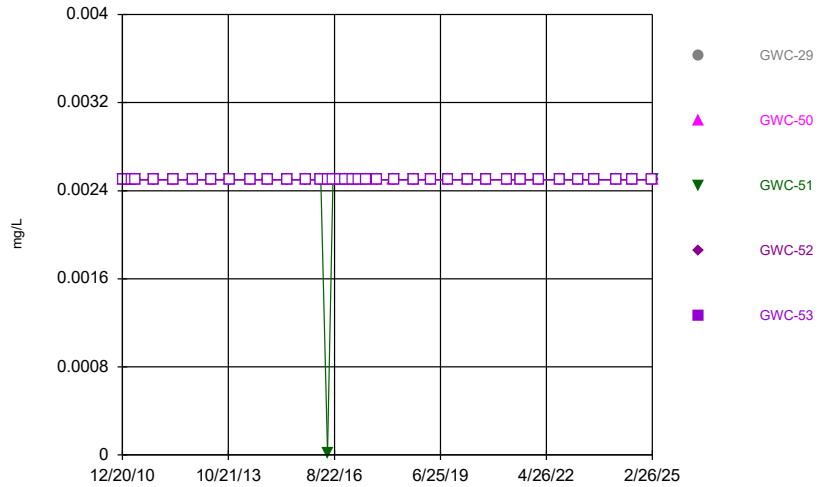


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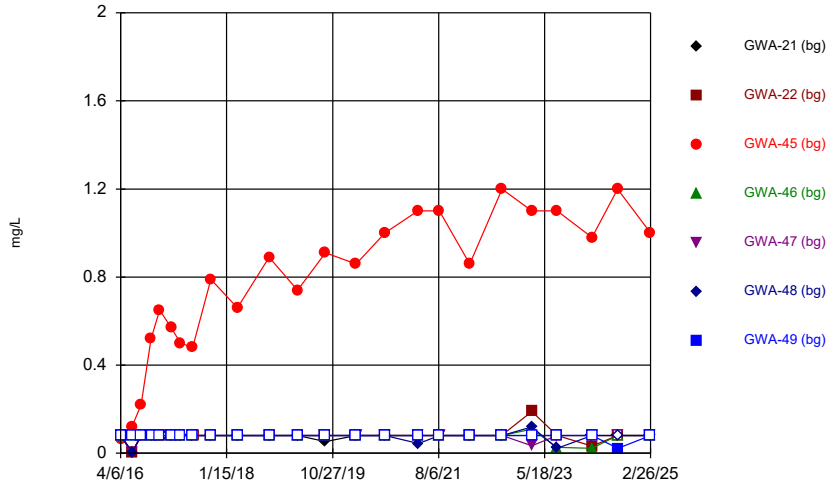


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Plant Scherer Client: Southern Company Data: Scherer PAC

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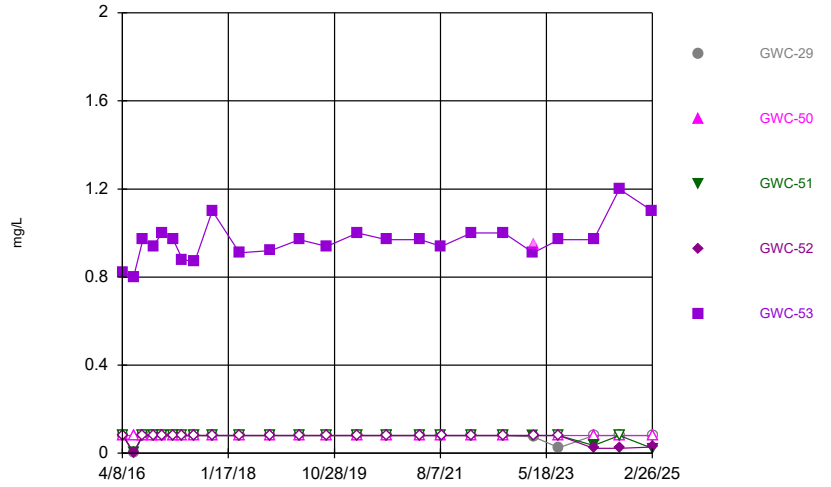
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Plant Scherer Client: Southern Company Data: Scherer PAC

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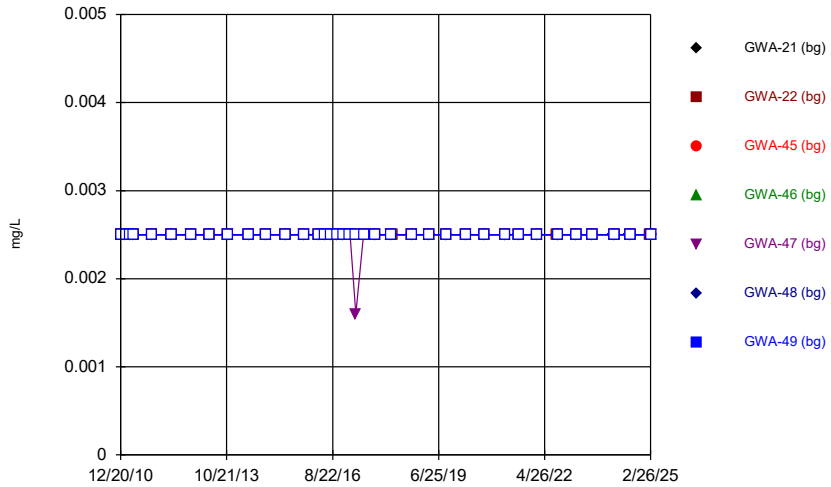
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Plant Scherer Client: Southern Company Data: Scherer PAC

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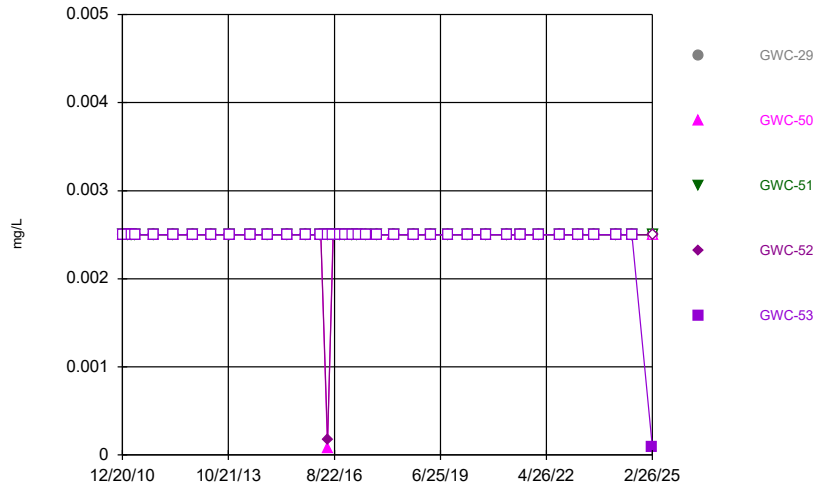
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Constituent: Cadmium Analysis Run 6/10/2025 11:21 AM
Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.

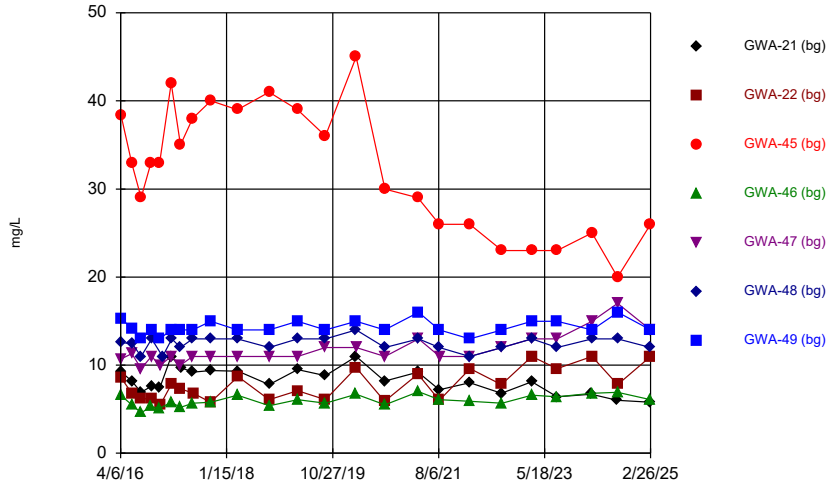
Time Series



Constituent: Cadmium Analysis Run 6/10/2025 11:21 AM
Plant Scherer Client: Southern Company Data: Scherer PAC

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Time Series

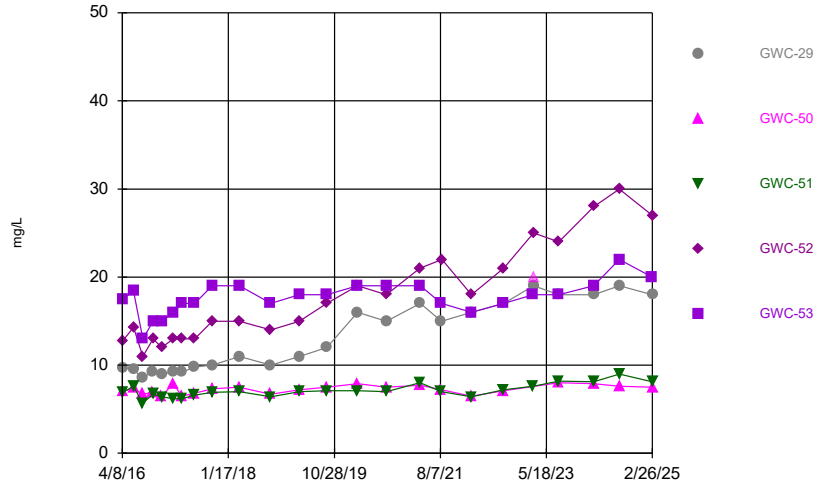


Constituent: Calcium Analysis Run 6/10/2025 11:21 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Time Series

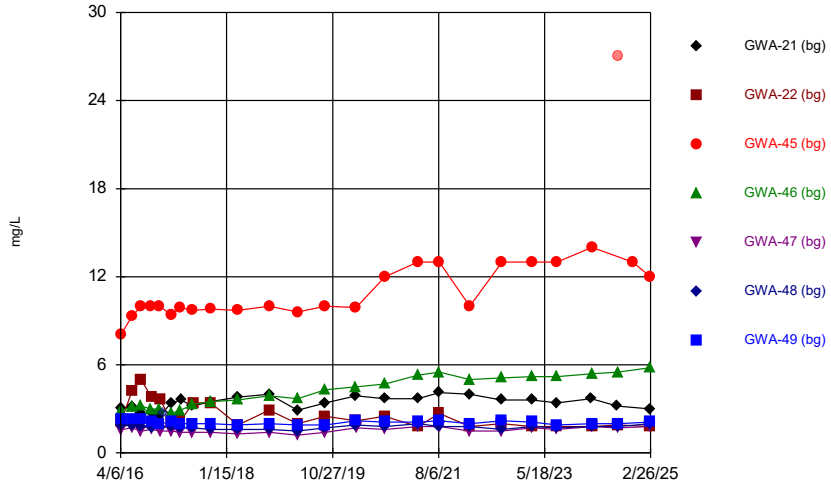


Constituent: Calcium Analysis Run 6/10/2025 11:21 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Time Series

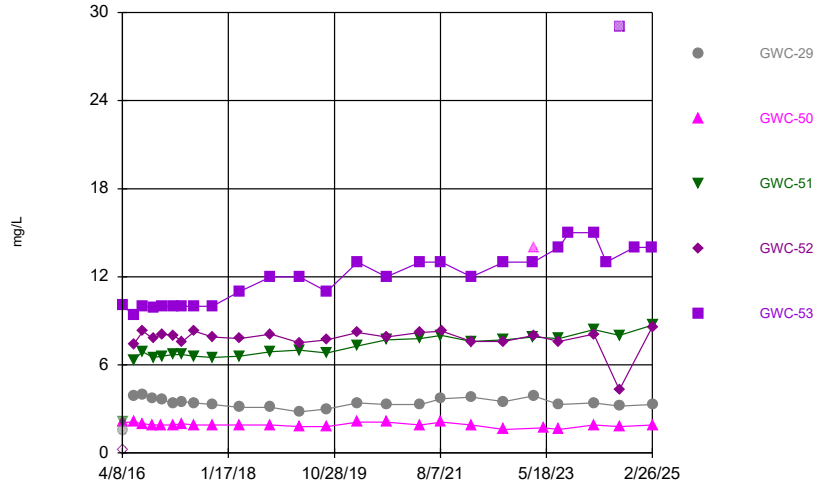


Constituent: Chloride Analysis Run 6/10/2025 11:21 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Time Series

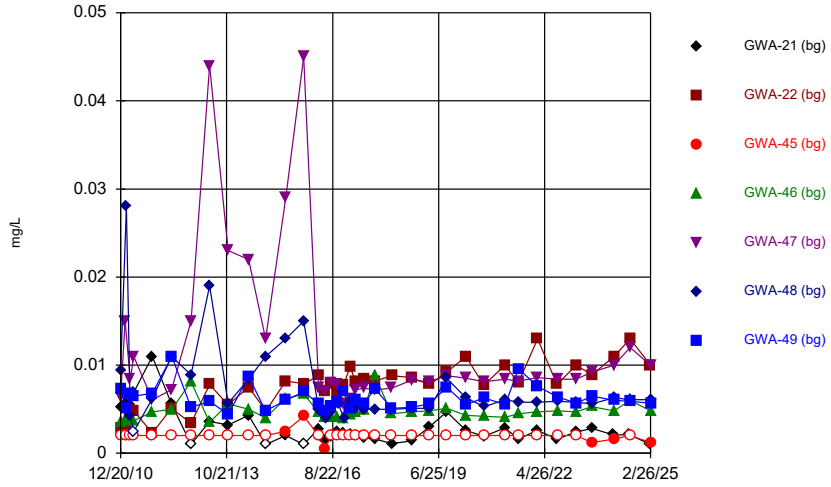


Constituent: Chloride Analysis Run 6/10/2025 11:21 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
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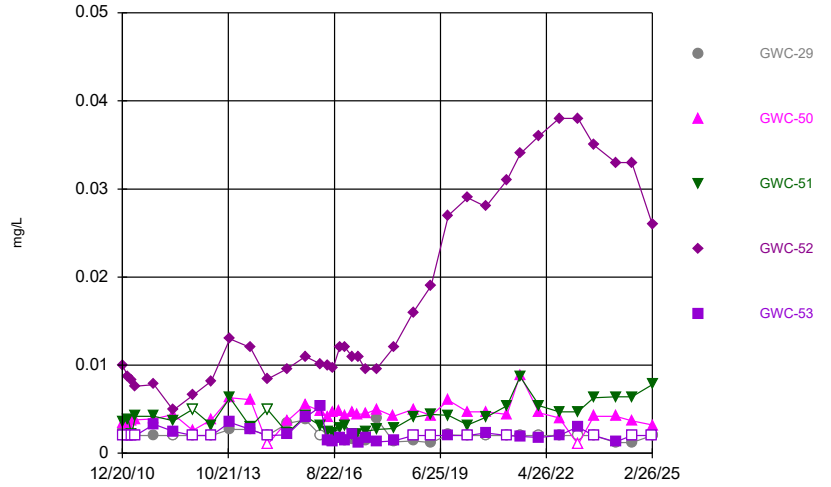
Time Series



Constituent: Chromium Analysis Run 6/10/2025 11:21 AM
Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.

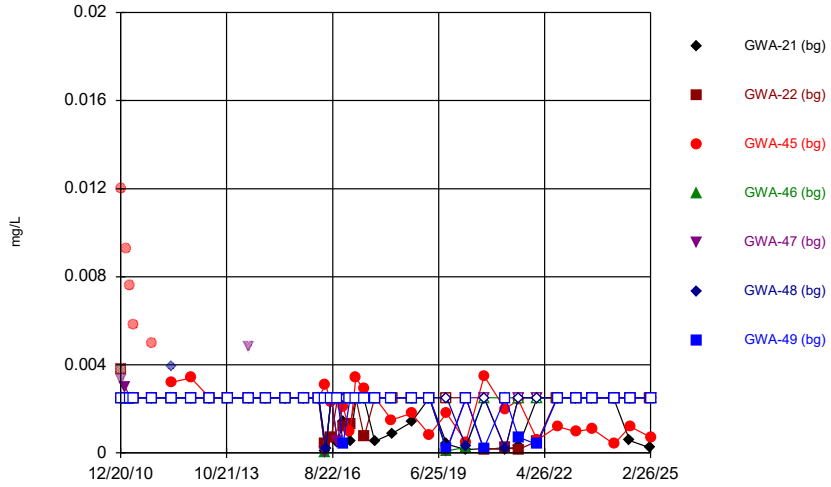
Time Series



Constituent: Chromium Analysis Run 6/10/2025 11:21 AM
Plant Scherer Client: Southern Company Data: Scherer PAC

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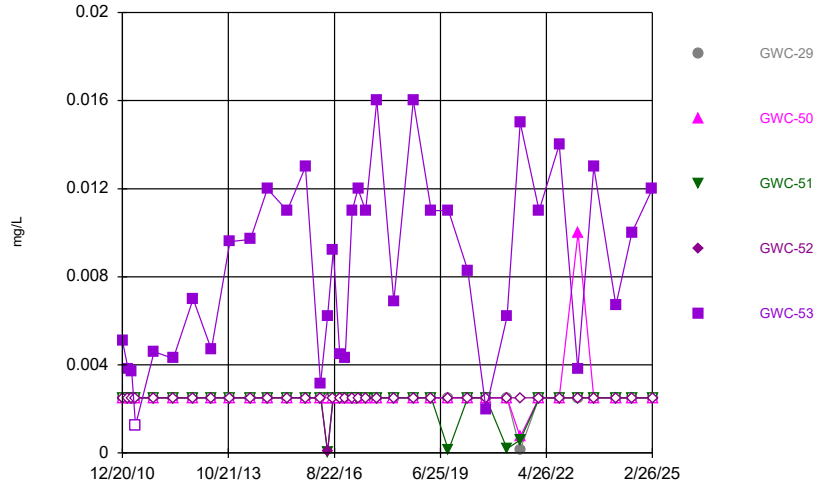
Time Series



Constituent: Cobalt Analysis Run 6/10/2025 11:21 AM
Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.

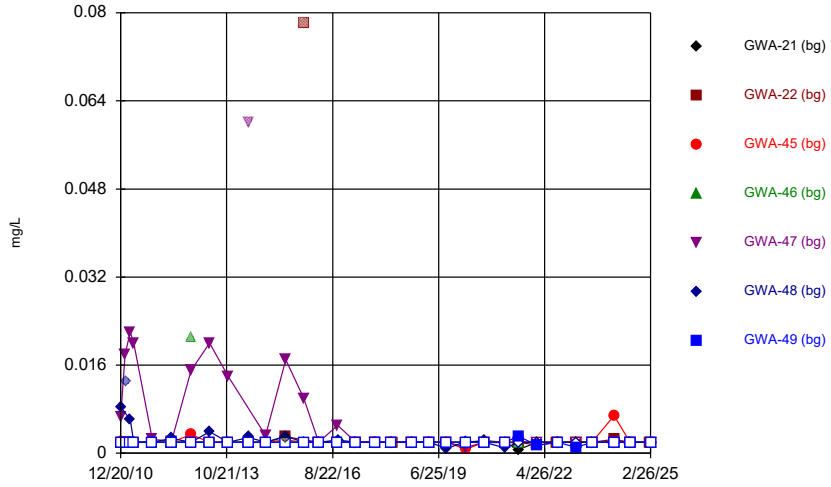
Time Series



Constituent: Cobalt Analysis Run 6/10/2025 11:21 AM
Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.

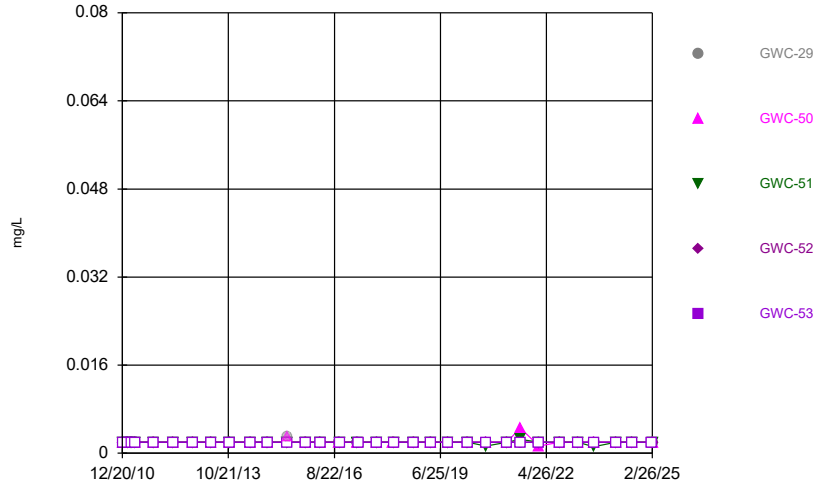
Time Series



Constituent: Copper Analysis Run 6/10/2025 11:21 AM
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

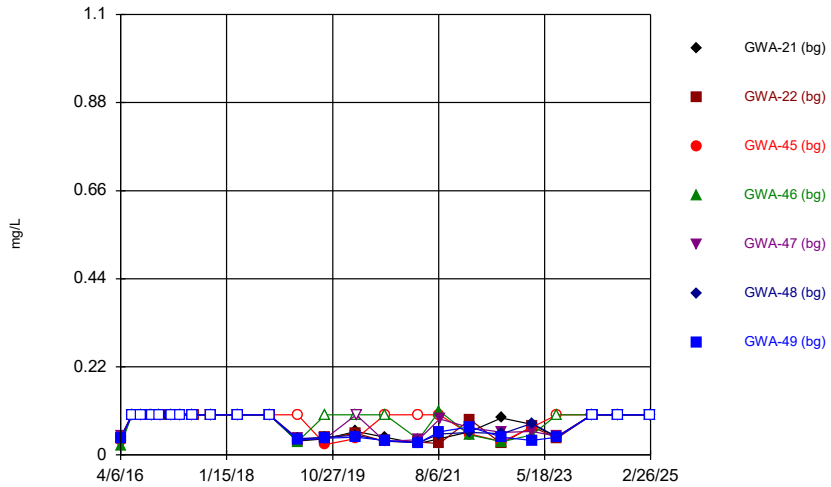
Time Series



Constituent: Copper Analysis Run 6/10/2025 11:21 AM
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

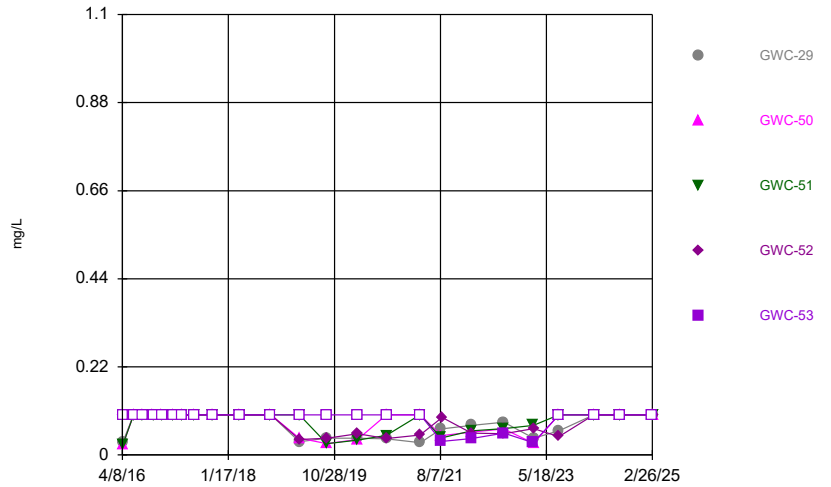
Time Series



Constituent: Fluoride Analysis Run 6/10/2025 11:21 AM
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

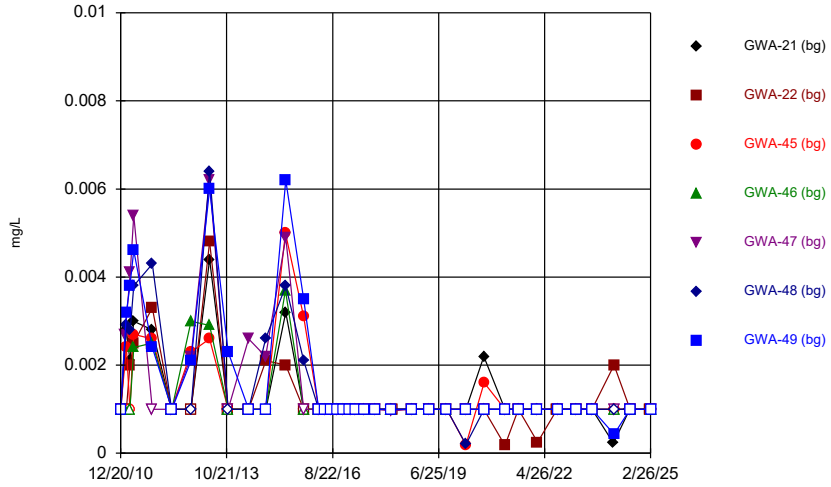
Time Series



Constituent: Fluoride Analysis Run 6/10/2025 11:21 AM
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

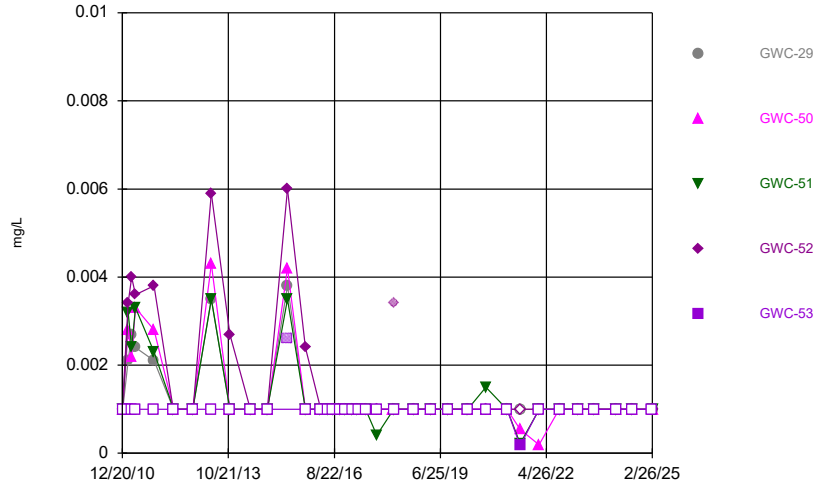
Time Series



Constituent: Lead Analysis Run 6/10/2025 11:21 AM
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

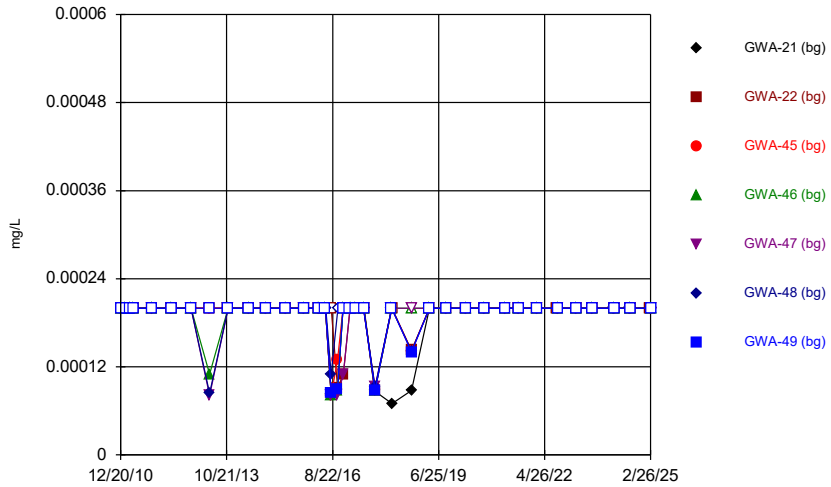
Time Series



Constituent: Lead Analysis Run 6/10/2025 11:21 AM
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

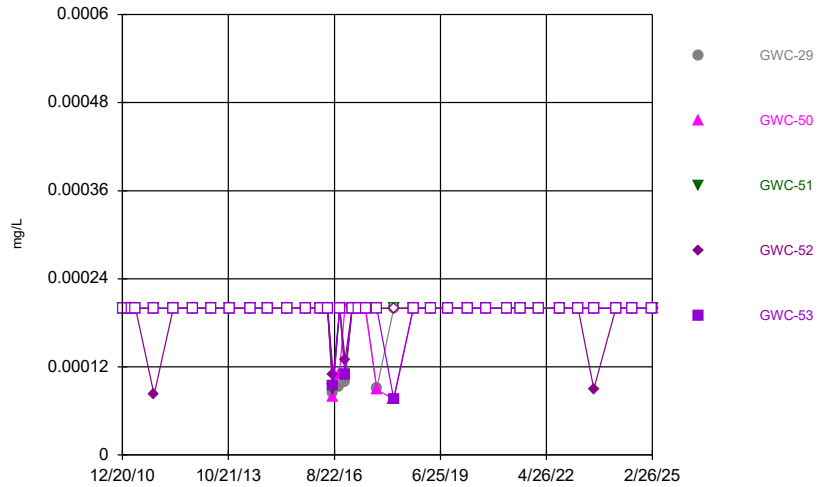
Time Series



Constituent: Mercury Analysis Run 6/10/2025 11:21 AM
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

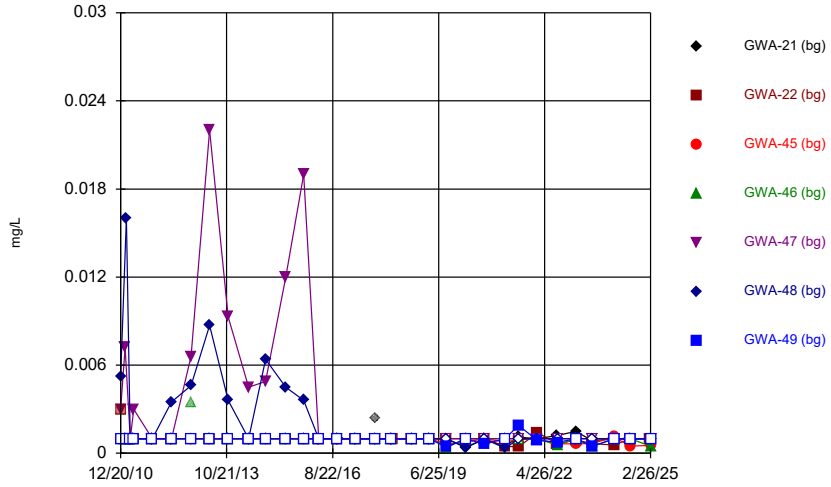
Time Series



Constituent: Mercury Analysis Run 6/10/2025 11:21 AM
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

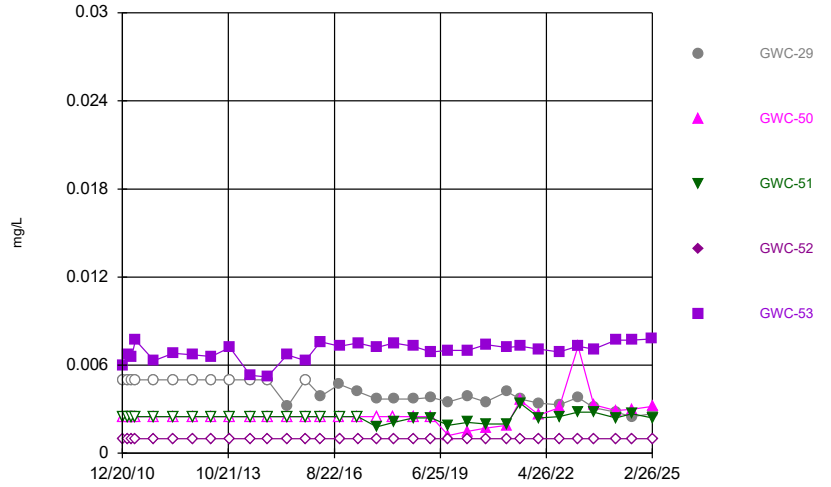
Time Series



Constituent: Nickel Analysis Run 6/10/2025 11:21 AM
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

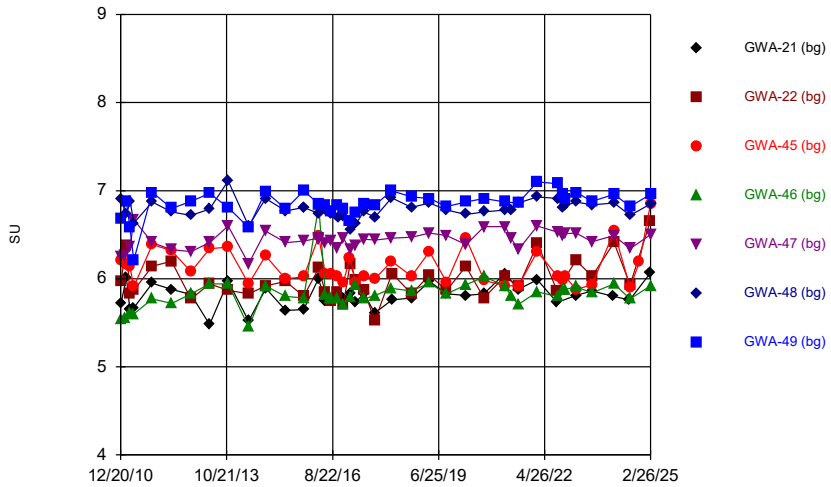
Time Series



Constituent: Nickel Analysis Run 6/10/2025 11:21 AM
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

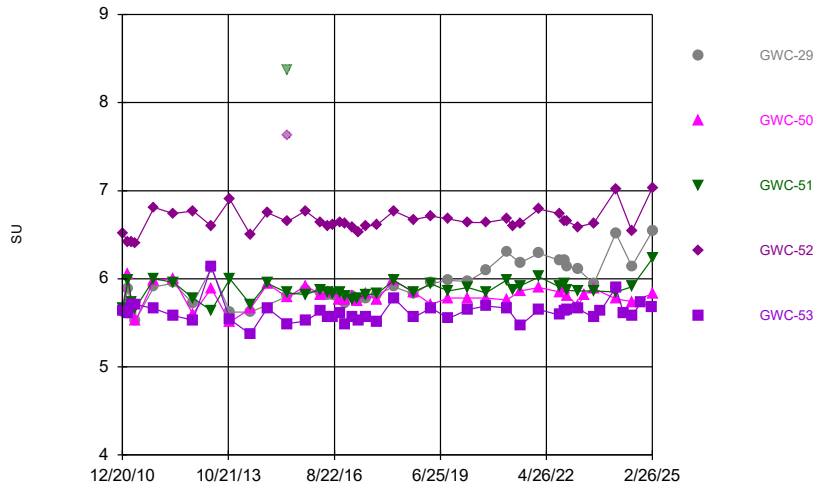
Time Series



Constituent: pH, Field Analysis Run 6/10/2025 11:21 AM
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

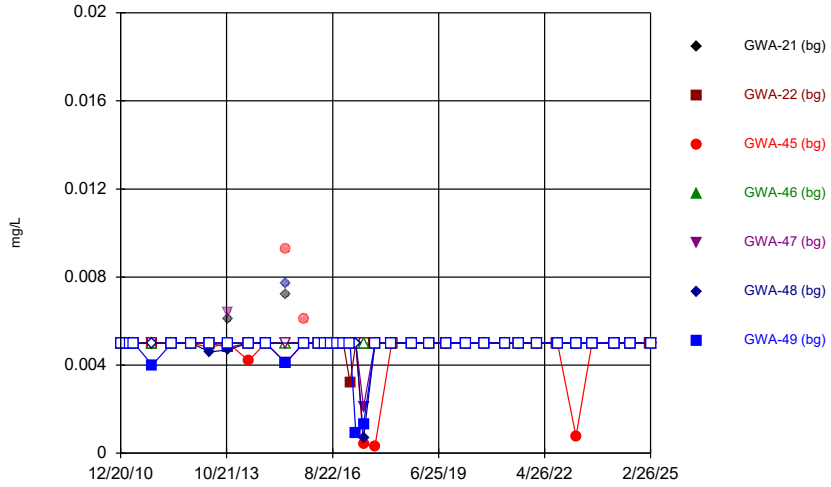
Time Series



Constituent: pH, Field Analysis Run 6/10/2025 11:21 AM
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

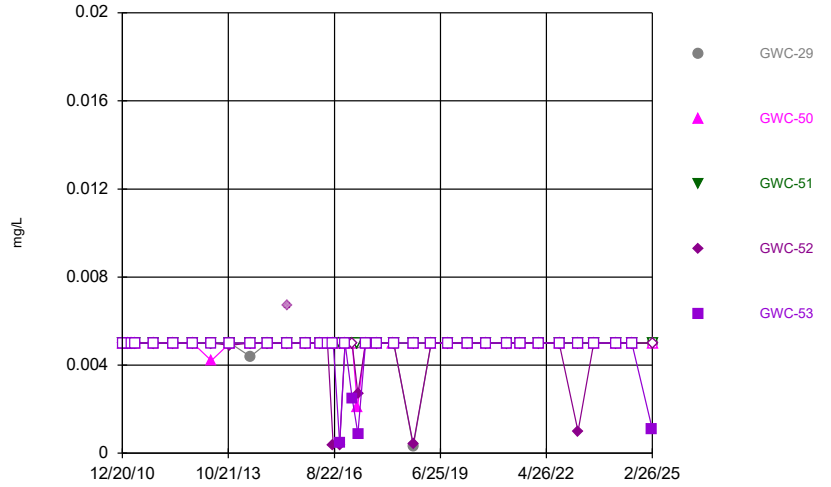
Time Series



Constituent: Selenium Analysis Run 6/10/2025 11:21 AM
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

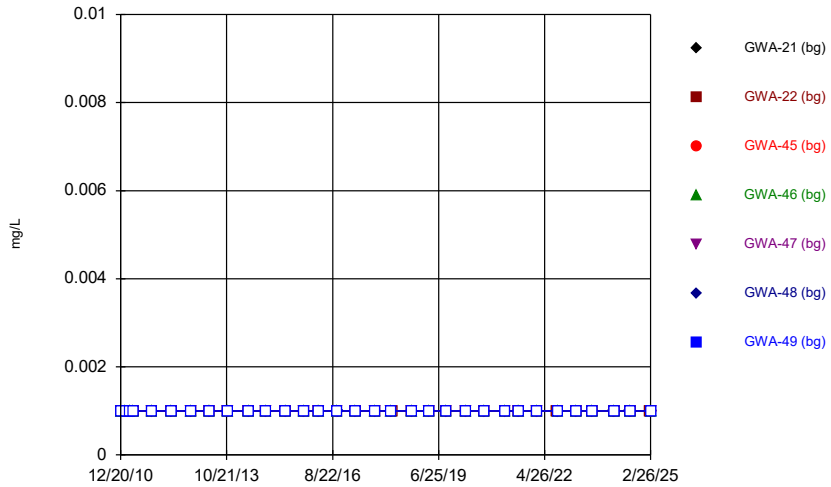
Time Series



Constituent: Selenium Analysis Run 6/10/2025 11:21 AM
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

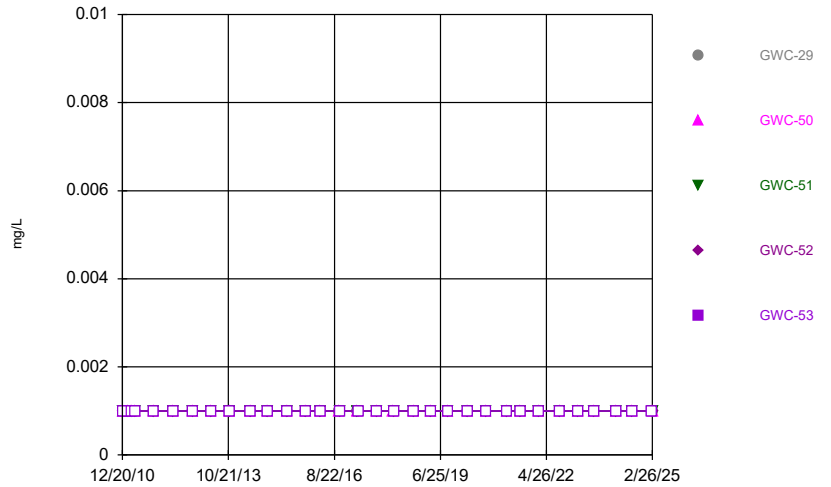
Time Series



Constituent: Silver Analysis Run 6/10/2025 11:21 AM
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

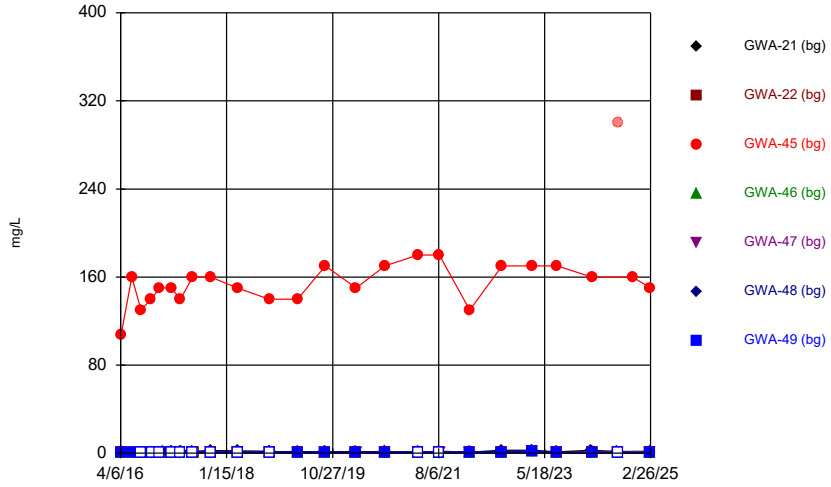
Time Series



Constituent: Silver Analysis Run 6/10/2025 11:21 AM
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

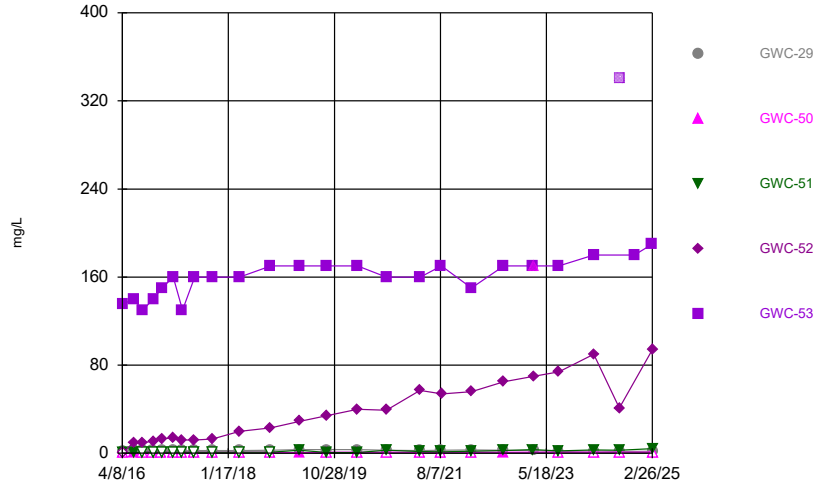
Time Series



Constituent: Sulfate Analysis Run 6/10/2025 11:21 AM
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

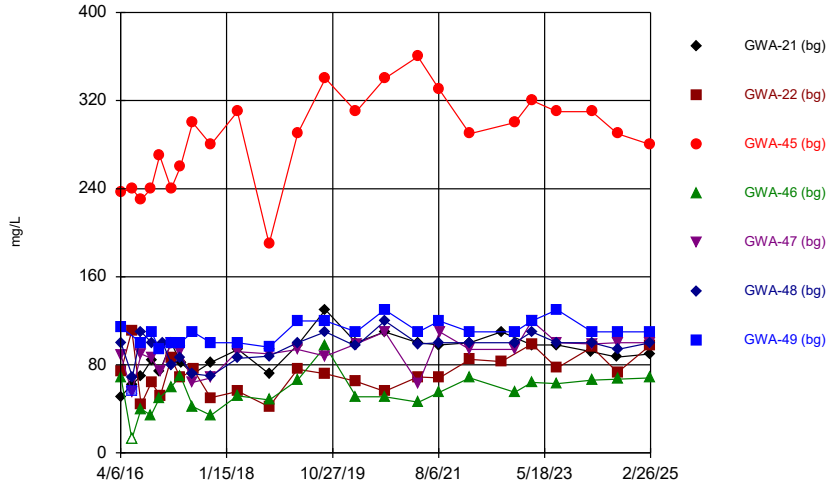
Time Series



Constituent: Sulfate Analysis Run 6/10/2025 11:21 AM
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

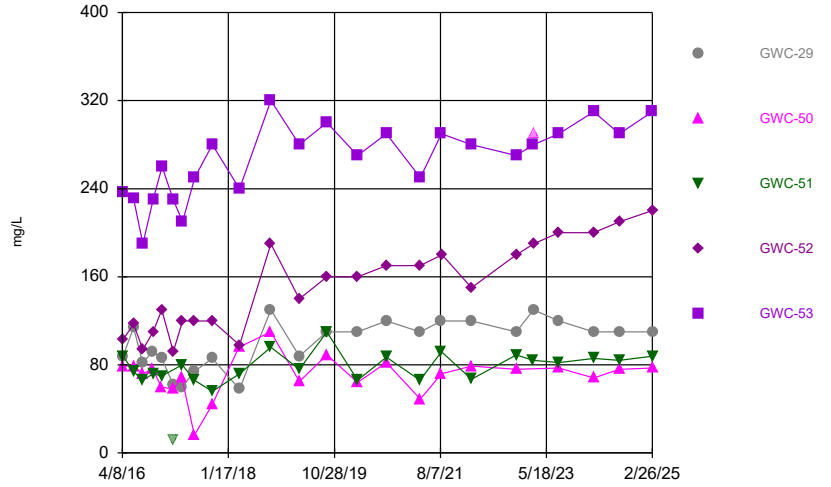
Time Series



Constituent: TDS Analysis Run 6/10/2025 11:21 AM
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

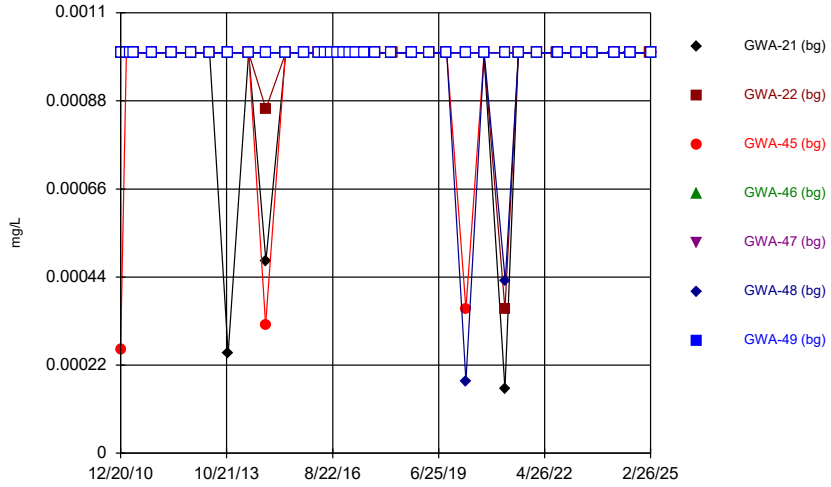
Time Series



Constituent: TDS Analysis Run 6/10/2025 11:21 AM
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

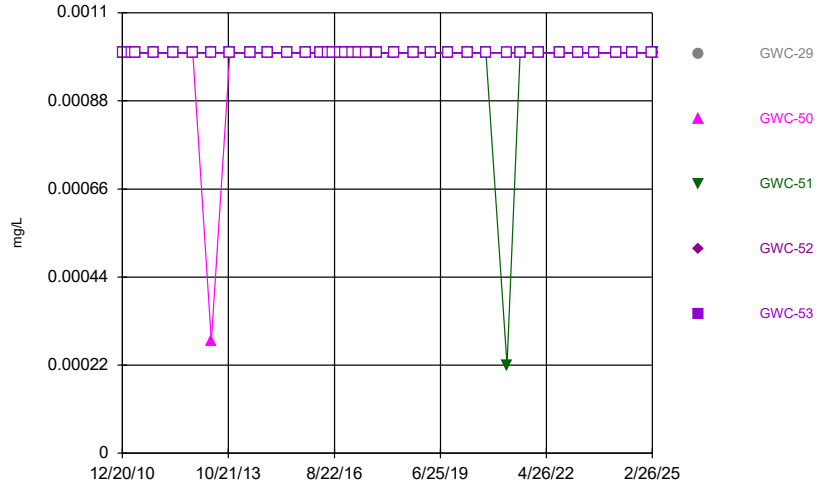
Time Series



Constituent: Thallium Analysis Run 6/10/2025 11:21 AM
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

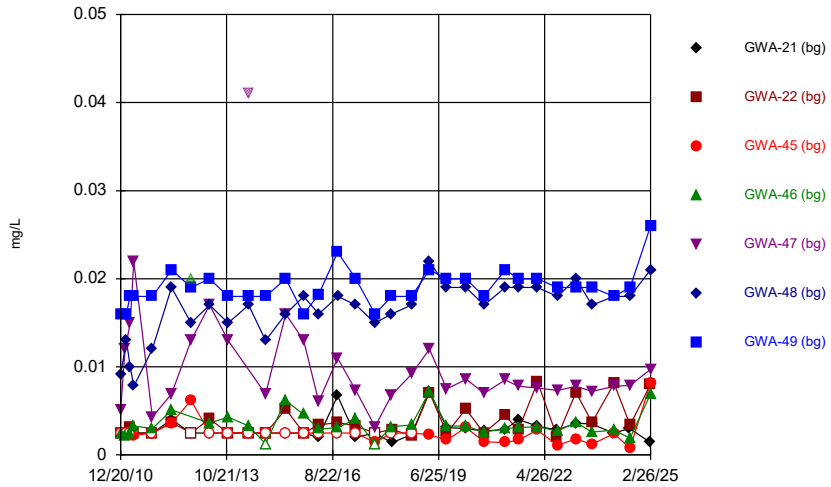
Time Series



Constituent: Thallium Analysis Run 6/10/2025 11:21 AM
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

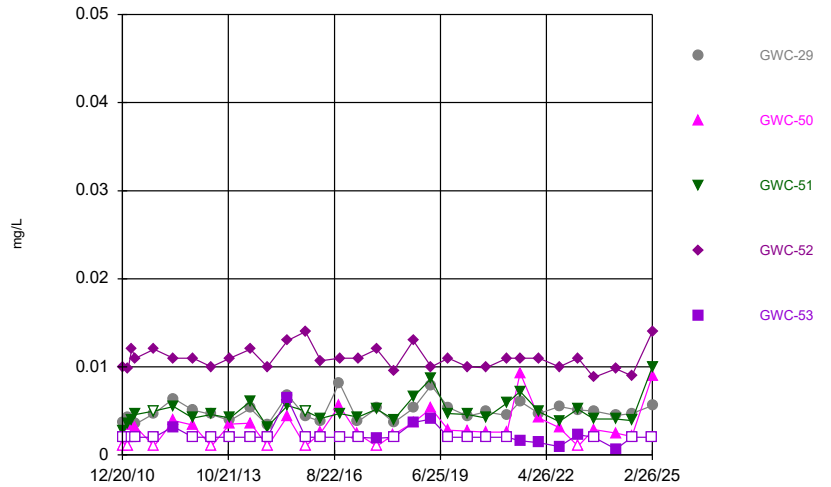
Time Series



Constituent: Vanadium Analysis Run 6/10/2025 11:21 AM
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

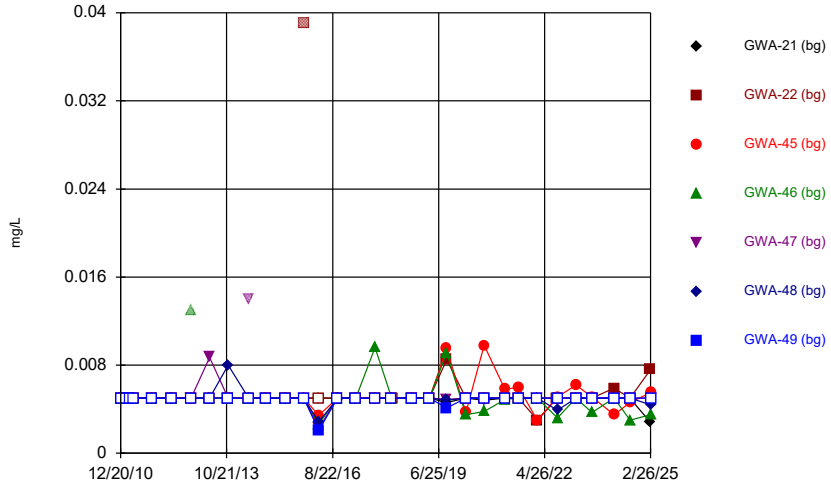
Time Series



Constituent: Vanadium Analysis Run 6/10/2025 11:21 AM
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Time Series

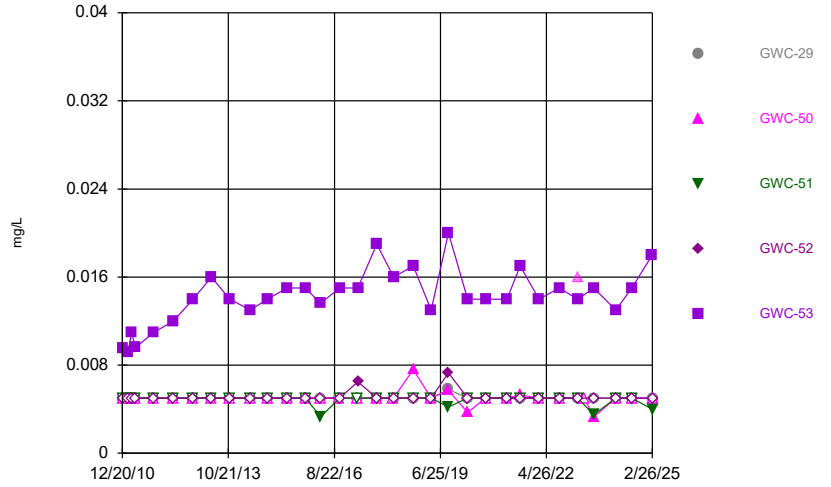


Constituent: Zinc Analysis Run 6/10/2025 11:21 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Time Series



Constituent: Zinc Analysis Run 6/10/2025 11:21 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Time Series

Constituent: Antimony (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
12/20/2010			<0.002	<0.002	<0.002		
12/21/2010						<0.002	<0.002
12/22/2010	<0.002	<0.002					
2/1/2011				<0.002	<0.002		
2/14/2011	<0.002	<0.002	<0.002			<0.002	<0.002
3/21/2011			<0.002	<0.002			<0.002
3/22/2011	<0.002	<0.002					
3/23/2011					<0.002	<0.002	
4/26/2011	<0.002	<0.002	<0.002	<0.002			<0.002
4/27/2011					<0.002	<0.002	
10/25/2011						<0.002	
10/26/2011			<0.002		<0.002		<0.002
10/27/2011	<0.002	<0.002		<0.002			
5/1/2012	<0.002	<0.002	<0.002		<0.002	<0.002	
5/2/2012				<0.002			<0.002
11/8/2012	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
5/7/2013	<0.002	<0.002		<0.002	<0.002	<0.002	
5/8/2013			<0.002				<0.002
11/4/2013	<0.002	<0.002	<0.002	<0.002			
11/5/2013					<0.002	<0.002	<0.002
5/23/2014					<0.002	<0.002	<0.002
5/24/2014	<0.002	<0.002	<0.002	<0.002			
11/7/2014			<0.002	<0.002	<0.002	<0.002	<0.002
11/8/2014	<0.002	<0.002					
5/20/2015			<0.002	<0.002			
5/21/2015	<0.002	<0.002			<0.002	<0.002	<0.002
11/12/2015					<0.002	<0.002	<0.002
11/13/2015	<0.002	<0.002	<0.002	<0.002			
4/6/2016	<0.002						
4/7/2016			<0.002	<0.002		<0.002	<0.002
4/8/2016		<0.002			<0.002		
6/14/2016	<0.002	<0.002	<0.002	0.0004 (J)	<0.002		<0.002
6/17/2016						<0.002	
8/9/2016		<0.002	<0.002	<0.002	<0.002		<0.002
8/10/2016	0.001 (J)					<0.002	
10/10/2016			<0.002	<0.002			
10/11/2016	<0.002	<0.002			<0.002		<0.002
10/14/2016						<0.002	
12/2/2016	<0.002		<0.002	<0.002			<0.002
12/5/2016		<0.002			<0.002		
12/19/2016						<0.002	
2/9/2017			<0.002				<0.002
2/10/2017	<0.002	<0.002		<0.002	<0.002		
2/13/2017						<0.002	
4/7/2017		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
4/10/2017	<0.002						
6/22/2017			<0.002		<0.002	<0.002	<0.002
6/23/2017	<0.002			<0.002			
6/26/2017		<0.002					
10/9/2017	<0.002	<0.002					
10/10/2017			<0.002	<0.002	<0.002	<0.002	<0.002
3/22/2018			<0.002		<0.002		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Antimony (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
3/23/2018				<0.002		<0.002	
3/26/2018	<0.002	<0.002					
10/3/2018	<0.002	<0.002	<0.002			<0.002	<0.002
10/4/2018				<0.002			
10/5/2018					<0.002		
3/27/2019	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
9/12/2019	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
3/19/2020	<0.002	<0.002	<0.002	<0.002		<0.002	<0.002
3/20/2020					<0.002		
9/10/2020	<0.002	<0.002					<0.002
9/11/2020			<0.002	<0.002	<0.002	<0.002	
4/2/2021	<0.002	<0.002	<0.002				
4/5/2021				<0.002	<0.002	<0.002	
4/6/2021							<0.002
8/12/2021	<0.002	<0.002	<0.002	<0.002		<0.002	<0.002
8/13/2021					<0.002		
2/14/2022	<0.002		<0.002	<0.002	<0.002	<0.002	<0.002
2/15/2022		<0.002					
8/26/2022	<0.002	<0.002					
8/30/2022							<0.002
8/31/2022			<0.002	<0.002	0.00059 (JB)	0.00089 (JB)	
2/28/2023	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	
3/1/2023							<0.002
8/2/2023	<0.002						
8/3/2023		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
2/29/2024	<0.002						
3/4/2024		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
8/6/2024	<0.002						
8/8/2024		<0.002	<0.002	<0.002	<0.002	<0.002	
8/9/2024							<0.002
2/25/2025	<0.002	<0.002					
2/26/2025			<0.002	<0.002	<0.002	<0.002	<0.002

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Antimony (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010					<0.002
12/21/2010				<0.002	
12/22/2010	<0.002	<0.002	<0.002		
2/14/2011					<0.002
2/15/2011	<0.002	<0.002	<0.002	<0.002	
3/21/2011				<0.002	<0.002
3/22/2011	<0.002	<0.002	<0.002		
4/27/2011	<0.002	<0.002	<0.002		<0.002
4/28/2011				<0.002	
10/26/2011	<0.002	<0.002	<0.002	<0.002	<0.002
5/1/2012				<0.002	<0.002
5/2/2012	<0.002	<0.002	<0.002		
11/8/2012	<0.002	<0.002	<0.002		
11/9/2012				<0.002	<0.002
5/8/2013	<0.002	<0.002	<0.002	<0.002	<0.002
11/4/2013	<0.002	<0.002	<0.002	<0.002	<0.002
5/24/2014	<0.002	<0.002	<0.002	<0.002	<0.002
11/7/2014	<0.002		<0.002	<0.002	<0.002
11/8/2014		<0.002			
5/20/2015					<0.002
5/22/2015	<0.002	<0.002	<0.002	<0.002	
11/13/2015	<0.002	<0.002	<0.002	<0.002	<0.002
4/8/2016					<0.002
4/11/2016	<0.002	<0.002	<0.002	<0.002	
6/15/2016	<0.002	<0.002			
6/16/2016			<0.002	<0.002	<0.002
8/10/2016	<0.002	<0.002	<0.002		
8/11/2016				<0.002	<0.002
10/11/2016	<0.002	<0.002			
10/13/2016			<0.002	<0.002	<0.002
12/2/2016		<0.002			
12/5/2016	<0.002		<0.002	<0.002	
12/6/2016					<0.002
2/13/2017	<0.002	<0.002	<0.002	<0.002	<0.002
4/7/2017		<0.002			
4/10/2017	<0.002		<0.002		
4/11/2017				<0.002	<0.002
6/22/2017		<0.002			
6/23/2017	<0.002		<0.002		
6/24/2017				<0.002	<0.002
10/10/2017	<0.002	<0.002			
10/11/2017			<0.002	<0.002	<0.002
3/23/2018		<0.002			
3/26/2018	<0.002		<0.002	<0.002	<0.002
10/4/2018	<0.002	<0.002	<0.002	<0.002	<0.002
3/27/2019			<0.002		
3/28/2019	<0.002	<0.002		<0.002	<0.002
9/12/2019	<0.002	<0.002	<0.002	<0.002	<0.002
3/19/2020	<0.002	<0.002	<0.002	<0.002	<0.002
9/10/2020	<0.002	<0.002			
9/11/2020			<0.002	<0.002	<0.002
4/5/2021			<0.002	<0.002	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Antimony (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
4/6/2021	<0.002	<0.002			<0.002
8/13/2021	<0.002	<0.002	<0.002		<0.002
8/17/2021				<0.002	
2/14/2022	<0.002	<0.002		<0.002	<0.002
2/15/2022			<0.002		
8/31/2022	<0.002	<0.002	0.00087 (JB)	<0.002	<0.002
2/28/2023			<0.002		<0.002
3/1/2023	<0.002	<0.002		<0.002	
8/3/2023	<0.002	<0.002	<0.002	<0.002	<0.002
3/4/2024	<0.002	<0.002	<0.002	<0.002	<0.002
8/8/2024	<0.002	<0.002	<0.002	<0.002	<0.002
2/25/2025					<0.002
2/26/2025	<0.002	<0.002	<0.002	<0.002	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
12/20/2010			<0.001	<0.001	<0.001		
12/21/2010						<0.001	<0.001
12/22/2010	<0.001	<0.001					
2/1/2011				<0.001	<0.001		
2/14/2011	<0.001	<0.001	<0.001			<0.001	<0.001
3/21/2011			<0.001	<0.001			<0.001
3/22/2011	<0.001	<0.001					
3/23/2011					<0.001	<0.001	
4/26/2011	<0.001	<0.001	<0.001	<0.001			<0.001
4/27/2011					<0.001	<0.001	
10/25/2011						<0.001	
10/26/2011			<0.001		<0.001		<0.001
10/27/2011	<0.001	<0.001		<0.001			
5/1/2012	<0.001	<0.001	<0.001		<0.001	<0.001	
5/2/2012				<0.001			<0.001
11/8/2012	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
5/7/2013	<0.001	<0.001		<0.001	<0.001	<0.001	
5/8/2013			<0.001				<0.001
11/4/2013	<0.001	<0.001	<0.001	<0.001			
11/5/2013					<0.001	<0.001	<0.001
5/23/2014					<0.001	<0.001	<0.001
5/24/2014	<0.001	<0.001	<0.001	<0.001			
11/7/2014			<0.001	<0.001	<0.001	<0.001	<0.001
11/8/2014	<0.001	<0.001					
5/20/2015			<0.001	<0.001			
5/21/2015	<0.001	<0.001			<0.001	<0.001	<0.001
11/12/2015					<0.001	<0.001	<0.001
11/13/2015	<0.001	<0.001	<0.001	<0.001			
4/6/2016	<0.001						
4/7/2016			<0.001	<0.001		<0.001	<0.001
4/8/2016		<0.001			<0.001		
6/14/2016	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001
6/17/2016						<0.001	
8/9/2016		<0.001	<0.001	<0.001	<0.001		0.00053 (J)
8/10/2016	<0.001					<0.001	
10/10/2016			<0.001	<0.001			
10/11/2016	<0.001	<0.001			<0.001		<0.001
10/14/2016						<0.001	
12/2/2016	<0.001		<0.001	<0.001			<0.001
12/5/2016		<0.001			<0.001		
12/19/2016						<0.001	
2/9/2017			<0.001				<0.001
2/10/2017	<0.001	<0.001		<0.001	<0.001		
2/13/2017						<0.001	
4/7/2017		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
4/10/2017	<0.001						
6/22/2017			<0.001		<0.001	<0.001	<0.001
6/23/2017	<0.001			<0.001			
6/26/2017		<0.001					
10/9/2017	<0.001	<0.001					
10/10/2017			0.0015	<0.001	<0.001	<0.001	<0.001
3/22/2018			<0.001		<0.001		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
3/23/2018				<0.001		<0.001	
3/26/2018	<0.001	<0.001					
10/3/2018	<0.001	<0.001	<0.001			<0.001	<0.001
10/4/2018				<0.001			
10/5/2018					<0.001		
3/27/2019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
9/12/2019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
3/19/2020	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001
3/20/2020					<0.001		
9/10/2020	<0.001	<0.001					<0.001
9/11/2020			<0.001	<0.001	<0.001	<0.001	
4/2/2021	<0.001	<0.001	<0.001				
4/5/2021				<0.001	<0.001	0.00031 (J)	
4/6/2021							<0.001
8/12/2021	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001
8/13/2021					<0.001		
2/14/2022	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001
2/15/2022		<0.001					
8/26/2022	<0.001	<0.001					
8/30/2022							<0.001
8/31/2022			<0.001	<0.001	<0.001	<0.001	
2/28/2023	<0.001	<0.001	0.00035 (J)	<0.001	<0.001	<0.001	
3/1/2023							<0.001
8/2/2023	<0.001						
8/3/2023		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2/29/2024	<0.001						
3/4/2024		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
8/6/2024	<0.001						
8/8/2024		0.00088 (J)	0.0011	0.0013	0.0011	0.00089 (J)	
8/9/2024							0.0011
2/25/2025	<0.001	<0.001					
2/26/2025			<0.001	<0.001	<0.001	<0.001	<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010					<0.001
12/21/2010				<0.001	
12/22/2010	<0.001	<0.001	<0.001		
2/14/2011					<0.001
2/15/2011	<0.001	<0.001	<0.001	<0.001	
3/21/2011				<0.001	<0.001
3/22/2011	<0.001	<0.001	<0.001		
4/27/2011	<0.001	<0.001	<0.001		<0.001
4/28/2011				<0.001	
10/26/2011	<0.001	<0.001	<0.001	<0.001	<0.001
5/1/2012				<0.001	<0.001
5/2/2012	<0.001	<0.001	<0.001		
11/8/2012	<0.001	<0.001	<0.001		
11/9/2012				<0.001	<0.001
5/8/2013	<0.001	<0.001	<0.001	<0.001	<0.001
11/4/2013	<0.001	<0.001	<0.001	<0.001	<0.001
5/24/2014	<0.001	<0.001	<0.001	<0.001	<0.001
11/7/2014	<0.001		<0.001	<0.001	<0.001
11/8/2014		<0.001			
5/20/2015					<0.001
5/22/2015	<0.001	<0.001	<0.001	<0.001	
11/13/2015	<0.001	<0.001	<0.001	<0.001	<0.001
4/8/2016					<0.001
4/11/2016	<0.001	<0.001	<0.001	<0.001	
6/15/2016	<0.001	<0.001			
6/16/2016			<0.001	<0.001	<0.001
8/10/2016	<0.001	<0.001	<0.001		
8/11/2016				<0.001	<0.001
10/11/2016	<0.001	<0.001			
10/13/2016			<0.001	<0.001	<0.001
12/2/2016		<0.001			
12/5/2016	<0.001		<0.001	<0.001	
12/6/2016					<0.001
2/13/2017	<0.001	<0.001	<0.001	<0.001	0.0011 (J)
4/7/2017		0.00052 (J)			
4/10/2017	<0.001		<0.001		
4/11/2017				0.001 (J)	0.0013
6/22/2017		<0.001			
6/23/2017	<0.001		<0.001		
6/24/2017				<0.001	<0.001
10/10/2017	0.0013	<0.001			
10/11/2017			<0.001	<0.001	<0.001
3/23/2018		<0.001			
3/26/2018	<0.001		<0.001	<0.001	<0.001
10/4/2018	<0.001	<0.001	<0.001	<0.001	<0.001
3/27/2019			<0.001		
3/28/2019	<0.001	<0.001		<0.001	<0.001
9/12/2019	<0.001	<0.001	<0.001	<0.001	<0.001
3/19/2020	<0.001	<0.001	<0.001	<0.001	<0.001
9/10/2020	<0.001	<0.001			
9/11/2020			<0.001	<0.001	<0.001
4/5/2021			<0.001	<0.001	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Arsenic (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
4/6/2021	<0.001	<0.001			<0.001
8/13/2021	<0.001	<0.001	<0.001		<0.001
8/17/2021				<0.001	
2/14/2022	<0.001	<0.001		<0.001	<0.001
2/15/2022			<0.001		
8/31/2022	<0.001	<0.001	<0.001	<0.001	<0.001
2/28/2023			<0.001		<0.001
3/1/2023	<0.001	<0.001		0.00031 (J)	
8/3/2023	<0.001	<0.001	<0.001	<0.001	<0.001
3/4/2024	<0.001	<0.001	<0.001	<0.001	<0.001
8/8/2024	0.0011	0.0011	<0.001	0.001	0.0011
2/25/2025					<0.001
2/26/2025	<0.001	<0.001	<0.001	<0.001	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Barium (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
12/20/2010			0.024 (J)	0.019 (J)	0.029 (J)		
12/21/2010						0.055 (JO)	0.021 (J)
12/22/2010	0.026 (J)	0.028 (J)					
2/1/2011				0.017 (J)	0.038 (J)		
2/14/2011	0.022 (J)	0.025 (J)	0.023 (J)			0.05 (JO)	0.021 (J)
3/21/2011			0.021 (J)	0.019 (J)			0.021 (J)
3/22/2011	0.02 (J)	0.029 (J)					
3/23/2011					0.045 (J)	0.031 (J)	
4/26/2011	0.019 (I)	0.031 (I)	0.019 (I)	0.02 (I)			0.021 (I)
4/27/2011					0.043 (I)	0.015 (I)	
10/25/2011						0.02	
10/26/2011			0.023		0.023		0.019
10/27/2011	0.021	0.027		0.018			
5/1/2012	0.017	0.022	0.014		0.021	0.017	
5/2/2012				0.017			0.018
11/8/2012	0.023	0.024	0.034	0.048 (O)	0.038	0.012	0.018
5/7/2013	0.021	0.027		0.02	0.042	0.022	
5/8/2013			0.016				0.017
11/4/2013	0.018	0.024	0.014	0.019			
11/5/2013					0.039	0.012	0.019
5/23/2014					0.088 (O)	0.02	0.021
5/24/2014	0.022	0.025	0.027	0.019			
11/7/2014			0.03	0.019	0.027	0.012	0.019
11/8/2014	0.02	0.023					
5/20/2015			0.029	0.018			
5/21/2015	0.022	0.023			0.036	0.011	0.02
11/12/2015					0.038	0.012	0.019
11/13/2015	0.025	0.023	0.041	0.02			
4/6/2016	0.0239						
4/7/2016			0.0381	0.0207		0.0116	0.0201
4/8/2016		0.0244			0.0261		
6/14/2016	0.021	0.023	0.034	0.019	0.023		0.017
6/17/2016						0.012	
8/9/2016		0.026	0.032	0.017	0.026		0.017
8/10/2016	0.019					0.012	
10/10/2016			0.037	0.02			
10/11/2016	0.02	0.022			0.03		0.02
10/14/2016						0.016	
12/2/2016	0.022 (B)		0.038 (B)	0.02 (B)			0.02 (B)
12/5/2016		0.025			0.026		
12/19/2016						0.012	
2/9/2017			0.048				0.018
2/10/2017	0.03	0.026		0.018	0.023		
2/13/2017						0.017	
4/7/2017		0.021	0.045	0.02	0.024	0.011	0.018
4/10/2017	0.025						
6/22/2017			0.049		0.025	0.014	0.02
6/23/2017	0.026			0.021			
6/26/2017		0.028					
10/9/2017	0.025	0.021					
10/10/2017			0.044	0.018	0.022	0.012	0.02
3/22/2018			0.05		0.024		0.018

Time Series

Constituent: Barium (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
3/23/2018				0.02		0.012	
3/26/2018	0.026	0.022					
10/3/2018	0.022 (O)	0.022	0.042			0.012	0.018
10/4/2018				0.019			
10/5/2018					0.026		
3/27/2019	0.024	0.022	0.057	0.021	0.026	0.013	0.019
9/12/2019	0.025	0.023	0.1 (O)	0.022	0.028	0.016	0.022
12/2/2019			0.11 (O)				
3/19/2020	0.027	0.024	0.11 (O)	0.023		0.02	0.02
3/20/2020					0.029		
9/10/2020	0.023	0.022					0.02
9/11/2020			0.15 (O)	0.022	0.026	0.013	
4/2/2021	0.02	0.023	0.11 (O)				
4/5/2021				0.022	0.028	0.015	
4/6/2021							0.02
8/12/2021	0.023	0.024	0.091	0.023		0.013	0.024
8/13/2021					0.026		
2/14/2022	0.024		0.077	0.024	0.029	0.014	0.022
2/15/2022		0.032					
8/26/2022	0.026	0.021					
8/30/2022							0.021
8/31/2022			0.065	0.022	0.031	0.016	
2/28/2023	0.022	0.02	0.056	0.022	0.027	0.014	
3/1/2023							0.019
8/2/2023	0.018						
8/3/2023		0.018	0.055	0.021	0.027 (B)	0.013 (B)	0.02
2/29/2024	0.021						
3/4/2024		0.022	0.057	0.022	0.032	0.015	0.019
8/6/2024	0.019						
8/8/2024		0.023	0.048	0.024	0.038	0.015	
8/9/2024							0.021
2/25/2025	0.019	0.024					
2/26/2025			0.052	0.023	0.031	0.014	0.019

Time Series

Constituent: Barium (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010					0.11
12/21/2010				0.01 (J)	
12/22/2010	0.016 (J)	0.011 (J)	0.011 (J)		
2/14/2011					0.1
2/15/2011	0.016 (J)	0.013 (J)	0.013 (J)	0.0086 (J)	
3/21/2011				0.009 (J)	0.1
3/22/2011	0.014 (J)	0.01 (J)	0.01 (J)		
4/27/2011	0.016 (I)	0.011 (I)	0.011 (I)		0.091 (I)
4/28/2011				0.012 (I)	
10/26/2011	0.015	0.013	0.0099 (J)	0.0093 (J)	0.1
5/1/2012				0.0048 (I)	0.095
5/2/2012	0.012	0.0084 (I)	0.0085 (I)		
11/8/2012	0.015	0.012	0.01		
11/9/2012				0.0091 (J)	0.093
5/8/2013	0.014	0.013	0.0094 (J)	0.0096 (J)	0.077
11/4/2013	0.016	0.012	0.0094 (J)	0.012	0.083
5/24/2014	0.015	0.012	0.0094 (J)	0.011	0.07
11/7/2014	0.016		0.0094 (J)	0.011	0.065
11/8/2014		0.01			
5/20/2015					0.058
5/22/2015	0.015	0.011	0.0092 (J)	0.011	
11/13/2015	0.016	0.011	0.0095 (J)	0.011	0.058
4/8/2016					0.0619
4/11/2016	0.0167	0.0132	0.0105	0.012	
6/15/2016	0.015	0.011			
6/16/2016			0.0089 (J)	0.011	0.052
8/10/2016	0.015	0.012	0.0082		
8/11/2016				0.012 (B)	0.044 (B)
10/11/2016	0.017	0.012			
10/13/2016			0.0088	0.012	0.049
12/2/2016		0.012 (B)			
12/5/2016	0.017		0.01	0.013	
12/6/2016					0.047
2/13/2017	0.016	0.013	0.0097	0.012	0.05
4/7/2017		0.01			
4/10/2017	0.015		0.0082		
4/11/2017				0.012	0.053
6/22/2017		0.012			
6/23/2017	0.017		0.01		
6/24/2017				0.013	0.054
10/10/2017	0.016	0.011			
10/11/2017			0.0092	0.012	0.05
3/23/2018		0.011			
3/26/2018	0.015		0.0094	0.013	0.05
10/4/2018	0.018	0.012	0.0093	0.013	0.042
3/27/2019			0.011		
3/28/2019	0.017	0.012		0.014	0.045
9/12/2019	0.019	0.013	0.011	0.017	0.043
3/19/2020	0.019	0.013	0.011	0.018	0.047
9/10/2020	0.02	0.013			
9/11/2020			0.01	0.017	0.044
4/5/2021			0.01	0.019	

Time Series

Constituent: Barium (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
4/6/2021	0.018	0.013			0.041
8/13/2021	0.021	0.029	0.019		0.038
8/17/2021				0.02	
2/14/2022	0.02	0.018		0.021	0.042
2/15/2022			0.011		
8/31/2022	0.025	0.015	0.011	0.022	0.036
2/28/2023			0.01		0.039
3/1/2023	0.02	0.038		0.023	
8/3/2023	0.019 (B)	0.013	0.011	0.021	0.033
3/4/2024	0.025	0.014	0.011	0.025	0.036
8/8/2024	0.02	0.014	0.012	0.029	0.036
2/25/2025					0.032
2/26/2025	0.018	0.014	0.011	0.033	

Time Series

Constituent: Beryllium (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
12/20/2010			<0.0025	<0.0025	<0.0025		
12/21/2010						<0.0025	<0.0025
12/22/2010	<0.0025	<0.0025					
2/1/2011				<0.0025	<0.0025		
2/14/2011	<0.0025	<0.0025	<0.0025			<0.0025	<0.0025
3/21/2011			<0.0025	<0.0025			<0.0025
3/22/2011	<0.0025	<0.0025					
3/23/2011					<0.0025	<0.0025	
4/26/2011	<0.0025	<0.0025	<0.0025	<0.0025			<0.0025
4/27/2011					<0.0025	<0.0025	
10/25/2011						<0.0025	
10/26/2011			<0.0025		<0.0025		<0.0025
10/27/2011	<0.0025	<0.0025		<0.0025			
5/1/2012	<0.0025	<0.0025	<0.0025		<0.0025	<0.0025	
5/2/2012				<0.0025			<0.0025
11/8/2012	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
5/7/2013	<0.0025	<0.0025		<0.0025	<0.0025	<0.0025	
5/8/2013			<0.0025				<0.0025
11/4/2013	<0.0025	<0.0025	<0.0025	<0.0025			
11/5/2013					<0.0025	<0.0025	<0.0025
5/23/2014					<0.0025	<0.0025	<0.0025
5/24/2014	<0.0025	<0.0025	<0.0025	<0.0025			
11/7/2014			<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
11/8/2014	<0.0025	<0.0025					
5/20/2015			<0.0025	<0.0025			
5/21/2015	<0.0025	<0.0025			<0.0025	<0.0025	<0.0025
11/12/2015					<0.0025	<0.0025	<0.0025
11/13/2015	<0.0025	<0.0025	<0.0025	<0.0025			
4/6/2016	<0.0025						
4/7/2016			<0.0025	<0.0025		<0.0025	<0.0025
4/8/2016		<0.0025			<0.0025		
6/14/2016	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025		<0.0025
6/17/2016						<0.0025	
8/9/2016		<0.0025	<0.0025	<0.0025	<0.0025		<0.0025
8/10/2016	<0.0025					<0.0025	
10/10/2016			<0.0025	<0.0025			
10/11/2016	<0.0025	<0.0025			<0.0025		<0.0025
10/14/2016						<0.0025	
12/2/2016	<0.0025		<0.0025	<0.0025			<0.0025
12/5/2016		<0.0025			<0.0025		
12/19/2016						<0.0025	
2/9/2017			<0.0025				<0.0025
2/10/2017	<0.0025	<0.0025		<0.0025	<0.0025		
2/13/2017						<0.0025	
4/7/2017		<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
4/10/2017	<0.0025						
6/22/2017			<0.0025		<0.0025	<0.0025	<0.0025
6/23/2017	<0.0025			<0.0025			
6/26/2017		<0.0025					
10/9/2017	<0.0025	<0.0025					
10/10/2017			<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
3/22/2018			<0.0025		<0.0025		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Beryllium (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
3/23/2018				<0.0025		<0.0025	
3/26/2018	<0.0025	<0.0025					
10/3/2018	<0.0025	<0.0025	<0.0025			<0.0025	<0.0025
10/4/2018				<0.0025			
10/5/2018					<0.0025		
3/27/2019	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
9/12/2019	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
3/19/2020	<0.0025	<0.0025	<0.0025	<0.0025		<0.0025	<0.0025
3/20/2020					<0.0025		
9/10/2020	<0.0025	<0.0025					<0.0025
9/11/2020			<0.0025	<0.0025	<0.0025	<0.0025	
4/2/2021	<0.0025	0.00019 (J)	<0.0025				
4/5/2021				<0.0025	<0.0025	<0.0025	
4/6/2021							<0.0025
8/12/2021	<0.0025	<0.0025	<0.0025	<0.0025		<0.0025	<0.0025
8/13/2021					<0.0025		
2/14/2022	<0.0025		<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
2/15/2022		<0.0025					
8/26/2022	<0.0025	<0.0025					
8/30/2022							<0.0025
8/31/2022			<0.0025	<0.0025	<0.0025	<0.0025	
2/28/2023	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	
3/1/2023							<0.0025
8/2/2023	<0.0025						
8/3/2023		<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
2/29/2024	<0.0025						
3/4/2024		<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
8/6/2024	<0.0025						
8/8/2024		<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	
8/9/2024							<0.0025
2/25/2025	<0.0025	<0.0025					
2/26/2025			0.00022 (J)	<0.0025	<0.0025	<0.0025	<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Beryllium (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010					<0.0025
12/21/2010				<0.0025	
12/22/2010	<0.0025	<0.0025	<0.0025		
2/14/2011					<0.0025
2/15/2011	<0.0025	<0.0025	<0.0025	<0.0025	
3/21/2011				<0.0025	<0.0025
3/22/2011	<0.0025	<0.0025	<0.0025		
4/27/2011	<0.0025	<0.0025	<0.0025		<0.0025
4/28/2011				<0.0025	
10/26/2011	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
5/1/2012				<0.0025	<0.0025
5/2/2012	<0.0025	<0.0025	<0.0025		
11/8/2012	<0.0025	<0.0025	<0.0025		
11/9/2012				<0.0025	<0.0025
5/8/2013	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
11/4/2013	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
5/24/2014	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
11/7/2014	<0.0025		<0.0025	<0.0025	<0.0025
11/8/2014		<0.0025			
5/20/2015					<0.0025
5/22/2015	<0.0025	<0.0025	<0.0025	<0.0025	
11/13/2015	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
4/8/2016					<0.0025
4/11/2016	<0.0025	<0.0025	<0.0025	<0.0025	
6/15/2016	<0.0025	<0.0025			
6/16/2016			2E-05 (J)	<0.0025	<0.0025
8/10/2016	<0.0025	<0.0025	<0.0025		
8/11/2016				<0.0025	<0.0025
10/11/2016	<0.0025	<0.0025			
10/13/2016			<0.0025	<0.0025	<0.0025
12/2/2016		<0.0025			
12/5/2016	<0.0025		<0.0025	<0.0025	
12/6/2016					<0.0025
2/13/2017	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
4/7/2017		<0.0025			
4/10/2017	<0.0025		<0.0025		
4/11/2017				<0.0025	<0.0025
6/22/2017		<0.0025			
6/23/2017	<0.0025		<0.0025		
6/24/2017				<0.0025	<0.0025
10/10/2017	<0.0025	<0.0025			
10/11/2017			<0.0025	<0.0025	<0.0025
3/23/2018		<0.0025			
3/26/2018	<0.0025		<0.0025	<0.0025	<0.0025
10/4/2018	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
3/27/2019			<0.0025		
3/28/2019	<0.0025	<0.0025		<0.0025	<0.0025
9/12/2019	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
3/19/2020	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
9/10/2020	<0.0025	<0.0025			
9/11/2020			<0.0025	<0.0025	<0.0025
4/5/2021			<0.0025	<0.0025	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Beryllium (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
4/6/2021	<0.0025	<0.0025			<0.0025
8/13/2021	<0.0025	<0.0025	<0.0025		<0.0025
8/17/2021				<0.0025	
2/14/2022	<0.0025	<0.0025		<0.0025	<0.0025
2/15/2022			<0.0025		
8/31/2022	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
2/28/2023			<0.0025		<0.0025
3/1/2023	<0.0025	<0.0025		<0.0025	
8/3/2023	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
3/4/2024	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
8/8/2024	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
2/25/2025					<0.0025
2/26/2025	<0.0025	<0.0025	<0.0025	<0.0025	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Boron (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
4/6/2016	<0.08						
4/7/2016			0.0657 (J)	<0.08		<0.08	<0.08
4/8/2016		<0.08			<0.08		
6/14/2016	0.0012 (J)	0.0029 (JB)	0.12	<0.08	0.00079 (J)		<0.08
6/17/2016						0.0049 (JB)	
8/9/2016		<0.08	0.22	<0.08	<0.08		<0.08
8/10/2016	<0.08					<0.08	
10/10/2016			0.52	<0.08			
10/11/2016	<0.08	<0.08			<0.08		<0.08
10/14/2016						<0.08	
12/2/2016	<0.08		0.65	<0.08			<0.08
12/5/2016		<0.08			<0.08		
12/19/2016						<0.08	
2/9/2017			0.57				<0.08
2/10/2017	<0.08	<0.08		<0.08	<0.08		
2/13/2017						<0.08	
4/7/2017		<0.08	0.5	<0.08	<0.08	<0.08	<0.08
4/10/2017	<0.08						
6/22/2017			0.48		<0.08	<0.08	<0.08
6/23/2017	<0.08			<0.08			
6/26/2017		<0.08					
10/9/2017	<0.08	<0.08					
10/10/2017			0.79	<0.08	<0.08	<0.08	<0.08
3/22/2018			0.66		<0.08		<0.08
3/23/2018				<0.08		<0.08	
3/26/2018	<0.08	<0.08					
10/3/2018	<0.08	<0.08	0.89			<0.08	<0.08
10/4/2018				<0.08			
10/5/2018					<0.08		
3/27/2019	<0.08	<0.08	0.74	<0.08	<0.08	<0.08	<0.08
9/12/2019	0.053	<0.08	0.91	<0.08	<0.08	<0.08	<0.08
3/19/2020	<0.08	<0.08	0.86	<0.08		<0.08	<0.08
3/20/2020					<0.08		
9/10/2020	<0.08	<0.08					<0.08
9/11/2020			1	<0.08	<0.08	<0.08	
4/2/2021	<0.08	<0.08	1.1				
4/5/2021				<0.08	<0.08	0.044 (J)	
4/6/2021							<0.08
8/12/2021	<0.08	<0.08	1.1	<0.08		<0.08	<0.08
8/13/2021					<0.08		
2/14/2022	<0.08		0.86	<0.08	<0.08	<0.08	<0.08
2/15/2022		<0.08					
8/26/2022	<0.08	<0.08					
8/30/2022							<0.08
8/31/2022			1.2	<0.08	<0.08	<0.08	
2/28/2023	<0.08	0.19	1.1	0.11	0.034 (J)	0.12	
3/1/2023							<0.08
8/2/2023	<0.08						
8/3/2023		<0.08	1.1	0.027 (J)	<0.08	0.023 (J)	<0.08
2/29/2024	<0.08						
3/4/2024		0.033 (J)	0.98	0.022 (J)	<0.08	<0.08	<0.08
8/6/2024	<0.08						

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Boron (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
8/8/2024		<0.08	1.2	<0.08	<0.08	<0.08	
8/9/2024							0.022 (J)
2/25/2025	<0.08	<0.08					
2/26/2025			1	<0.08	<0.08	<0.08	<0.08

Time Series

Constituent: Boron (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
4/8/2016					0.824
4/11/2016	<0.08	<0.08	<0.08	<0.08	
6/15/2016	0.0021 (J)	<0.08			
6/16/2016			0.0034 (JB)	0.0013 (JB)	0.8 (J)
8/10/2016	<0.08	<0.08	<0.08		
8/11/2016				<0.08	0.97
10/11/2016	<0.08	<0.08			
10/13/2016			<0.08	<0.08	0.94
12/2/2016		<0.08			
12/5/2016	<0.08		<0.08	<0.08	
12/6/2016					1
2/13/2017	<0.08	<0.08	<0.08	<0.08	0.97
4/7/2017		<0.08			
4/10/2017	<0.08		<0.08		
4/11/2017				<0.08	0.88
6/22/2017		<0.08			
6/23/2017	<0.08		<0.08		
6/24/2017				<0.08	0.87
10/10/2017	<0.08	<0.08			
10/11/2017			<0.08	<0.08	1.1
3/23/2018		<0.08			
3/26/2018	<0.08		<0.08	<0.08	0.91
10/4/2018	<0.08	<0.08	<0.08	<0.08	0.92
3/27/2019			<0.08		
3/28/2019	<0.08	<0.08		<0.08	0.97
9/12/2019	<0.08	<0.08	<0.08	<0.08	0.94
3/19/2020	<0.08	<0.08	<0.08	<0.08	1
9/10/2020	<0.08	<0.08			
9/11/2020			<0.08	<0.08	0.97
4/5/2021			<0.08	<0.08	
4/6/2021	<0.08	<0.08			0.97
8/13/2021	<0.08	<0.08	<0.08		0.94
8/17/2021				<0.08	
2/14/2022	<0.08	<0.08		<0.08	1
2/15/2022			<0.08		
8/31/2022	<0.08	<0.08	<0.08	<0.08	1
2/28/2023			0.08		0.91
3/1/2023	0.075 (J)	0.95 (o)		<0.08	
8/3/2023	0.025 (J)	<0.08	<0.08	<0.08	0.97
3/4/2024	<0.08	<0.08	0.036 (J)	0.023 (J)	0.97
8/8/2024	<0.08	<0.08	<0.08	0.023 (J)	1.2
2/25/2025					1.1
2/26/2025	<0.08	<0.08	0.022 (J)	0.028 (J)	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
12/20/2010			<0.0025	<0.0025	<0.0025		
12/21/2010						<0.0025	<0.0025
12/22/2010	<0.0025	<0.0025					
2/1/2011				<0.0025	<0.0025		
2/14/2011	<0.0025	<0.0025	<0.0025			<0.0025	<0.0025
3/21/2011			<0.0025	<0.0025			<0.0025
3/22/2011	<0.0025	<0.0025					
3/23/2011					<0.0025	<0.0025	
4/26/2011	<0.0025	<0.0025	<0.0025	<0.0025			<0.0025
4/27/2011					<0.0025	<0.0025	
10/25/2011						<0.0025	
10/26/2011			<0.0025		<0.0025		<0.0025
10/27/2011	<0.0025	<0.0025		<0.0025			
5/1/2012	<0.0025	<0.0025	<0.0025		<0.0025	<0.0025	
5/2/2012				<0.0025			<0.0025
11/8/2012	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
5/7/2013	<0.0025	<0.0025		<0.0025	<0.0025	<0.0025	
5/8/2013			<0.0025				<0.0025
11/4/2013	<0.0025	<0.0025	<0.0025	<0.0025			
11/5/2013					<0.0025	<0.0025	<0.0025
5/23/2014					<0.0025	<0.0025	<0.0025
5/24/2014	<0.0025	<0.0025	<0.0025	<0.0025			
11/7/2014			<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
11/8/2014	<0.0025	<0.0025					
5/20/2015			<0.0025	<0.0025			
5/21/2015	<0.0025	<0.0025			<0.0025	<0.0025	<0.0025
11/12/2015					<0.0025	<0.0025	<0.0025
11/13/2015	<0.0025	<0.0025	<0.0025	<0.0025			
4/6/2016	<0.0025						
4/7/2016			<0.0025	<0.0025		<0.0025	<0.0025
4/8/2016		<0.0025			<0.0025		
6/14/2016	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025		<0.0025
6/17/2016						<0.0025	
8/9/2016		<0.0025	<0.0025	<0.0025	<0.0025		<0.0025
8/10/2016	<0.0025					<0.0025	
10/10/2016			<0.0025	<0.0025			
10/11/2016	<0.0025	<0.0025			<0.0025		<0.0025
10/14/2016						<0.0025	
12/2/2016	<0.0025		<0.0025	<0.0025			<0.0025
12/5/2016		<0.0025			<0.0025		
12/19/2016						<0.0025	
2/9/2017			<0.0025				<0.0025
2/10/2017	<0.0025	<0.0025		<0.0025	<0.0025		
2/13/2017						<0.0025	
4/7/2017		<0.0025	<0.0025	<0.0025	0.0016 (J)	<0.0025	<0.0025
4/10/2017	<0.0025						
6/22/2017			<0.0025		<0.0025	<0.0025	<0.0025
6/23/2017	<0.0025			<0.0025			
6/26/2017		<0.0025					
10/9/2017	<0.0025	<0.0025					
10/10/2017			<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
3/22/2018			<0.0025		<0.0025		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
3/23/2018				<0.0025		<0.0025	
3/26/2018	<0.0025	<0.0025					
10/3/2018	<0.0025	<0.0025	<0.0025			<0.0025	<0.0025
10/4/2018				<0.0025			
10/5/2018					<0.0025		
3/27/2019	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
9/12/2019	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
3/19/2020	<0.0025	<0.0025	<0.0025	<0.0025		<0.0025	<0.0025
3/20/2020					<0.0025		
9/10/2020	<0.0025	<0.0025					<0.0025
9/11/2020			<0.0025	<0.0025	<0.0025	<0.0025	
4/2/2021	<0.0025	<0.0025	<0.0025				
4/5/2021				<0.0025	<0.0025	<0.0025	
4/6/2021							<0.0025
8/12/2021	<0.0025	<0.0025	<0.0025	<0.0025		<0.0025	<0.0025
8/13/2021					<0.0025		
2/14/2022	<0.0025		<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
2/15/2022		<0.0025					
8/26/2022	<0.0025	<0.0025					
8/30/2022							<0.0025
8/31/2022			<0.0025	<0.0025	<0.0025	<0.0025	
2/28/2023	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	
3/1/2023							<0.0025
8/2/2023	<0.0025						
8/3/2023		<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
2/29/2024	<0.0025						
3/4/2024		<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
8/6/2024	<0.0025						
8/8/2024		<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	
8/9/2024							<0.0025
2/25/2025	<0.0025	<0.0025					
2/26/2025			<0.0025	<0.0025	<0.0025	<0.0025	<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010					<0.0025
12/21/2010				<0.0025	
12/22/2010	<0.0025	<0.0025	<0.0025		
2/14/2011					<0.0025
2/15/2011	<0.0025	<0.0025	<0.0025	<0.0025	
3/21/2011				<0.0025	<0.0025
3/22/2011	<0.0025	<0.0025	<0.0025		
4/27/2011	<0.0025	<0.0025	<0.0025		<0.0025
4/28/2011				<0.0025	
10/26/2011	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
5/1/2012				<0.0025	<0.0025
5/2/2012	<0.0025	<0.0025	<0.0025		
11/8/2012	<0.0025	<0.0025	<0.0025		
11/9/2012				<0.0025	<0.0025
5/8/2013	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
11/4/2013	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
5/24/2014	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
11/7/2014	<0.0025		<0.0025	<0.0025	<0.0025
11/8/2014		<0.0025			
5/20/2015					<0.0025
5/22/2015	<0.0025	<0.0025	<0.0025	<0.0025	
11/13/2015	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
4/8/2016					<0.0025
4/11/2016	<0.0025	<0.0025	<0.0025	<0.0025	
6/15/2016	<0.0025	7.4E-05 (J)			
6/16/2016			<0.0025	0.00017 (J)	<0.0025
8/10/2016	<0.0025	<0.0025	<0.0025		
8/11/2016				<0.0025	<0.0025
10/11/2016	<0.0025	<0.0025			
10/13/2016			<0.0025	<0.0025	<0.0025
12/2/2016		<0.0025			
12/5/2016	<0.0025		<0.0025	<0.0025	
12/6/2016					<0.0025
2/13/2017	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
4/7/2017		<0.0025			
4/10/2017	<0.0025		<0.0025		
4/11/2017				<0.0025	<0.0025
6/22/2017		<0.0025			
6/23/2017	<0.0025		<0.0025		
6/24/2017				<0.0025	<0.0025
10/10/2017	<0.0025	<0.0025			
10/11/2017			<0.0025	<0.0025	<0.0025
3/23/2018		<0.0025			
3/26/2018	<0.0025		<0.0025	<0.0025	<0.0025
10/4/2018	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
3/27/2019			<0.0025		
3/28/2019	<0.0025	<0.0025		<0.0025	<0.0025
9/12/2019	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
3/19/2020	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
9/10/2020	<0.0025	<0.0025			
9/11/2020			<0.0025	<0.0025	<0.0025
4/5/2021			<0.0025	<0.0025	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cadmium (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
4/6/2021	<0.0025	<0.0025			<0.0025
8/13/2021	<0.0025	<0.0025	<0.0025		<0.0025
8/17/2021				<0.0025	
2/14/2022	<0.0025	<0.0025		<0.0025	<0.0025
2/15/2022			<0.0025		
8/31/2022	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
2/28/2023			<0.0025		<0.0025
3/1/2023	<0.0025	<0.0025		<0.0025	
8/3/2023	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
3/4/2024	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
8/8/2024	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
2/25/2025					9E-05 (J)
2/26/2025	<0.0025	<0.0025	<0.0025	<0.0025	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Calcium (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
4/6/2016	9.27						
4/7/2016			38.4	6.57		12.6	15.3
4/8/2016		8.6			10.7		
6/14/2016	8.2	6.8	32.9	5.5	11.3		14.2
6/17/2016						12.4	
8/9/2016		6.2	29	4.6	9.6		13
8/10/2016	6.9					11	
10/10/2016			33	5.3			
10/11/2016	7.6	6.2			11		14
10/14/2016						13	
12/2/2016	7.4		33	5.1			13
12/5/2016		5.5			10		
12/19/2016						11	
2/9/2017			42				14
2/10/2017	11	7.8		5.8	11		
2/13/2017						13	
4/7/2017		7.3	35	5.2	10	12	14
4/10/2017	9.7						
6/22/2017			38		11	13	14
6/23/2017	9.2			5.7			
6/26/2017		6.8					
10/9/2017	9.4	5.8					
10/10/2017			40	5.8	11	13	15
3/22/2018			39		11		14
3/23/2018				6.6		13	
3/26/2018	9.3	8.7					
10/3/2018	7.8	6.1	41			12	14
10/4/2018				5.4			
10/5/2018					11		
3/27/2019	9.5	7.1	39	6.1	11	13	15
9/12/2019	8.8	6.1	36	5.7	12	13	14
3/19/2020	11	9.7	45	6.7		14	15
3/20/2020					12		
9/10/2020	8.2	5.9					14
9/11/2020			30	5.5	11	12	
4/2/2021	9.2	9	29				
4/5/2021				7	13	13	
4/6/2021							16
8/12/2021	7.2	6	26	6.1		12	14
8/13/2021					11		
2/14/2022	8		26	5.9	11	11	13
2/15/2022		9.6					
8/26/2022	6.8	7.8					
8/30/2022							14
8/31/2022			23	5.7	12	12	
2/28/2023	8.1	11	23	6.6	13	13	
3/1/2023							15
8/2/2023	6.4						
8/3/2023		9.6	23	6.4	13	12	15
2/29/2024	6.7						
3/4/2024		11	25	6.8	15	13	14
8/6/2024	6						

Time Series

Constituent: Calcium (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
8/8/2024		7.8	20	6.9	17	13	
8/9/2024							16
2/25/2025	5.8	11					
2/26/2025			26	6.1	14	12	14

Time Series

Constituent: Calcium (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
4/8/2016					17.5
4/11/2016	9.7	7.04	6.9	12.8	
6/15/2016	9.5	7.4			
6/16/2016			7.6	14.3	18.4
8/10/2016	8.5	6.7	5.7		
8/11/2016				11	13
10/11/2016	9.3	6.9			
10/13/2016			6.7	13	15
12/2/2016		6.5			
12/5/2016	9		6.4	12	
12/6/2016					15
2/13/2017	9.2	7.9	6.2	13	16
4/7/2017		6.5			
4/10/2017	9.2		6.2		
4/11/2017				13	17
6/22/2017		6.8			
6/23/2017	9.8		6.6		
6/24/2017				13	17
10/10/2017	10	7.3			
10/11/2017			6.9 (B)	15 (B)	19 (B)
3/23/2018		7.5			
3/26/2018	11		7	15	19
10/4/2018	10	6.7	6.4	14	17
3/27/2019			7		
3/28/2019	11	7.2		15	18
9/12/2019	12	7.5	7.1	17	18
3/19/2020	16	7.9	7.1	19	19
9/10/2020	15	7.5			
9/11/2020			7	18	19
4/5/2021			8	21	
4/6/2021	17	7.7			19
8/13/2021	15	7.2	7		17
8/17/2021				22	
2/14/2022	16	6.5		18	16
2/15/2022			6.4		
8/31/2022	17	7.1	7.2	21	17
2/28/2023			7.6		18
3/1/2023	19	20 (o)		25	
8/3/2023	18	8	8.2	24	18
3/4/2024	18	7.9	8.1	28	19
8/8/2024	19	7.6	9	30	22
2/25/2025					20
2/26/2025	18	7.5	8.1	27	

Time Series

Constituent: Chloride (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
4/6/2016	3.034						
4/7/2016			8.05	2.914		1.842	2.285
4/8/2016		2.1			1.57		
6/14/2016	3.1	4.2	9.3 (D)	3.1	1.7		2.3
6/17/2016						1.9 (BD)	
8/9/2016		5	10	3.2	1.5		2.3
8/10/2016	2.7					1.8	
10/10/2016			10	3			
10/11/2016	2.7	3.8			1.6		2.1
10/14/2016						1.7	
12/2/2016	2.5		10	3			2
12/5/2016		3.6			1.5		
12/19/2016						2.7 (O)	
2/9/2017			9.4				2.1
2/10/2017	3.4	2.2		2.7	1.5		
2/13/2017						1.8	
4/7/2017		2.2	9.9	2.9	1.4	1.7	2
4/10/2017	3.6						
6/22/2017			9.7		1.4	1.7	2
6/23/2017	3.2			3.3			
6/26/2017		3.4					
10/9/2017	3.5	3.4					
10/10/2017			9.8	3.5	1.4	1.6	2
3/22/2018			9.7		1.3		1.9
3/23/2018				3.6		1.6	
3/26/2018	3.8	1.9					
10/3/2018	4	2.9	10			1.6	2
10/4/2018				3.9			
10/5/2018					1.4		
3/27/2019	2.9	2	9.6	3.7	1.2	1.5	1.9
9/12/2019	3.4	2.5	10	4.3	1.4	1.7	1.9
3/19/2020	3.9	2.2	9.9	4.5		1.9	2.2
3/20/2020					1.7 (F1)		
9/10/2020	3.7	2.5					2.1
9/11/2020			12	4.7	1.6	1.8	
4/2/2021	3.7	1.8	13				
4/5/2021				5.3	1.8	2	
4/6/2021							2.1
8/12/2021	4.1	2.7	13	5.5		1.8	2.2
8/13/2021					1.8		
2/14/2022	4		10	5	1.5	1.8	2
2/15/2022		1.8					
8/26/2022	3.6	2					
8/30/2022							2.2
8/31/2022			13	5.1	1.5	1.6	
2/28/2023	3.6	1.8	13	5.2	1.7	1.8	
3/1/2023							2.1
8/2/2023	3.4						
8/3/2023		1.8	13	5.2	1.6	1.7	1.9
2/29/2024	3.7						
3/4/2024		1.8	14	5.4	1.8	1.8	2
8/6/2024	3.2						

Time Series

Constituent: Chloride (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
8/8/2024		1.9	27 (o)	5.5	1.7	1.8	
8/9/2024							2
11/7/2024			13				
2/25/2025	3	1.8					
2/26/2025			12	5.8	1.8	2	2.1

Time Series

Constituent: Chloride (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
4/8/2016					10.065
4/11/2016	1.57 (O)	2.09	2.09 (O)	<0.25 (O)	
6/15/2016	3.9	2.1			
6/16/2016			6.3	7.4	9.4
8/10/2016	4	2	6.9		
8/11/2016				8.3	10
10/11/2016	3.7	1.9			
10/13/2016			6.5	7.8	9.9
12/2/2016		1.9			
12/5/2016	3.6		6.6	8.1	
12/6/2016					10
2/13/2017	3.4	1.9	6.7	8	10
4/7/2017		2			
4/10/2017	3.5		6.7		
4/11/2017				7.6	10
6/22/2017		1.9			
6/23/2017	3.4		6.6		
6/24/2017				8.3	10
10/10/2017	3.3	1.9			
10/11/2017			6.5	7.9	10
3/23/2018		1.9			
3/26/2018	3.1		6.6	7.8	11
10/4/2018	3.1	1.9	6.9	8.1	12
3/27/2019			7		
3/28/2019	2.8	1.8		7.5	12
9/12/2019	3	1.8	6.8	7.7	11
3/19/2020	3.4	2.1	7.3	8.2	13
9/10/2020	3.3	2.1			
9/11/2020			7.7	7.9	12
4/5/2021			7.8	8.2	
4/6/2021	3.3	1.9			13
8/13/2021	3.7	2.1	8		13
8/17/2021				8.3	
2/14/2022	3.8	1.9		7.6	12
2/15/2022			7.6		
8/31/2022	3.5	1.6	7.7	7.6	13
2/28/2023			7.9		13
3/1/2023	3.9	14 (o)		8	
5/2/2023		1.7			
8/3/2023	3.3	1.6	7.8	7.6	14
10/4/2023					15
3/4/2024	3.4	1.9	8.4	8.1	15
5/20/2024					13
8/8/2024	3.2	1.8	8	4.3 (J)	29 (o)
11/7/2024					14
2/25/2025					14
2/26/2025	3.3	1.9	8.7	8.6	

Time Series

Constituent: Chromium (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
12/20/2010			<0.002	0.0036 (J)	0.0064		
12/21/2010						0.0094	0.0073
12/22/2010	0.0052	0.0029 (J)					
2/1/2011				0.0037 (J)	0.015		
2/14/2011	0.0057	0.0027 (J)	<0.002			0.028	0.0051
3/21/2011			<0.002	0.004 (J)			0.0067
3/22/2011	0.0055	0.0049 (J)					
3/23/2011					0.0084	0.0042 (J)	
4/26/2011	0.0069	0.0048 (I)	<0.002	0.0037 (I)			0.0065
4/27/2011					0.011	<0.005	
10/25/2011						0.0062	
10/26/2011			<0.002		0.0061		0.0068
10/27/2011	0.011	0.0023 (J)		0.0047 (J)			
5/1/2012	0.0056	0.0051	<0.002		0.0072	0.011	
5/2/2012				0.005			0.011
11/8/2012	<0.002	0.0034 (J)	<0.002	0.0081	0.015	0.0089	0.0052
5/7/2013	0.0036 (J)	0.0078		0.0035 (J)	0.044	0.019	
5/8/2013			<0.002				0.0059
11/4/2013	0.0032 (JV)	0.0055 (JV)	<0.002	0.0056 (JV)			
11/5/2013					0.023	0.0057 (JV)	0.0044 (JV)
5/23/2014					0.022	0.0084 (J)	0.0087 (J)
5/24/2014	0.0043 (J)	0.0075 (J)	<0.002	0.005 (J)			
11/7/2014			<0.002	0.004 (J)	0.013	0.011	0.0048 (J)
11/8/2014	<0.002	0.0048 (J)					
5/20/2015			0.0025 (J)	0.0062 (J)			
5/21/2015	0.002 (J)	0.0082 (J)			0.029	0.013	0.006 (J)
11/12/2015					0.045	0.015	0.007 (J)
11/13/2015	<0.002	0.0079 (J)	0.0042 (J)	0.0067 (J)			
4/6/2016	0.00278 (J)						
4/7/2016			<0.002	0.00467 (J)		0.00498 (J)	0.0056 (J)
4/8/2016		0.00878 (J)			0.00752 (J)		
6/14/2016	0.0014 (J)	0.0071 (J)	0.00055 (J)	0.0041 (J)	0.007 (J)		0.0048 (J)
6/17/2016						0.004 (J)	
8/9/2016		0.0079	<0.002	0.0041	0.008		0.0053
8/10/2016	0.0019 (J)					0.0047	
10/10/2016			<0.002	0.0041			
10/11/2016	0.0024 (J)	0.0069			0.0079		0.0058
10/14/2016						0.0056	
12/2/2016	0.0023 (J)		<0.002	0.0039			0.0071
12/5/2016		0.0077			0.0057		
12/19/2016						0.0039	
2/9/2017			<0.002				0.0051
2/10/2017	0.0021 (J)	0.0098		0.0044	0.0062		
2/13/2017						0.0059	
4/7/2017		0.0081	<0.002	0.0046	0.0072	0.0051	0.006
4/10/2017	0.002 (J)						
6/22/2017			<0.002		0.0074	0.005	0.0056
6/23/2017	0.0018 (J)			0.005			
6/26/2017		0.0084					
10/9/2017	0.0016 (J)	0.0082					
10/10/2017			<0.002	0.0088	0.0072	0.005	0.0073
3/22/2018			<0.002		0.0074		0.0051

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chromium (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
3/23/2018				0.0045		0.005	
3/26/2018	0.0011 (J)	0.0088					
10/3/2018	0.0014 (J)	0.0086	<0.002			0.0051	0.0052
10/4/2018				0.0047			
10/5/2018					0.0083		
3/27/2019	0.003	0.0078	<0.002	0.0048	0.0081	0.0051	0.0056
9/12/2019	0.0047 (B)	0.0092 (B)	<0.002	0.0051 (B)	0.0088 (B)	0.0085 (B)	0.0075 (B)
3/19/2020	0.0026	0.011	<0.002	0.0043		0.0063	0.0055
3/20/2020					0.0085		
9/10/2020	0.0019 (J)	0.0077					0.0063
9/11/2020			<0.002	0.0042	0.0081	0.0053	
4/2/2021	0.0029	0.01	<0.002				
4/5/2021				0.0041	0.0084	0.0061	
4/6/2021							0.0055
8/12/2021	0.0016 (J)	0.008	<0.002	0.0045		0.0058	0.0096
8/13/2021					0.0082		
2/14/2022	0.0026		<0.002	0.0047	0.0086	0.0058	0.0076
2/15/2022		0.013					
8/26/2022	0.0016 (J)	0.0078					
8/30/2022							0.0064
8/31/2022			<0.002	0.0048	0.0084	0.0059	
2/28/2023	0.0024	0.01	<0.002	0.0047	0.0084	0.0058	
3/1/2023							0.0057
8/2/2023	0.0028						
8/3/2023		0.0089	0.0012 (J)	0.0053	0.0092	0.0056	0.0065
2/29/2024	0.0021						
3/4/2024		0.011	0.0016 (J)	0.0048	0.01	0.0063	0.006
8/6/2024	0.0021						
8/8/2024		0.013	<0.002	0.006	0.012	0.0061	
8/9/2024							0.0059
2/25/2025	<0.002	0.01					
2/26/2025			0.0012 (J)	0.0048	0.01	0.0061	0.0057

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chromium (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010					<0.002
12/21/2010				0.01	
12/22/2010	0.0026 (J)	0.0034 (J)	0.0036 (J)		
2/14/2011					<0.002
2/15/2011	<0.002	0.0034 (J)	0.0038 (J)	0.0087	
3/21/2011				0.0083	<0.002
3/22/2011	<0.002	0.0037 (J)	0.0022 (J)		
4/27/2011	0.002 (I)	0.0038 (I)	0.0042 (I)		<0.002
4/28/2011				0.0076	
10/26/2011	0.002 (J)	0.0039 (J)	0.0042 (J)	0.0078	0.0033 (J)
5/1/2012				0.0049 (I)	0.0025 (I)
5/2/2012	<0.002	0.0044 (I)	0.0037 (I)		
11/8/2012	<0.002	0.0026 (J)	<0.01		
11/9/2012				0.0066	<0.002
5/8/2013	<0.002	0.0038 (J)	0.0032 (J)	0.0082	<0.002
11/4/2013	0.0027 (JV)	0.0063 (JV)	0.0063 (JV)	0.013 (V)	0.0035 (JV)
5/24/2014	0.0027 (J)	0.0061 (J)	0.003 (J)	0.012	0.0027 (J)
11/7/2014	<0.002		<0.01	0.0084 (J)	<0.002
11/8/2014		<0.002			
5/20/2015					0.0021 (J)
5/22/2015	0.0034 (J)	0.0037 (J)	0.0023 (J)	0.0096 (J)	
11/13/2015	0.0038 (J)	0.0055 (J)	0.0042 (J)	0.011	0.0041 (J)
4/8/2016					0.0053 (J)
4/11/2016	<0.002	0.00479 (J)	0.00309 (J)	0.0101	
6/15/2016	0.0015 (J)	0.0041 (J)			
6/16/2016			0.0025 (J)	0.01	0.0014 (J)
8/10/2016	0.0014 (J)	0.0047	0.0023 (J)		
8/11/2016				0.0097	0.0013 (J)
10/11/2016	0.0017 (J)	0.0048			
10/13/2016			0.0028	0.012	0.0018 (J)
12/2/2016		0.0043			
12/5/2016	0.0014 (J)		0.0032	0.012	
12/6/2016					0.0014 (J)
2/13/2017	0.0016 (J)	0.0047	0.0021 (J)	0.011	0.0021 (J)
4/7/2017		0.0044			
4/10/2017	0.0014 (J)		0.0022 (J)		
4/11/2017				0.011	0.0012 (J)
6/22/2017		0.0045			
6/23/2017	0.0014 (J)		0.0025		
6/24/2017				0.0095	0.0017 (J)
10/10/2017	0.0039	0.005			
10/11/2017			0.0027	0.0096	0.0013 (J)
3/23/2018		0.0042			
3/26/2018	0.0013 (J)		0.0028	0.012	0.0014 (J)
10/4/2018	0.0014 (J)	0.005	0.0041	0.016	<0.002
3/27/2019			0.0044		
3/28/2019	0.0012 (J)	0.0043		0.019	<0.002
9/12/2019	0.0021 (JB)	0.006 (B)	0.0043 (B)	0.027 (B)	0.002 (JB)
3/19/2020	<0.002	0.0047	0.0032	0.029	<0.002
9/10/2020	<0.002	0.0047			
9/11/2020			0.0041	0.028	0.0023
4/5/2021			0.0054	0.031	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Chromium (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
4/6/2021	<0.002	0.0044			<0.002
8/13/2021	<0.002	0.0089	0.0087		0.0019 (J)
8/17/2021				0.034	
2/14/2022	<0.002	0.0046		0.036	0.0018 (J)
2/15/2022			0.0054		
8/31/2022	<0.002	0.004	0.0047	0.038	0.002
2/28/2023			0.0047		0.003
3/1/2023	<0.002	<0.002		0.038	
8/3/2023	<0.002	0.0042	0.0063	0.035	<0.002
3/4/2024	0.0012 (J)	0.0042	0.0064	0.033	0.0013 (J)
8/8/2024	0.0012 (J)	0.0037	0.0064	0.033	<0.002
2/25/2025					<0.002
2/26/2025	<0.002	0.0032	0.0078	0.026	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
12/20/2010			0.012 (o)	<0.0025	0.0033 (JO)		
12/21/2010						<0.0025	<0.0025
12/22/2010	<0.0025	0.0038 (JO)					
2/1/2011				<0.0025	0.003 (J)		
2/14/2011	<0.0025	<0.0025	0.0093 (Jo)			<0.0025	<0.0025
3/21/2011			0.0076 (Jo)	<0.0025			<0.0025
3/22/2011	<0.0025	<0.0025					
3/23/2011					<0.0025	<0.0025	
4/26/2011	<0.0025	<0.0025	0.0058 (Io)	<0.0025			<0.0025
4/27/2011					<0.0025	<0.0025	
10/25/2011						<0.0025	
10/26/2011			0.005 (Jo)		<0.0025		<0.0025
10/27/2011	<0.0025	<0.0025		<0.0025			
5/1/2012	<0.0025	<0.0025	0.0032 (I)		<0.0025	0.0039 (O)	
5/2/2012				<0.0025			<0.0025
11/8/2012	<0.0025	<0.0025	0.0034 (J)	<0.0025	<0.0025	<0.0025	<0.0025
5/7/2013	<0.0025	<0.0025		<0.0025	<0.0025	<0.0025	
5/8/2013			<0.0025				<0.0025
11/4/2013	<0.0025	<0.0025	<0.0025	<0.0025			
11/5/2013					<0.0025	<0.0025	<0.0025
5/23/2014					0.0048 (JO)	<0.0025	<0.0025
5/24/2014	<0.0025	<0.0025	<0.0025	<0.0025			
11/7/2014			<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
11/8/2014	<0.0025	<0.0025					
5/20/2015			<0.0025	<0.0025			
5/21/2015	<0.0025	<0.0025			<0.0025	<0.0025	<0.0025
11/12/2015					<0.0025	<0.0025	<0.0025
11/13/2015	<0.0025	<0.0025	<0.0025	<0.0025			
4/6/2016	<0.0025						
4/7/2016			<0.0025	<0.0025		<0.0025	<0.0025
4/8/2016		<0.0025			<0.0025		
6/14/2016	6.6E-05 (J)	0.00042 (J)	0.0031 (J)	3.8E-05 (J)	4.2E-05 (J)		<0.0025
6/17/2016						0.00017 (J)	
8/9/2016		0.00068 (J)	0.0023 (J)	<0.0025	<0.0025		<0.0025
8/10/2016	<0.0025					<0.0025	
10/10/2016			0.0024 (J)	<0.0025			
10/11/2016	0.00047 (J)	<0.0025			0.00052 (J)		<0.0025
10/14/2016						<0.0025	
12/2/2016	0.0014 (J)		0.0021 (J)	<0.0025			0.0004 (J)
12/5/2016		0.0012 (J)			<0.0025		
12/19/2016						<0.0025	
2/9/2017			0.00096 (J)				<0.0025
2/10/2017	0.00052 (J)	0.0013 (J)		<0.0025	<0.0025		
2/13/2017						<0.0025	
4/7/2017		<0.0025	0.0034	<0.0025	<0.0025	<0.0025	<0.0025
4/10/2017	<0.0025						
6/22/2017			0.0029		<0.0025	<0.0025	<0.0025
6/23/2017	<0.0025			<0.0025			
6/26/2017		0.00073 (J)					
10/9/2017	0.00053 (J)	<0.0025					
10/10/2017			0.0025	<0.0025	<0.0025	<0.0025	<0.0025
3/22/2018			0.0015 (J)		<0.0025		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
3/23/2018				<0.0025		<0.0025	
3/26/2018	0.00088 (J)	<0.0025					
10/3/2018	0.0014 (J)	<0.0025	0.0018 (J)			<0.0025	<0.0025
10/4/2018				<0.0025			
10/5/2018					<0.0025		
3/27/2019	<0.0025	<0.0025	0.00083 (J)	<0.0025	<0.0025	<0.0025	<0.0025
9/12/2019	0.0004 (J)	<0.0025	0.0018 (J)	9.5E-05 (J)	0.00011 (J)	<0.0025	0.00017 (J)
3/19/2020	0.00015 (J)	<0.0025	0.0005 (J)	0.00025 (J)		0.00029 (J)	<0.0025
3/20/2020					<0.0025		
9/10/2020	0.00019 (J)	0.00014 (J)					0.0002 (J)
9/11/2020			0.0035	<0.0025	<0.0025	<0.0025	
4/2/2021	0.00016 (J)	0.00026 (J)	0.002 (J)				
4/5/2021				<0.0025	0.00017 (J)	0.00019 (J)	
4/6/2021							<0.0025
8/12/2021	0.00028 (J)	0.00015 (J)	0.0024 (J)	<0.0025		<0.0025	0.00072 (J)
8/13/2021					<0.0025		
2/14/2022	<0.0025		0.00059 (J)	<0.0025	<0.0025	<0.0025	0.00039 (J)
2/15/2022		0.00054 (J)					
8/26/2022	<0.0025	<0.0025					
8/30/2022							<0.0025
8/31/2022			0.0012 (JB)	<0.0025	<0.0025	<0.0025	
2/28/2023	<0.0025	<0.0025	0.00097 (J)	<0.0025	<0.0025	<0.0025	
3/1/2023							<0.0025
8/2/2023	<0.0025						
8/3/2023		<0.0025	0.0011 (J)	<0.0025	<0.0025	<0.0025	<0.0025
2/29/2024	<0.0025						
3/4/2024		<0.0025	0.0004 (J)	<0.0025	<0.0025	<0.0025	<0.0025
8/6/2024	0.00056 (J)						
8/8/2024		<0.0025	0.0012 (J)	<0.0025	<0.0025	<0.0025	
8/9/2024							<0.0025
2/25/2025	0.00023 (J)	<0.0025					
2/26/2025			0.00072 (J)	<0.0025	<0.0025	<0.0025	<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010					0.0051 (J)
12/21/2010				<0.0025	
12/22/2010	<0.0025	<0.0025	<0.0025		
2/14/2011					0.0038 (J)
2/15/2011	<0.0025	<0.0025	<0.0025	<0.0025	
3/21/2011				<0.0025	0.0037 (J)
3/22/2011	<0.0025	<0.0025	<0.0025		
4/27/2011	<0.0025	<0.0025	<0.0025		<0.0025
4/28/2011				<0.0025	
10/26/2011	<0.0025	<0.0025	<0.0025	<0.0025	0.0046 (J)
5/1/2012				<0.0025	0.0043 (I)
5/2/2012	<0.0025	<0.0025	<0.0025		
11/8/2012	<0.0025	<0.0025	<0.0025		
11/9/2012				<0.0025	0.007 (J)
5/8/2013	<0.0025	<0.0025	<0.0025	<0.0025	0.0047 (J)
11/4/2013	<0.0025	<0.0025	<0.0025	<0.0025	0.0096 (J)
5/24/2014	<0.0025	<0.0025	<0.0025	<0.0025	0.0097 (J)
11/7/2014	<0.0025		<0.0025	<0.0025	0.012
11/8/2014		<0.0025			
5/20/2015					0.011
5/22/2015	<0.0025	<0.0025	<0.0025	<0.0025	
11/13/2015	<0.0025	<0.0025	<0.0025	<0.0025	0.013
4/8/2016					0.00315 (J)
4/11/2016	<0.0025	<0.0025	<0.0025	<0.0025	
6/15/2016	<0.0025	<0.0025			
6/16/2016			3.8E-05 (J)	7E-05 (J)	0.0062 (J)
8/10/2016	<0.0025	<0.0025	<0.0025		
8/11/2016				<0.0025	0.0092
10/11/2016	<0.0025	<0.0025			
10/13/2016			<0.0025	<0.0025	0.0045
12/2/2016		<0.0025			
12/5/2016	<0.0025		<0.0025	<0.0025	
12/6/2016					0.0043
2/13/2017	<0.0025	<0.0025	<0.0025	<0.0025	0.011
4/7/2017		<0.0025			
4/10/2017	<0.0025		<0.0025		
4/11/2017				<0.0025	0.012
6/22/2017		<0.0025			
6/23/2017	<0.0025		<0.0025		
6/24/2017				<0.0025	0.011
10/10/2017	<0.0025	<0.0025			
10/11/2017			<0.0025	<0.0025	0.016
3/23/2018		<0.0025			
3/26/2018	<0.0025		<0.0025	<0.0025	0.0069
10/4/2018	<0.0025	<0.0025	<0.0025	<0.0025	0.016
3/27/2019			<0.0025		
3/28/2019	<0.0025	<0.0025		<0.0025	0.011
9/12/2019	<0.0025	<0.0025	0.00012 (J)	<0.0025	0.011
3/19/2020	<0.0025	<0.0025	<0.0025	<0.0025	0.0083
9/10/2020	<0.0025	<0.0025			
9/11/2020			<0.0025	<0.0025	0.002 (J)
4/5/2021			0.0002 (J)	<0.0025	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Cobalt (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
4/6/2021	<0.0025	<0.0025			0.0062
8/13/2021	0.00015 (J)	0.00074 (J)	0.00059 (J)		0.015
8/17/2021				<0.0025	
2/14/2022	<0.0025	<0.0025		<0.0025	0.011
2/15/2022			<0.0025		
8/31/2022	<0.0025	<0.0025	<0.0025	<0.0025	0.014 (B)
2/28/2023			<0.0025		0.0038
3/1/2023	<0.0025	0.01		<0.0025	
8/3/2023	<0.0025	<0.0025	<0.0025	<0.0025	0.013
3/4/2024	<0.0025	<0.0025	<0.0025	<0.0025	0.0067
8/8/2024	<0.0025	<0.0025	<0.0025	<0.0025	0.01
2/25/2025					0.012
2/26/2025	<0.0025	<0.0025	<0.0025	<0.0025	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Copper (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
12/20/2010			0.0021 (J)	<0.002	0.0065 (J)		
12/21/2010						0.0084 (J)	<0.002
12/22/2010	<0.002	<0.002					
2/1/2011				<0.002	0.018		
2/14/2011	<0.002	<0.002	<0.002			0.013 (O)	<0.002
3/21/2011			<0.002	<0.002			<0.002
3/22/2011	<0.002	<0.002					
3/23/2011					0.022	0.0061 (J)	
4/26/2011	<0.002	<0.002	<0.002	<0.002			<0.002
4/27/2011					0.02	<0.002	
10/25/2011						0.002 (J)	
10/26/2011			<0.002		0.0025 (J)		<0.002
10/27/2011	<0.002	<0.002		<0.002			
5/1/2012	<0.002	<0.002	<0.002		0.0022 (I)	0.0027 (I)	
5/2/2012				<0.002			<0.002
11/8/2012	<0.002	<0.002	0.0034 (J)	0.021 (O)	0.015	<0.002	<0.002
5/7/2013	<0.002	<0.002		<0.002	0.02	0.0039 (J)	
5/8/2013			<0.002				<0.002
11/4/2013	<0.002	<0.002	<0.002	<0.002			
11/5/2013					0.014	<0.002	<0.002
5/23/2014					0.06 (O)	0.0029 (J)	<0.002
5/24/2014	<0.002	<0.002	<0.002	<0.002			
11/7/2014			0.002 (J)	<0.002	0.0032 (J)	<0.002	<0.002
11/8/2014	<0.002	<0.002					
5/20/2015			0.0024 (J)	<0.002			
5/21/2015	0.0028 (JO)	0.003 (J)			0.017 (JV)	0.0031 (J)	<0.002
11/12/2015					0.01 (J)	<0.002	<0.002
11/13/2015	<0.002	0.078 (O)	<0.002	<0.002			
4/6/2016	<0.002						
4/7/2016			<0.002	<0.002		<0.002	<0.002
4/8/2016		<0.002			<0.002		
10/10/2016			<0.002	<0.002			
10/11/2016	<0.002	<0.002			0.0051		<0.002
10/14/2016						0.0024 (J)	
4/7/2017		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
4/10/2017	<0.002						
10/9/2017	<0.002	<0.002					
10/10/2017			<0.002	<0.002	<0.002	<0.002	<0.002
3/22/2018			<0.002		<0.002		<0.002
3/23/2018				<0.002		<0.002	
3/26/2018	<0.002	<0.002					
10/3/2018	<0.002	<0.002	<0.002			<0.002	<0.002
10/4/2018				<0.002			
10/5/2018					<0.002		
3/27/2019	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
9/12/2019	<0.002	<0.002	<0.002	<0.002	<0.002	0.00083 (J)	<0.002
3/19/2020	<0.002	<0.002	0.00072 (J)	<0.002		0.0022	<0.002
3/20/2020					0.0011 (J)		
9/10/2020	0.0023	<0.002					<0.002
9/11/2020			0.002	<0.002	<0.002	<0.002	
4/2/2021	<0.002	<0.002	<0.002				
4/5/2021				<0.002	0.0019 (J)	0.00093 (J)	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Copper (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
4/6/2021							<0.002
8/12/2021	0.00066 (J)	<0.002	<0.002	<0.002		<0.002	0.0031
8/13/2021					<0.002		
2/14/2022	<0.002		<0.002	<0.002	<0.002	<0.002	0.0014 (J)
2/15/2022		0.0015 (J)					
8/26/2022	<0.002	<0.002					
8/30/2022							<0.002
8/31/2022			<0.002	<0.002	<0.002	<0.002	
2/28/2023	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	
3/1/2023							0.0011 (J)
8/2/2023	<0.002						
8/3/2023		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
2/29/2024	<0.002						
3/4/2024		0.0025	0.0068	<0.002	<0.002	<0.002	<0.002
8/6/2024	<0.002						
8/8/2024		<0.002	<0.002	<0.002	<0.002	<0.002	
8/9/2024							<0.002
2/25/2025	<0.002	<0.002					
2/26/2025			<0.002	<0.002	<0.002	<0.002	<0.002

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Copper (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010					<0.002
12/21/2010				<0.002	
12/22/2010	<0.002	<0.002	<0.002		
2/14/2011					<0.002
2/15/2011	<0.002	<0.002	<0.002	<0.002	
3/21/2011				<0.002	<0.002
3/22/2011	<0.002	<0.002	<0.002		
4/27/2011	<0.002	<0.002	<0.002		<0.002
4/28/2011				<0.002	
10/26/2011	<0.002	<0.002	<0.002	<0.002	<0.002
5/1/2012				<0.002	<0.002
5/2/2012	<0.002	<0.002	<0.002		
11/8/2012	<0.002	<0.002	<0.002		
11/9/2012				<0.002	<0.002
5/8/2013	<0.002	<0.002	<0.002	<0.002	<0.002
11/4/2013	<0.002	<0.002	<0.002	<0.002	<0.002
5/24/2014	<0.002	<0.002	<0.002	<0.002	<0.002
11/7/2014	<0.002		<0.002	<0.002	<0.002
11/8/2014		<0.002			
5/20/2015					<0.002
5/22/2015	0.0031 (JO)	0.0031 (JO)	<0.002	<0.002	
11/13/2015	<0.002	<0.002	<0.002	<0.002	<0.002
4/8/2016					<0.002
4/11/2016	<0.002	<0.002	<0.002	<0.002	
10/11/2016	<0.002	<0.002			
10/13/2016			<0.002	<0.002	<0.002
4/7/2017		<0.002			
4/10/2017	<0.002		<0.002		
4/11/2017				<0.002	<0.002
10/10/2017	<0.002	<0.002			
10/11/2017			<0.002	<0.002	<0.002
3/23/2018		<0.002			
3/26/2018	<0.002		<0.002	<0.002	<0.002
10/4/2018	<0.002	<0.002	<0.002	<0.002	<0.002
3/27/2019			<0.002		
3/28/2019	<0.002	<0.002		<0.002	<0.002
9/12/2019	<0.002	<0.002	<0.002	<0.002	<0.002
3/19/2020	<0.002	<0.002	<0.002	<0.002	<0.002
9/10/2020	<0.002	<0.002			
9/11/2020			0.0013 (J)	<0.002	<0.002
4/5/2021			<0.002	<0.002	
4/6/2021	<0.002	<0.002			<0.002
8/13/2021	<0.002	0.0046	0.0025		<0.002
8/17/2021				<0.002	
2/14/2022	<0.002	0.0013 (J)		<0.002	<0.002
2/15/2022			<0.002		
8/31/2022	<0.002	<0.002	<0.002	<0.002	<0.002
2/28/2023			<0.002		<0.002
3/1/2023	<0.002	<0.002		<0.002	
8/3/2023	<0.002	<0.002	0.0012 (J)	<0.002	<0.002
3/4/2024	<0.002	<0.002	<0.002	<0.002	<0.002
8/8/2024	<0.002	<0.002	<0.002	<0.002	<0.002

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Copper (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
2/25/2025					<0.002
2/26/2025	<0.002	<0.002	<0.002	<0.002	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Fluoride (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
4/6/2016	0.035 (J)						
4/7/2016			0.035 (J)	0.024 (J)		0.044 (J)	0.041 (J)
4/8/2016		0.042 (J)			0.047 (J)		
6/14/2016	<0.1	<0.1	<0.1	<0.1	<0.1		<0.1
6/17/2016						<0.1 (D)	
8/9/2016		<0.1	<0.1	<0.1	<0.1		<0.1
8/10/2016	<0.1					<0.1	
10/10/2016			<0.1	<0.1			
10/11/2016	<0.1	<0.1			<0.1		<0.1
10/14/2016						<0.1	
12/2/2016	<0.1		<0.1	<0.1			<0.1
12/5/2016		<0.1			<0.1		
12/19/2016						0.1 (J)	
2/9/2017			<0.1				<0.1
2/10/2017	<0.1	<0.1		<0.1	<0.1		
2/13/2017						<0.1	
4/7/2017		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
4/10/2017	<0.1						
6/22/2017			<0.1		<0.1	<0.1	<0.1
6/23/2017	<0.1			<0.1			
6/26/2017		<0.1					
10/9/2017	<0.1	<0.1					
10/10/2017			<0.1	<0.1	<0.1	<0.1	<0.1
3/22/2018			<0.1		<0.1		<0.1
3/23/2018				<0.1		<0.1	
3/26/2018	<0.1	<0.1					
10/3/2018	<0.1	<0.1	<0.1			<0.1	<0.1
10/4/2018				<0.1			
10/5/2018					<0.1		
3/27/2019	0.035 (J)	0.036 (J)	<0.1	0.033 (J)	0.041 (J)	0.04 (J)	0.037 (J)
9/12/2019	0.04 (J)	0.043 (J)	0.026 (J)	<0.1	0.041 (J)	0.044 (J)	0.042 (J)
3/19/2020	0.059 (J)	0.054 (J)	0.041 (J)	<0.1		0.049 (J)	0.044 (J)
3/20/2020					<0.1		
9/10/2020	0.044 (J)	0.034 (J)					0.036 (J)
9/11/2020			<0.1	<0.1	0.034 (J)	0.035 (J)	
4/2/2021	0.028 (J)	0.032 (J)	<0.1				
4/5/2021				0.039 (J)	0.038 (J)	0.031 (J)	
4/6/2021							0.03 (J)
8/12/2021	0.04 (J)	0.028 (J)	<0.1	0.11		0.052 (J)	0.058 (J)
8/13/2021					0.09 (J)		
2/14/2022	0.058 (J)		0.052 (J)	0.05 (J)	0.068 (J)	0.056 (J)	0.07 (J)
2/15/2022		0.088 (J)					
8/26/2022	0.092 (J)	0.028 (J)					
8/30/2022							0.044 (J)
8/31/2022			0.033 (J)	0.033 (J)	0.056 (J)	0.053 (J)	
2/28/2023	0.076 (J)	0.071 (J)	0.069 (J)	0.05 (J)	0.059 (J)	0.079 (J)	
3/1/2023							0.036 (J)
8/2/2023	0.044 (J)						
8/3/2023		0.042 (J)	<0.1	<0.1	0.047 (J)	0.045 (J)	0.044 (J)
2/29/2024	<0.1						
3/4/2024		<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
8/6/2024	<0.1						

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Fluoride (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
8/8/2024		<0.1	<0.1	<0.1	<0.1	<0.1	
8/9/2024							<0.1
2/25/2025	<0.1	<0.1					
2/26/2025			<0.1	<0.1	<0.1	<0.1	<0.1

Time Series

Constituent: Fluoride (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
4/8/2016					<0.1
4/11/2016	0.033 (J)	0.027 (J)	0.027 (J)	<0.1	
6/15/2016	<0.1	<0.1			
6/16/2016			<0.1	<0.1	<0.1
8/10/2016	<0.1	<0.1	<0.1		
8/11/2016				<0.1	<0.1
10/11/2016	<0.1	<0.1			
10/13/2016			<0.1	<0.1	<0.1
12/2/2016		<0.1			
12/5/2016	<0.1		<0.1	<0.1	
12/6/2016					<0.1
2/13/2017	<0.1	<0.1	<0.1	<0.1	<0.1
4/7/2017		<0.1			
4/10/2017	<0.1		<0.1		
4/11/2017				<0.1	<0.1
6/22/2017		<0.1			
6/23/2017	<0.1		<0.1		
6/24/2017				<0.1	<0.1
10/10/2017	<0.1	<0.1			
10/11/2017			<0.1	<0.1	<0.1
3/23/2018		<0.1			
3/26/2018	<0.1		<0.1	<0.1	<0.1
10/4/2018	<0.1	<0.1	<0.1	<0.1	<0.1
3/27/2019			<0.1		
3/28/2019	0.033 (J)	0.042 (J)		0.039 (J)	<0.1
9/12/2019	0.042 (J)	0.028 (J)	0.028 (J)	0.042 (J)	<0.1
3/19/2020	0.042 (J)	0.039 (J)	0.037 (J)	0.053 (J)	<0.1
9/10/2020	0.04 (J)	<0.1			
9/11/2020			0.049 (J)	0.041 (J)	<0.1
4/5/2021			<0.1	0.05 (J)	
4/6/2021	0.031 (J)	<0.1			<0.1
8/13/2021	0.065 (JF1)	0.048 (J)	0.043 (J)		0.034 (J)
8/17/2021				0.094 (JF1)	
2/14/2022	0.074 (J)	0.057 (J)		0.055 (J)	0.041 (J)
2/15/2022			0.06 (J)		
8/31/2022	0.082 (J)	0.065 (J)	0.066 (J)	0.053 (J)	0.055 (J)
2/28/2023			0.074 (J)		0.031 (J)
3/1/2023	0.042 (J)	0.029 (J)		0.066 (J)	
8/3/2023	0.06 (J)	<0.1	<0.1	0.046 (J)	<0.1
3/4/2024	<0.1	<0.1	<0.1	<0.1	<0.1
8/8/2024	<0.1	<0.1	<0.1	<0.1	<0.1
2/25/2025					<0.1
2/26/2025	<0.1	<0.1	<0.1	<0.1	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
12/20/2010			<0.001	<0.001	<0.001		
12/21/2010						<0.001	<0.001
12/22/2010	<0.001	<0.001					
2/1/2011				<0.001	0.0027 (J)		
2/14/2011	0.0028 (J)	<0.001	0.0024 (J)			0.0029 (J)	0.0032 (J)
3/21/2011			<0.001	<0.001			0.0038 (J)
3/22/2011	0.0021 (J)	0.002 (J)					
3/23/2011					0.0041 (J)	0.0028 (J)	
4/26/2011	0.003 (I)	0.0025 (I)	0.0027 (I)	0.0024 (I)			0.0046 (I)
4/27/2011					0.0054	0.0038 (I)	
10/25/2011						0.0043 (J)	
10/26/2011			0.0026 (J)		<0.001		0.0024 (J)
10/27/2011	0.0028 (J)	0.0033 (J)		0.0025 (J)			
5/1/2012	<0.001	<0.001	<0.001		<0.001	<0.001	
5/2/2012				<0.001			<0.001
11/8/2012	<0.001	<0.001	0.0023 (J)	0.003 (J)	0.0022 (J)	<0.001	0.0021 (J)
5/7/2013	0.0044 (J)	0.0048 (J)		0.0029 (J)	0.0062	0.0064	
5/8/2013			0.0026 (J)				0.006
11/4/2013	<0.001	<0.001	<0.001	<0.001			
11/5/2013					<0.001	<0.001	0.0023 (J)
5/23/2014					0.0026 (J)	<0.001	<0.001
5/24/2014	<0.001	<0.001	<0.001	<0.001			
11/7/2014			<0.001	<0.001	0.0022 (J)	0.0026 (J)	<0.001
11/8/2014	<0.001	0.0021 (J)					
5/20/2015			0.005 (J)	0.0037 (J)			
5/21/2015	0.0032 (J)	0.002 (J)			0.0049 (J)	0.0038 (J)	0.0062 (J)
11/12/2015					<0.001	0.0021 (J)	0.0035 (J)
11/13/2015	<0.001	<0.001	0.0031 (J)	<0.001			
4/6/2016	<0.001						
4/7/2016			<0.001	<0.001		<0.001	<0.001
4/8/2016		<0.001			<0.001		
6/14/2016	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001
6/17/2016						<0.001	
8/9/2016		<0.001	<0.001	<0.001	<0.001		<0.001
8/10/2016	<0.001					<0.001	
10/10/2016			<0.001	<0.001			
10/11/2016	<0.001	<0.001			<0.001		<0.001
10/14/2016						<0.001	
12/2/2016	<0.001		<0.001	<0.001			<0.001
12/5/2016		<0.001			<0.001		
12/19/2016						<0.001	
2/9/2017			<0.001				<0.001
2/10/2017	<0.001	<0.001		<0.001	<0.001		
2/13/2017						<0.001	
4/7/2017		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
4/10/2017	<0.001						
6/22/2017			<0.001		<0.001	<0.001	<0.001
6/23/2017	<0.001			<0.001			
6/26/2017		<0.001					
10/9/2017	<0.001	<0.001					
10/10/2017			<0.001	<0.001	<0.001	<0.001	<0.001
3/22/2018			<0.001		0.00096 (J)		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
3/23/2018				<0.001		<0.001	
3/26/2018	<0.001	<0.001					
10/3/2018	<0.001	<0.001	<0.001			<0.001	<0.001
10/4/2018				<0.001			
10/5/2018					<0.001		
3/27/2019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
9/12/2019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
3/19/2020	<0.001	<0.001	0.00019 (J)	<0.001		0.0002 (J)	<0.001
3/20/2020					<0.001		
9/10/2020	0.0022	<0.001					<0.001
9/11/2020			0.0016	<0.001	<0.001	<0.001	
4/2/2021	<0.001	0.00018 (J)	<0.001				
4/5/2021				<0.001	<0.001	<0.001	
4/6/2021							<0.001
8/12/2021	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001
8/13/2021					<0.001		
2/14/2022	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001
2/15/2022		0.00025 (J)					
8/26/2022	<0.001	<0.001					
8/30/2022							<0.001
8/31/2022			<0.001	<0.001	<0.001	<0.001	
2/28/2023	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
3/1/2023							<0.001
8/2/2023	<0.001						
8/3/2023		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2/29/2024	0.00023 (J)						
3/4/2024		0.002	<0.001	<0.001	<0.001	<0.001	0.00043 (J)
8/6/2024	<0.001						
8/8/2024		<0.001	<0.001	<0.001	<0.001	<0.001	
8/9/2024							<0.001
2/25/2025	<0.001	<0.001					
2/26/2025			<0.001	<0.001	<0.001	<0.001	<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010					<0.001
12/21/2010				<0.001	
12/22/2010	<0.001	<0.001	<0.001		
2/14/2011					<0.001
2/15/2011	0.0021 (J)	0.0028 (J)	0.0032 (J)	0.0034 (J)	
3/21/2011				0.004 (J)	<0.001
3/22/2011	0.0027 (J)	0.0022 (J)	0.0024 (J)		
4/27/2011	0.0024 (I)	0.0033 (I)	0.0033 (I)		<0.001
4/28/2011				0.0036 (I)	
10/26/2011	0.0021 (J)	0.0028 (J)	0.0023 (J)	0.0038 (J)	<0.001
5/1/2012				<0.001	<0.001
5/2/2012	<0.001	<0.001	<0.001		
11/8/2012	<0.001	<0.001	<0.001		
11/9/2012				<0.001	<0.001
5/8/2013	0.0035 (J)	0.0043 (J)	0.0035 (J)	0.0059	<0.001
11/4/2013	<0.001	<0.001	<0.001	0.0027 (J)	<0.001
5/24/2014	<0.001	<0.001	<0.001	<0.001	<0.001
11/7/2014	<0.001		<0.001	<0.001	<0.001
11/8/2014		<0.001			
5/20/2015					0.0026 (JO)
5/22/2015	0.0038 (J)	0.0042 (J)	0.0035 (J)	0.006 (J)	
11/13/2015	<0.001	<0.001	<0.001	0.0024 (J)	<0.001
4/8/2016					<0.001
4/11/2016	<0.001	<0.001	<0.001	<0.001	
6/15/2016	<0.001	<0.001			
6/16/2016			<0.001	<0.001	<0.001
8/10/2016	<0.001	<0.001	<0.001		
8/11/2016				<0.001	<0.001
10/11/2016	<0.001	<0.001			
10/13/2016			<0.001	<0.001	<0.001
12/2/2016		<0.001			
12/5/2016	<0.001		<0.001	<0.001	
12/6/2016					<0.001
2/13/2017	<0.001	<0.001	<0.001	<0.001	<0.001
4/7/2017		<0.001			
4/10/2017	<0.001		<0.001		
4/11/2017				<0.001	<0.001
6/22/2017		<0.001			
6/23/2017	<0.001		<0.001		
6/24/2017				<0.001	<0.001
10/10/2017	<0.001	<0.001			
10/11/2017			0.00041 (J)	<0.001	<0.001
3/23/2018		<0.001			
3/26/2018	<0.001		<0.001	0.0034 (O)	<0.001
10/4/2018	<0.001	<0.001	<0.001	<0.001	<0.001
3/27/2019			<0.001		
3/28/2019	<0.001	<0.001		<0.001	<0.001
9/12/2019	<0.001	<0.001	<0.001	<0.001	<0.001
3/19/2020	<0.001	<0.001	<0.001	<0.001	<0.001
9/10/2020	<0.001	<0.001			
9/11/2020			0.0015	<0.001	<0.001
4/5/2021			<0.001	<0.001	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Lead (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
4/6/2021	<0.001	<0.001			<0.001
8/13/2021	<0.001	0.00054 (J)	0.00022 (J)		0.00017 (J)
8/17/2021				<0.001	
2/14/2022	<0.001	0.00019 (J)		<0.001	<0.001
2/15/2022			<0.001		
8/31/2022	<0.001	<0.001	<0.001	<0.001	<0.001
2/28/2023			<0.001		<0.001
3/1/2023	<0.001	<0.001		<0.001	
8/3/2023	<0.001	<0.001	<0.001	<0.001	<0.001
3/4/2024	<0.001	<0.001	<0.001	<0.001	<0.001
8/8/2024	<0.001	<0.001	<0.001	<0.001	<0.001
2/25/2025					<0.001
2/26/2025	<0.001	<0.001	<0.001	<0.001	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Mercury (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
12/20/2010			<0.0002	<0.0002	<0.0002		
12/21/2010						<0.0002	<0.0002
12/22/2010	<0.0002	<0.0002					
2/1/2011				<0.0002	<0.0002		
2/14/2011	<0.0002	<0.0002	<0.0002			<0.0002	<0.0002
3/21/2011			<0.0002	<0.0002			<0.0002
3/22/2011	<0.0002	<0.0002					
3/23/2011					<0.0002	<0.0002	
4/26/2011	<0.0002	<0.0002	<0.0002	<0.0002			<0.0002
4/27/2011					<0.0002	<0.0002	
10/25/2011						<0.0002	
10/26/2011			<0.0002		<0.0002		<0.0002
10/27/2011	<0.0002	<0.0002		<0.0002			
5/1/2012	<0.0002	<0.0002	<0.0002		<0.0002	<0.0002	
5/2/2012				<0.0002			<0.0002
11/8/2012	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
5/7/2013	<0.0002	<0.0002		0.00011 (J)	8.1E-05 (J)	8.4E-05 (J)	
5/8/2013			<0.0002				<0.0002
11/4/2013	<0.0002	<0.0002	<0.0002	<0.0002			
11/5/2013					<0.0002	<0.0002	<0.0002
5/23/2014					<0.0002	<0.0002	<0.0002
5/24/2014	<0.0002	<0.0002	<0.0002	<0.0002			
11/7/2014			<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
11/8/2014	<0.0002	<0.0002					
5/20/2015			<0.0002	<0.0002			
5/21/2015	<0.0002	<0.0002			<0.0002	<0.0002	<0.0002
11/12/2015					<0.0002	<0.0002	<0.0002
11/13/2015	<0.0002	<0.0002	<0.0002	<0.0002			
4/6/2016	<0.0002						
4/7/2016			<0.0002	<0.0002		<0.0002	<0.0002
4/8/2016		<0.0002			<0.0002		
6/14/2016	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002		<0.0002
6/17/2016						<0.0002	
8/9/2016		<0.0002	8.1E-05 (J)	8.1E-05 (J)	8.1E-05 (J)		8.5E-05 (J)
8/10/2016	8.2E-05 (J)					0.00011 (JB)	
10/10/2016			0.00013 (JB)	8.8E-05 (JB)			
10/11/2016	9E-05 (JB)	9.1E-05 (JB)			8.1E-05 (JB)		9E-05 (JB)
10/14/2016						<0.0002	
12/2/2016	<0.0002		<0.0002	<0.0002			<0.0002
12/5/2016		0.00011 (JB)			0.00011 (JB)		
12/19/2016						<0.0002	
2/9/2017			<0.0002				<0.0002
2/10/2017	<0.0002	<0.0002		<0.0002	<0.0002		
2/13/2017						<0.0002	
4/7/2017		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
4/10/2017	<0.0002						
6/22/2017			<0.0002		<0.0002	<0.0002	<0.0002
6/23/2017	<0.0002			<0.0002			
6/26/2017		<0.0002					
10/9/2017	8.7E-05 (JB)	8.7E-05 (JB)					
10/10/2017			8.9E-05 (JB)	8.8E-05 (JB)	9.2E-05 (JB)	9.2E-05 (JB)	8.8E-05 (JB)
3/22/2018			<0.0002		<0.0002		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Mercury (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
3/23/2018				<0.0002		<0.0002	
3/26/2018	7E-05 (JB)	<0.0002					
10/3/2018	8.8E-05 (JB)	0.0001425 (JBD)	0.0001415 (JBD)			0.0001415 (JBD)	0.00014 (JBD)
10/4/2018				<0.0002			
10/5/2018					<0.0002		
3/27/2019	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
9/12/2019	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
3/19/2020	<0.0002	<0.0002	<0.0002	<0.0002		<0.0002	<0.0002
3/20/2020					<0.0002		
9/10/2020	<0.0002	<0.0002					<0.0002
9/11/2020			<0.0002	<0.0002	<0.0002	<0.0002	
4/2/2021	<0.0002	<0.0002	<0.0002				
4/5/2021				<0.0002	<0.0002	<0.0002	
4/6/2021							<0.0002
8/12/2021	<0.0002	<0.0002	<0.0002	<0.0002		<0.0002	<0.0002
8/13/2021					<0.0002		
2/14/2022	<0.0002		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
2/15/2022		<0.0002					
8/26/2022	<0.0002	<0.0002					
8/30/2022							<0.0002
8/31/2022			<0.0002	<0.0002	<0.0002	<0.0002	
2/28/2023	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	
3/1/2023							<0.0002
8/2/2023	<0.0002						
8/3/2023		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
2/29/2024	<0.0002						
3/4/2024		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
8/6/2024	<0.0002						
8/8/2024		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	
8/9/2024							<0.0002
2/25/2025	<0.0002	<0.0002					
2/26/2025			<0.0002	<0.0002	<0.0002	<0.0002	<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Mercury (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010					<0.0002
12/21/2010				<0.0002	
12/22/2010	<0.0002	<0.0002	<0.0002		
2/14/2011					<0.0002
2/15/2011	<0.0002	<0.0002	<0.0002	<0.0002	
3/21/2011				<0.0002	<0.0002
3/22/2011	<0.0002	<0.0002	<0.0002		
4/27/2011	<0.0002	<0.0002	<0.0002		<0.0002
4/28/2011				<0.0002	
10/26/2011	<0.0002	<0.0002	<0.0002	8.2E-05 (J)	<0.0002
5/1/2012				<0.0002	<0.0002
5/2/2012	<0.0002	<0.0002	<0.0002		
11/8/2012	<0.0002	<0.0002	<0.0002		
11/9/2012				<0.0002	<0.0002
5/8/2013	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
11/4/2013	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
5/24/2014	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
11/7/2014	<0.0002		<0.0002	<0.0002	<0.0002
11/8/2014		<0.0002			
5/20/2015					<0.0002
5/22/2015	<0.0002	<0.0002	<0.0002	<0.0002	
11/13/2015	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
4/8/2016					<0.0002
4/11/2016	<0.0002	<0.0002	<0.0002	<0.0002	
6/15/2016	<0.0002	<0.0002			
6/16/2016			<0.0002	<0.0002	<0.0002
8/10/2016	8.5E-05 (JB)	7.9E-05 (JB)	9E-05 (J)		
8/11/2016				0.00011 (JB)	9.5E-05 (JB)
10/11/2016	9.2E-05 (JB)	0.00011 (JB)			
10/13/2016			<0.0002	<0.0002	<0.0002
12/2/2016		<0.0002			
12/5/2016	0.0001 (JB)		0.00011 (JB)	0.00013 (JB)	
12/6/2016					0.00011 (JB)
2/13/2017	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
4/7/2017		<0.0002			
4/10/2017	<0.0002		<0.0002		
4/11/2017				<0.0002	<0.0002
6/22/2017		<0.0002			
6/23/2017	<0.0002		<0.0002		
6/24/2017				<0.0002	<0.0002
10/10/2017	9.1E-05 (JB)	8.9E-05 (JB)			
10/11/2017			<0.0002	<0.0002	<0.0002
3/23/2018		7.6E-05 (JB)			
3/26/2018	<0.0002		<0.0002	<0.0002	7.6E-05 (JB)
10/4/2018	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
3/27/2019			<0.0002		
3/28/2019	<0.0002	<0.0002		<0.0002	<0.0002
9/12/2019	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
3/19/2020	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
9/10/2020	<0.0002	<0.0002			
9/11/2020			<0.0002	<0.0002	<0.0002
4/5/2021			<0.0002	<0.0002	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Mercury (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
4/6/2021	<0.0002	<0.0002			<0.0002
8/13/2021	<0.0002	<0.0002	<0.0002		<0.0002
8/17/2021				<0.0002	
2/14/2022	<0.0002	<0.0002		<0.0002	<0.0002
2/15/2022			<0.0002		
8/31/2022	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
2/28/2023			<0.0002		<0.0002
3/1/2023	<0.0002	<0.0002		<0.0002	
8/3/2023	<0.0002	<0.0002	<0.0002	9E-05 (J)	<0.0002
3/4/2024	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
8/8/2024	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
2/25/2025					<0.0002
2/26/2025	<0.0002	<0.0002	<0.0002	<0.0002	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Nickel (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
12/20/2010			<0.001	<0.001	0.003 (J)		
12/21/2010						0.0052	<0.001
12/22/2010	<0.001	0.003 (JO)					
2/1/2011				<0.001	0.0072		
2/14/2011	<0.001	<0.001	<0.001			0.016	<0.001
3/21/2011			<0.001	<0.001			<0.001
3/22/2011	<0.001	<0.001					
3/23/2011					<0.001	<0.001	
4/26/2011	<0.001	<0.001	<0.001	<0.001			<0.001
4/27/2011					0.003 (I)	<0.001	
10/25/2011						<0.001	
10/26/2011			<0.001		<0.001		<0.001
10/27/2011	<0.001	<0.001		<0.001			
5/1/2012	<0.001	<0.001	<0.001		<0.001	0.0035 (I)	
5/2/2012				<0.001			<0.001
11/8/2012	<0.001	<0.001	<0.001	0.0035 (JO)	0.0066	0.0046 (J)	<0.001
5/7/2013	<0.001	<0.001		<0.001	0.022	0.0087	
5/8/2013			<0.001				<0.001
11/4/2013	<0.001	<0.001	<0.001	<0.001			
11/5/2013					0.0093	0.0036 (J)	<0.001
5/23/2014					0.0045 (J)	<0.001	<0.001
5/24/2014	<0.001	<0.001	<0.001	<0.001			
11/7/2014			<0.001	<0.001	0.0049 (J)	0.0064	<0.001
11/8/2014	<0.001	<0.001					
5/20/2015			<0.001	<0.001			
5/21/2015	<0.001	<0.001			0.012	0.0045 (J)	<0.001
11/12/2015					0.019	0.0036 (J)	<0.001
11/13/2015	<0.001	<0.001	<0.001	<0.001			
4/6/2016	<0.001						
4/7/2016			<0.001	<0.001		<0.001	<0.001
4/8/2016		<0.001			<0.001		
10/10/2016			<0.001	<0.001			
10/11/2016	<0.001	<0.001			<0.001		<0.001
10/14/2016						<0.001	
4/7/2017		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
4/10/2017	<0.001						
10/9/2017	0.0024 (JO)	<0.001					
10/10/2017			<0.001	<0.001	<0.001	<0.001	<0.001
3/22/2018			<0.001		<0.001		<0.001
3/23/2018				<0.001		<0.001	
3/26/2018	<0.001	<0.001					
10/3/2018	<0.001	<0.001	<0.001			<0.001	<0.001
10/4/2018				<0.001			
10/5/2018					<0.001		
3/27/2019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
9/12/2019	0.00097 (J)	<0.001	0.00061 (J)	0.0004 (J)	<0.001	<0.001	0.00043 (J)
3/19/2020	0.00037 (J)	<0.001	0.00074 (J)	<0.001		0.0004 (J)	<0.001
3/20/2020					<0.001		
9/10/2020	0.00095 (J)	<0.001					0.00062 (J)
9/11/2020			0.001	<0.001	<0.001	<0.001	
4/2/2021	0.00046 (J)	0.00049 (J)	0.00077 (J)				
4/5/2021				<0.001	<0.001	0.00034 (J)	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Nickel (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
4/6/2021							<0.001
8/12/2021	0.0011	0.00042 (J)	0.00092 (J)	<0.001		<0.001	0.0019
8/13/2021					<0.001		
2/14/2022	<0.001		<0.001	<0.001	<0.001	<0.001	0.00088 (J)
2/15/2022		0.0014					
8/26/2022	0.0012 (B)	0.00065 (JB)					
8/30/2022							0.00074 (JB)
8/31/2022			0.00065 (JB)	0.00056 (JB)	<0.001	<0.001	
2/28/2023	0.0015	0.00091 (J)	0.00064 (J)	<0.001	<0.001	<0.001	
3/1/2023							<0.001
8/2/2023	0.00086 (J)						
8/3/2023		0.00067 (J)	0.00067 (J)	0.00045 (J)	<0.001	<0.001	0.00046 (J)
2/29/2024	0.00097 (J)						
3/4/2024		0.00055 (J)	0.0011	<0.001	<0.001	<0.001	<0.001
8/6/2024	0.00096 (J)						
8/8/2024		<0.001	0.00048 (J)	<0.001	<0.001	<0.001	
8/9/2024							<0.001
2/25/2025	0.00099 (J)	<0.001					
2/26/2025			0.00053 (J)	0.00049 (J)	<0.001	<0.001	<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Nickel (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010					0.006
12/21/2010				<0.001	
12/22/2010	<0.005	<0.0025	<0.0025		
2/14/2011					0.0067
2/15/2011	<0.005	<0.0025	<0.0025	<0.001	
3/21/2011				<0.001	0.0066
3/22/2011	<0.005	<0.0025	<0.0025		
4/27/2011	<0.005	<0.0025	<0.0025		0.0077
4/28/2011				<0.001	
10/26/2011	<0.005	<0.0025	<0.0025	<0.001	0.0063
5/1/2012				<0.001	0.0068
5/2/2012	<0.005	<0.0025	<0.0025		
11/8/2012	<0.005	<0.0025	<0.0025		
11/9/2012				<0.001	0.0067
5/8/2013	<0.005	<0.0025	<0.0025	<0.001	0.0066
11/4/2013	<0.005	<0.0025	<0.0025	<0.001	0.0072
5/24/2014	<0.005	<0.0025	<0.0025	<0.001	0.0053
11/7/2014	<0.005		<0.0025	<0.001	0.0052
11/8/2014		<0.0025			
5/20/2015					0.0067
5/22/2015	0.0032 (J)	<0.0025	<0.0025	<0.001	
11/13/2015	<0.005	<0.0025	<0.0025	<0.001	0.0063
4/8/2016					0.0076 (J)
4/11/2016	0.00388 (J)	<0.0025	<0.0025	<0.001	
10/11/2016	0.0047	<0.0025			
10/13/2016			<0.0025	<0.001	0.0073
4/7/2017		<0.0025			
4/10/2017	0.0042		<0.0025		
4/11/2017				<0.001	0.0075
10/10/2017	0.0037	<0.0025			
10/11/2017			0.0018 (J)	<0.001	0.0072
3/23/2018		<0.0025			
3/26/2018	0.0037		0.0021 (J)	<0.001	0.0075
10/4/2018	0.0037	<0.0025	0.0024 (J)	<0.001	0.0073
3/27/2019			0.0024 (J)		
3/28/2019	0.0038	<0.0025		<0.001	0.0069
9/12/2019	0.0035	0.0012	0.0019	<0.001	0.007
3/19/2020	0.0039	0.0015	0.0021	<0.001	0.007
9/10/2020	0.0035	0.0017			
9/11/2020			0.002	<0.001	0.0074
4/5/2021			0.002	<0.001	
4/6/2021	0.0042 (B)	0.0019 (B)			0.0072 (B)
8/13/2021	0.0037	0.0036	0.0034		0.0073
8/17/2021				<0.001	
2/14/2022	0.0034	0.0026		<0.001	0.0071
2/15/2022			0.0024		
8/31/2022	0.0033 (B)	0.0031 (B)	0.0025 (B)	<0.001	0.0069 (B)
2/28/2023			0.0028		0.0073
3/1/2023	0.0038	0.0073		<0.001	
8/3/2023	0.0031	0.0033	0.0028	<0.001	0.0071
3/4/2024	0.0028	0.0029	0.0024	<0.001	0.0077
8/8/2024	0.0025	0.003	0.0027	<0.001	0.0077

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Nickel (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
2/25/2025					0.0078
2/26/2025	0.0027	0.0032	0.0024	<0.001	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: pH, Field (SU) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
12/20/2010			6.21	5.54	6.25		
12/21/2010						6.91	6.68
12/22/2010	5.72	5.97					
2/1/2011				5.55	6.26		
2/14/2011	6.01	6.37	6.17			6.73	6.88
3/21/2011			6.14	5.61			6.58
3/22/2011	5.65	5.83					
3/23/2011					6.36	6.88	
4/26/2011	5.67	5.87	5.91	5.6			6.21
4/27/2011					6.67	6.63	
10/25/2011						6.87	
10/26/2011			6.39		6.41		6.98
10/27/2011	5.95	6.14		5.77			
5/1/2012	5.88	6.2	6.32		6.33	6.76	
5/2/2012				5.72			6.8
11/8/2012	5.82	5.77	6.08	5.83	6.31	6.72	6.88
5/7/2013	5.48	5.94		5.94	6.41	6.79	
5/8/2013			6.34				6.97
11/4/2013	5.97	5.87	6.36	5.94			
11/5/2013					6.6	7.11	6.81
5/23/2014					6.17	6.6	6.58
5/24/2014	5.52	5.83	5.94	5.45			
11/7/2014			6.26 (D)	5.92 (D)	6.54 (D)	6.91 (D)	6.99 (D)
11/8/2014	5.89 (D)	5.92 (D)					
5/20/2015			6	5.8			
5/21/2015	5.64	5.97 (D)			6.41	6.77	6.79
11/12/2015					6.43 (D)	6.81	7 (D)
11/13/2015	5.65 (D)	5.8 (D)	6.02 (D)	5.78 (D)		6.81	
4/6/2016	6						
4/7/2016			6.48	6.83	6.46	6.74	6.85
4/8/2016		6.12			6.45		
6/14/2016	5.75	5.84	6.05	5.82	6.4		6.83
6/17/2016						6.78	
8/1/2016				5.78			
8/9/2016		5.75	6.05	5.78	6.43		6.77
8/10/2016	5.75					6.73	
10/10/2016			6.02	5.78			
10/11/2016	5.8	5.84			6.34		6.83
10/14/2016						6.7	
12/2/2016	5.78		5.95	5.71			6.79
12/5/2016		5.7			6.46	6.71	
2/9/2017			6.24				6.65
2/10/2017	5.83	6.17		5.79	6.33		
2/13/2017						6.56	
4/7/2017		5.99	5.95	5.93	6.38	6.62	6.75
4/10/2017	5.74						
6/22/2017			6.02		6.45	6.76	6.85
6/23/2017	5.83			5.77			
6/26/2017	5.83	5.87					
10/9/2017	5.61	5.52					
10/10/2017			6	5.81	6.44	6.7	6.84
3/22/2018			6.2		6.46		7

Time Series

Constituent: pH, Field (SU) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
3/23/2018				5.89		6.92	
3/26/2018	5.76	6.06					
10/3/2018	5.78	5.83	6.03			6.81	6.93
10/4/2018				5.86			
10/5/2018					6.47		
3/27/2019	5.97	6.04	6.31	5.95	6.52	6.86	6.91
9/12/2019	5.83	5.87		5.83	6.49	6.78	6.82
9/13/2019			5.96				
3/19/2020	5.81	6.14	6.46	5.93	6.39	6.73	6.87
3/20/2020					6.39		
9/10/2020	5.83	5.78					6.91
9/11/2020			5.98	6.02	6.59	6.76	
4/2/2021	6.06	6.03	5.92				
4/5/2021				5.92	6.59	6.78	
4/6/2021							6.87
6/1/2021				5.8	6.46	6.78	
8/12/2021	5.88	5.91	5.92	5.71		6.86	6.86
8/13/2021					6.33		
2/14/2022	5.99		6.31	5.85	6.6	6.93	7.1
2/15/2022		6.4					
8/26/2022	5.73	5.86					
8/30/2022							7.08
8/31/2022			6.03	5.8	6.53	6.91	
10/25/2022			5.99	5.88	6.48	6.81	6.96
11/16/2022			6.02	5.88	6.51	6.83	6.91
2/28/2023	5.81	6.21	5.88	5.91	6.52	6.87	
3/1/2023							6.98
8/2/2023	5.86						
8/3/2023		6.03	5.93	5.84	6.42	6.84	6.88
2/29/2024	5.8						
3/4/2024		6.41	6.54	5.94	6.49	6.86	6.96
8/6/2024	5.76						
8/8/2024		5.93	5.9	5.77	6.34	6.72	
8/9/2024							6.82
11/7/2024			6.19				
2/25/2025	6.07	6.66					
2/26/2025			6.85	5.92	6.5	6.85	6.96

Time Series

Constituent: pH, Field (SU) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010					5.63
12/21/2010				6.52	
12/22/2010	5.62	5.68	5.67		
2/14/2011					5.61
2/15/2011	5.89	6.06	5.98	6.42	
3/21/2011				6.41	5.71
3/22/2011	5.61	5.61	5.74		
4/27/2011	5.53	5.52	5.67		5.71
4/28/2011				6.4	
10/26/2011	5.91	5.99	6	6.81	5.66
5/1/2012				6.74	5.58
5/2/2012	5.95	6	5.96		
11/8/2012	5.72	5.6	5.78		
11/9/2012				6.77	5.53
5/8/2013	6.12	5.89	5.64	6.6	6.14
11/4/2013	5.62	5.51	6	6.9	5.54
5/24/2014	5.62	5.66	5.71	6.5	5.37
11/7/2014			5.95 (D)	6.75 (D)	5.67 (D)
11/8/2014		5.94 (D)			
5/20/2015					5.49
5/22/2015	5.8 (D)	5.79 (D)	5.84 (D)	6.65 (D)	
5/25/2015			8.36 (O)	7.63 (O)	
11/13/2015	5.87 (D)	5.92 (D)	5.82 (D)	6.77 (D)	5.52 (D)
4/8/2016					5.63
4/11/2016	5.84	5.82	5.88	6.64	
6/15/2016	5.82	5.85			
6/16/2016			5.85	6.6	5.56
8/10/2016	5.82	5.85	5.83		
8/11/2016				6.61	5.56
10/11/2016	5.78	5.76			
10/13/2016			5.84	6.64	5.61
12/2/2016		5.76			
12/5/2016	5.72		5.81	6.63	
12/6/2016					5.48
2/13/2017	5.81	5.8	5.76	6.59	5.57
4/7/2017		5.75			
4/10/2017	5.75		5.78		
4/11/2017				6.53	5.52
6/22/2017		5.83			
6/23/2017	5.78		5.82		
6/26/2017				6.6	5.56
10/10/2017	5.82	5.76			
10/11/2017			5.83	6.61	5.51
3/23/2018		5.98			
3/26/2018	5.91		5.98	6.77	5.78
10/4/2018	5.83	5.85	5.85	6.67	5.56
3/27/2019			5.94		
3/28/2019	5.95	5.71		6.71	5.67
9/12/2019	5.98		5.86	6.68	
9/13/2019		5.78			5.55
3/19/2020	5.97	5.78	5.9	6.64	5.65
9/10/2020	6.09	5.78			

Time Series

Constituent: pH, Field (SU) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
9/11/2020			5.84	6.64	5.69
4/5/2021			5.99	6.68	
4/6/2021	6.3	5.76			5.67
6/2/2021			5.87	6.6	
8/13/2021	6.18	5.86	5.92		5.47
8/17/2021				6.63	
2/14/2022	6.29	5.9		6.79	5.65
2/15/2022			6.02		
8/31/2022	6.21	5.85	5.91	6.74	5.59
10/25/2022	6.21	5.89	5.94	6.65	5.64
11/16/2022	6.14	5.81	5.87	6.65	5.65
2/28/2023			5.86		5.66
3/1/2023	6.11	5.69		6.59	
5/2/2023		5.82			
8/3/2023	5.94	5.89	5.86	6.63	5.56
10/4/2023					5.63
3/4/2024	6.52	5.77	5.85	7.01	5.9
5/20/2024					5.61
8/8/2024	6.14	5.74	5.91	6.54	5.58
11/7/2024					5.73
2/25/2025					5.68
2/26/2025	6.54	5.83	6.23	7.03	

Time Series

Constituent: Selenium (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
12/20/2010			<0.005	<0.005	<0.005		
12/21/2010						<0.005	<0.005
12/22/2010	<0.005	<0.005					
2/1/2011				<0.005	<0.005		
2/14/2011	<0.005	<0.005	<0.005			<0.005	<0.005
3/21/2011			<0.005	<0.005			<0.005
3/22/2011	<0.005	<0.005					
3/23/2011					<0.005	<0.005	
4/26/2011	<0.005	<0.005	<0.005	<0.005			<0.005
4/27/2011					<0.005	<0.005	
10/25/2011						<0.005	
10/26/2011			<0.005		<0.005		0.004 (J)
10/27/2011	<0.005	<0.005		<0.005			
5/1/2012	<0.005	<0.005	<0.005		<0.005	<0.005	
5/2/2012				<0.005			<0.005
11/8/2012	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
5/7/2013	<0.005	<0.005		<0.005	<0.005	0.0046 (J)	
5/8/2013			0.0048 (J)				<0.005
11/4/2013	0.0061 (JO)	0.0048 (JV)	<0.005	<0.005			
11/5/2013					0.0064 (JO)	0.0047 (JV)	<0.005
5/23/2014					<0.005	<0.005	<0.005
5/24/2014	<0.005	<0.005	0.0042 (J)	<0.005			
11/7/2014			<0.005	<0.005	<0.005	<0.005	<0.005
11/8/2014	<0.005	<0.005					
5/20/2015			0.0093 (JO)	<0.005			
5/21/2015	0.0072 (JO)	0.0041 (J)			<0.005	0.0077 (JO)	0.0041 (J)
11/12/2015					<0.005	<0.005	<0.005
11/13/2015	<0.005	<0.005	0.0061 (JO)	<0.005			
4/6/2016	<0.005						
4/7/2016			<0.005	<0.005		<0.005	<0.005
4/8/2016		<0.005			<0.005		
6/14/2016	<0.005	<0.005	<0.005	<0.005	<0.005		<0.005
6/17/2016						<0.005	
8/9/2016		<0.005	<0.005	<0.005	<0.005		<0.005
8/10/2016	<0.005					<0.005	
10/10/2016			<0.005	<0.005			
10/11/2016	<0.005	<0.005			<0.005		<0.005
10/14/2016						<0.005	
12/2/2016	<0.005		<0.005	<0.005			<0.005
12/5/2016		<0.005			<0.005		
12/19/2016						<0.005	
2/9/2017			<0.005				<0.005
2/10/2017	<0.005	0.0032		<0.005	<0.005		
2/13/2017						<0.005	
4/7/2017		<0.005	<0.005	<0.005	<0.005	<0.005	0.00092 (J)
4/10/2017	<0.005						
6/22/2017			0.0004 (J)		0.0021	0.00069 (J)	0.0013
6/23/2017	<0.005			<0.005			
6/26/2017		<0.005					
10/9/2017	<0.005	<0.005					
10/10/2017			0.00033 (J)	<0.005	<0.005	<0.005	<0.005
3/22/2018			<0.005		<0.005		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Selenium (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
3/23/2018				<0.005		<0.005	
3/26/2018	<0.005	<0.005					
10/3/2018	<0.005	<0.005	<0.005			<0.005	<0.005
10/4/2018				<0.005			
10/5/2018					<0.005		
3/27/2019	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
9/12/2019	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
3/19/2020	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005
3/20/2020					<0.005		
9/10/2020	<0.005	<0.005					<0.005
9/11/2020			<0.005	<0.005	<0.005	<0.005	
4/2/2021	<0.005	<0.005	<0.005				
4/5/2021				<0.005	<0.005	<0.005	
4/6/2021							<0.005
8/12/2021	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005
8/13/2021					<0.005		
2/14/2022	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005
2/15/2022		<0.005					
8/26/2022	<0.005	<0.005					
8/30/2022							<0.005
8/31/2022			<0.005	<0.005	<0.005	<0.005	
2/28/2023	<0.005	<0.005	0.00076 (J)	<0.005	<0.005	<0.005	
3/1/2023							<0.005
8/2/2023	<0.005						
8/3/2023		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
2/29/2024	<0.005						
3/4/2024		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
8/6/2024	<0.005						
8/8/2024		<0.005	<0.005	<0.005	<0.005	<0.005	
8/9/2024							<0.005
2/25/2025	<0.005	<0.005					
2/26/2025			<0.005	<0.005	<0.005	<0.005	<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Selenium (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010					<0.005
12/21/2010				<0.005	
12/22/2010	<0.005	<0.005	<0.005		
2/14/2011					<0.005
2/15/2011	<0.005	<0.005	<0.005	<0.005	
3/21/2011				<0.005	<0.005
3/22/2011	<0.005	<0.005	<0.005		
4/27/2011	<0.005	<0.005	<0.005		<0.005
4/28/2011				<0.005	
10/26/2011	<0.005	<0.005	<0.005	<0.005	<0.005
5/1/2012				<0.005	<0.005
5/2/2012	<0.005	<0.005	<0.005		
11/8/2012	<0.005	<0.005	<0.005		
11/9/2012				<0.005	<0.005
5/8/2013	<0.005	0.0042 (J)	<0.005	<0.005	<0.005
11/4/2013	<0.005	<0.005	<0.005	0.0049 (JV)	<0.005
5/24/2014	0.0044 (J)	<0.005	<0.005	<0.005	<0.005
11/7/2014	<0.005		<0.005	<0.005	<0.005
11/8/2014		<0.005			
5/20/2015					<0.005
5/22/2015	<0.005	<0.005	<0.005	0.0067 (JO)	
11/13/2015	<0.005	<0.005	<0.005	<0.005	<0.005
4/8/2016					<0.005
4/11/2016	<0.005	<0.005	<0.005	<0.005	
6/15/2016	<0.005	<0.005			
6/16/2016			<0.005	<0.005	<0.005
8/10/2016	<0.005	<0.005	<0.005		
8/11/2016				0.00036 (J)	<0.005
10/11/2016	<0.005	<0.005			
10/13/2016			<0.005	0.00035 (J)	0.00046 (J)
12/2/2016		<0.005			
12/5/2016	<0.005		<0.005	<0.005	
12/6/2016					<0.005
2/13/2017	<0.005	<0.005	<0.005	<0.005	0.0025
4/7/2017		0.0021			
4/10/2017	<0.005		<0.005		
4/11/2017				0.0027	0.00089 (J)
6/22/2017		<0.005			
6/23/2017	<0.005		<0.005		
6/24/2017				<0.005	<0.005
10/10/2017	<0.005	<0.005			
10/11/2017			<0.005	<0.005	<0.005
3/23/2018		<0.005			
3/26/2018	<0.005		<0.005	<0.005	<0.005
10/4/2018	0.00032 (J)	<0.005	<0.005	0.0004 (J)	<0.005
3/27/2019			<0.005		
3/28/2019	<0.005	<0.005		<0.005	<0.005
9/12/2019	<0.005	<0.005	<0.005	<0.005	<0.005
3/19/2020	<0.005	<0.005	<0.005	<0.005	<0.005
9/10/2020	<0.005	<0.005			
9/11/2020			<0.005	<0.005	<0.005
4/5/2021			<0.005	<0.005	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Selenium (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
4/6/2021	<0.005	<0.005			<0.005
8/13/2021	<0.005	<0.005	<0.005		<0.005
8/17/2021				<0.005	
2/14/2022	<0.005	<0.005		<0.005	<0.005
2/15/2022			<0.005		
8/31/2022	<0.005	<0.005	<0.005	<0.005	<0.005
2/28/2023			<0.005		<0.005
3/1/2023	<0.005	<0.005		0.00099 (J)	
8/3/2023	<0.005	<0.005	<0.005	<0.005	<0.005
3/4/2024	<0.005	<0.005	<0.005	<0.005	<0.005
8/8/2024	<0.005	<0.005	<0.005	<0.005	<0.005
2/25/2025					0.0011 (J)
2/26/2025	<0.005	<0.005	<0.005	<0.005	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Silver (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
12/20/2010			<0.001	<0.001	<0.001		
12/21/2010						<0.001	<0.001
12/22/2010	<0.001	<0.001					
2/1/2011				<0.001	<0.001		
2/14/2011	<0.001	<0.001	<0.001			<0.001	<0.001
3/21/2011			<0.001	<0.001			<0.001
3/22/2011	<0.001	<0.001					
3/23/2011					<0.001	<0.001	
4/26/2011	<0.001	<0.001	<0.001	<0.001			<0.001
4/27/2011					<0.001	<0.001	
10/25/2011						<0.001	
10/26/2011			<0.001		<0.001		<0.001
10/27/2011	<0.001	<0.001		<0.001			
5/1/2012	<0.001	<0.001	<0.001		<0.001	<0.001	
5/2/2012				<0.001			<0.001
11/8/2012	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
5/7/2013	<0.001	<0.001		<0.001	<0.001	<0.001	
5/8/2013			<0.001				<0.001
11/4/2013	<0.001	<0.001	<0.001	<0.001			
11/5/2013					<0.001	<0.001	<0.001
5/23/2014					<0.001	<0.001	<0.001
5/24/2014	<0.001	<0.001	<0.001	<0.001			
11/7/2014			<0.001	<0.001	<0.001	<0.001	<0.001
11/8/2014	<0.001	<0.001					
5/20/2015			<0.001	<0.001			
5/21/2015	<0.001	<0.001			<0.001	<0.001	<0.001
11/12/2015					<0.001	<0.001	<0.001
11/13/2015	<0.001	<0.001	<0.001	<0.001			
4/6/2016	<0.001						
4/7/2016			<0.001	<0.001		<0.001	<0.001
4/8/2016		<0.001			<0.001		
10/10/2016			<0.001	<0.001			
10/11/2016	<0.001	<0.001			<0.001		<0.001
10/14/2016						<0.001	
4/7/2017		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
4/10/2017	<0.001						
10/9/2017	<0.001	<0.001					
10/10/2017			<0.001	<0.001	<0.001	<0.001	<0.001
3/22/2018			<0.001		<0.001		<0.001
3/23/2018				<0.001		<0.001	
3/26/2018	<0.001	<0.001					
10/3/2018	<0.001	<0.001	<0.001			<0.001	<0.001
10/4/2018				<0.001			
10/5/2018					<0.001		
3/27/2019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
9/12/2019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
3/19/2020	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001
3/20/2020					<0.001		
9/10/2020	<0.001	<0.001					<0.001
9/11/2020			<0.001	<0.001	<0.001	<0.001	
4/2/2021	<0.001	<0.001	<0.001				
4/5/2021				<0.001	<0.001	<0.001	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Silver (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
4/6/2021							<0.001
8/12/2021	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001
8/13/2021					<0.001		
2/14/2022	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001
2/15/2022		<0.001					
8/26/2022	<0.001	<0.001					
8/30/2022							<0.001
8/31/2022			<0.001	<0.001	<0.001	<0.001	
2/28/2023	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
3/1/2023							<0.001
8/2/2023	<0.001						
8/3/2023		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2/29/2024	<0.001						
3/4/2024		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
8/6/2024	<0.001						
8/8/2024		<0.001	<0.001	<0.001	<0.001	<0.001	
8/9/2024							<0.001
2/25/2025	<0.001	<0.001					
2/26/2025			<0.001	<0.001	<0.001	<0.001	<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Silver (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010					<0.001
12/21/2010				<0.001	
12/22/2010	<0.001	<0.001	<0.001		
2/14/2011					<0.001
2/15/2011	<0.001	<0.001	<0.001	<0.001	
3/21/2011				<0.001	<0.001
3/22/2011	<0.001	<0.001	<0.001		
4/27/2011	<0.001	<0.001	<0.001		<0.001
4/28/2011				<0.001	
10/26/2011	<0.001	<0.001	<0.001	<0.001	<0.001
5/1/2012				<0.001	<0.001
5/2/2012	<0.001	<0.001	<0.001		
11/8/2012	<0.001	<0.001	<0.001		
11/9/2012				<0.001	<0.001
5/8/2013	<0.001	<0.001	<0.001	<0.001	<0.001
11/4/2013	<0.001	<0.001	<0.001	<0.001	<0.001
5/24/2014	<0.001	<0.001	<0.001	<0.001	<0.001
11/7/2014	<0.001		<0.001	<0.001	<0.001
11/8/2014		<0.001			
5/20/2015					<0.001
5/22/2015	<0.001	<0.001	<0.001	<0.001	
11/13/2015	<0.001	<0.001	<0.001	<0.001	<0.001
4/8/2016					<0.001
4/11/2016	<0.001	<0.001	<0.001	<0.001	
10/11/2016	<0.001	<0.001			
10/13/2016			<0.001	<0.001	<0.001
4/7/2017		<0.001			
4/10/2017	<0.001		<0.001		
4/11/2017				<0.001	<0.001
10/10/2017	<0.001	<0.001			
10/11/2017			<0.001	<0.001	<0.001
3/23/2018		<0.001			
3/26/2018	<0.001		<0.001	<0.001	<0.001
10/4/2018	<0.001	<0.001	<0.001	<0.001	<0.001
3/27/2019			<0.001		
3/28/2019	<0.001	<0.001		<0.001	<0.001
9/12/2019	<0.001	<0.001	<0.001	<0.001	<0.001
3/19/2020	<0.001	<0.001	<0.001	<0.001	<0.001
9/10/2020	<0.001	<0.001			
9/11/2020			<0.001	<0.001	<0.001
4/5/2021			<0.001	<0.001	
4/6/2021	<0.001	<0.001			<0.001
8/13/2021	<0.001	<0.001	<0.001		<0.001
8/17/2021				<0.001	
2/14/2022	<0.001	<0.001		<0.001	<0.001
2/15/2022			<0.001		
8/31/2022	<0.001	<0.001	<0.001	<0.001	<0.001
2/28/2023			<0.001		<0.001
3/1/2023	<0.001	<0.001		<0.001	
8/3/2023	<0.001	<0.001	<0.001	<0.001	<0.001
3/4/2024	<0.001	<0.001	<0.001	<0.001	<0.001
8/8/2024	<0.001	<0.001	<0.001	<0.001	<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Silver (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
2/25/2025					<0.001
2/26/2025	<0.001	<0.001	<0.001	<0.001	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Sulfate (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
4/6/2016	0.813 (J)						
4/7/2016			107.095	0.594 (J)		1.522	0.507 (J)
4/8/2016		<1			0.334 (J)		
6/14/2016	1.1	0.14 (J)	160 (D)	0.43 (J)	0.35 (J)		0.55 (J)
6/17/2016						1.1 (D)	
8/9/2016		<1	130	<1	<1		<1
8/10/2016	0.9 (J)					1.1	
10/10/2016			140	<1			
10/11/2016	0.99 (J)	<1			<1		<1
10/14/2016						0.89 (J)	
12/2/2016	0.99 (J)		150	<1			<1
12/5/2016		<1			<1		
12/19/2016						1.2	
2/9/2017			150				<1
2/10/2017	1.4	<1		<1	<1		
2/13/2017						1.4	
4/7/2017		<1	140	<1	<1	1.2	<1
4/10/2017	1.6						
6/22/2017			160		<1	1.1	<1
6/23/2017	1.8			<1			
6/26/2017		<1					
10/9/2017	2.5	<1					
10/10/2017			160	<1	<1	0.92 (J)	<1
3/22/2018			150		<1		<1
3/23/2018				<1		1.3	
3/26/2018	2.3	<1					
10/3/2018	1.9	<1	140			1.2	<1
10/4/2018				<1			
10/5/2018					<1		
3/27/2019	0.81 (J)	<1	140	0.52 (J)	<1	1.6	0.56 (J)
9/12/2019	1.3	0.38 (J)	170	0.61 (J)	0.4 (J)	1.2	0.77 (J)
3/19/2020	0.92 (J)	<1	150	0.39 (J)		1.5	0.56 (J)
3/20/2020					0.58 (J)		
9/10/2020	1.3	<1					0.42 (J)
9/11/2020			170	0.99 (J)	0.39 (J)	1.3	
4/2/2021	0.99 (J)	<1	180				
4/5/2021				<1	<1	1.3	
4/6/2021							<1
8/12/2021	1.8	<1	180	1		1	<1
8/13/2021					<1		
2/14/2022	1		130	<1	<1	1.2	0.85 (J)
2/15/2022		0.87 (J)					
8/26/2022	2.7	<1					
8/30/2022							0.76 (J)
8/31/2022			170	1.1	1.1	1.6	
2/28/2023	2.7	1.7	170	1.7	1.6	2.5	
3/1/2023							1.2
8/2/2023	1.4						
8/3/2023		<1	170	0.49 (J)	<1	0.94 (J)	0.46 (J)
2/29/2024	2.8						
3/4/2024		<1	160	0.64 (J)	0.46 (J)	1.4	0.66 (J)
8/6/2024	1.7						

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Sulfate (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
8/8/2024		<1	300 (o)	<1	<1	0.66 (J)	
8/9/2024							<1
11/7/2024			160				
2/25/2025	2	<1					
2/26/2025			150	<1	<1	<1	0.47 (J)

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Sulfate (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
4/8/2016					135.355
4/11/2016	2.15	<1	0.415 (J)	<1	
6/15/2016	2.5	0.18 (J)			
6/16/2016			0.5 (J)	10	140
8/10/2016	2.5	<1	<1		
8/11/2016				9.8 (F1)	130
10/11/2016	2.7	<1			
10/13/2016			<1	11	140
12/2/2016		<1			
12/5/2016	2.6		<1	13	
12/6/2016					150
2/13/2017	2.4	<1	<1	14	160
4/7/2017		<1			
4/10/2017	2.3		<1		
4/11/2017				12	130
6/22/2017		<1			
6/23/2017	2.5		<1		
6/24/2017				12	160
10/10/2017	2.5	<1			
10/11/2017			<1	13	160
3/23/2018		<1			
3/26/2018	2.4		<1	20	160
10/4/2018	2.8	<1	<1	23	170
3/27/2019			2.7		
3/28/2019	3.2	0.38 (J)		29	170
9/12/2019	3.2	<1	0.65 (J)	34	170
3/19/2020	3.2	<1	0.71 (J)	40	170
9/10/2020	2.7	<1			
9/11/2020			2.6	39	160
4/5/2021			1.7	57 (F1)	
4/6/2021	2.5	<1			160
8/13/2021	2.7	<1	1.4		170
8/17/2021				54	
2/14/2022	2.9	<1		56	150
2/15/2022			1.8		
8/31/2022	2.8	0.88 (J)	2.4	65	170
2/28/2023			3.2		170
3/1/2023	2.4	170 (o)		70	
8/3/2023	1.7	<1	2.2	74	170
3/4/2024	2.1	<1	2.9	90	180
8/8/2024	1.7	<1	2.8	41	340 (o)
11/7/2024					180
2/25/2025					190
2/26/2025	2	<1	4.1	94	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: TDS (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
4/6/2016	51						
4/7/2016			237	69		100	114
4/8/2016		74			89		
6/14/2016	62	111	240	<25	55		56 (O)
6/17/2016						69	
8/9/2016		44	230	40	90		100
8/10/2016	70					110	
10/10/2016			240	34			
10/11/2016	84	64			86		110
10/14/2016						100	
12/2/2016	74		270	50			94
12/5/2016		52			74		
12/19/2016						100	
2/9/2017			240				100
2/10/2017	100	86		60	100		
2/13/2017						80	
4/7/2017		68	260	70	92	86	100
4/10/2017	82						
6/22/2017			300		64	72	110
6/23/2017	72			42			
6/26/2017		76					
10/9/2017	82	50					
10/10/2017			280	34	68	70	100
3/22/2018			310		92		100
3/23/2018				52		86	
3/26/2018	94	56					
10/3/2018	72	42	190			88	96
10/4/2018				48			
10/5/2018					90		
3/27/2019	98	76	290	66	94	100	120
9/12/2019	130	72	340	97	88	110	120
3/19/2020	100	65	310	51		97	110
3/20/2020					99		
9/10/2020	110	56					130
9/11/2020			340	51	110	120	
4/2/2021	100	69	360				
4/5/2021				46	63	99	
4/6/2021							110
8/12/2021	98	68	330	55		100	120
8/13/2021					110		
2/14/2022	100		290	68	94	100	110
2/15/2022		85					
8/26/2022	110	83					
11/16/2022			300	55	94	100	110
2/28/2023	98	99	320	64	120	110	
3/1/2023							120
8/2/2023	98						
8/3/2023		77	310	63	100	100	130
2/29/2024	92						
3/4/2024		96	310	66	99	100	110
8/6/2024	87						
8/8/2024		73	290	67	100	94	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: TDS (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
8/9/2024							110
2/25/2025	90	98					
2/26/2025			280	68	100	100	110

Time Series

Constituent: TDS (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
4/8/2016					237
4/11/2016	88	79	88	103	
6/15/2016	114	79			
6/16/2016			74	117	231
8/10/2016	82	72	66		
8/11/2016				94	190
10/11/2016	92	76			
10/13/2016			72	110	230
12/2/2016		60			
12/5/2016	86		70	130	
12/6/2016					260
2/13/2017	62	58	12 (O)	92	230
4/7/2017		68			
4/10/2017	60		80		
4/11/2017				120	210
6/22/2017		16			
6/23/2017	74		66		
6/24/2017				120	250
10/10/2017	86	44			
10/11/2017			56	120	280
3/23/2018		96			
3/26/2018	58		72	98	240
10/4/2018	130	110	96	190	320
3/27/2019			76		
3/28/2019	88	65		140	280
9/12/2019	110	89	110	160	300
3/19/2020	110	64	66	160	270
9/10/2020	120	82			
9/11/2020			87	170	290
4/5/2021			66	170	
4/6/2021	110	49			250
8/13/2021	120	72	92		290
8/17/2021				180	
2/14/2022	120	79		150	280
2/15/2022			67		
11/16/2022	110	76	89	180	270
2/28/2023			84		280
3/1/2023	130	290 (o)		190	
8/3/2023	120	77	82	200	290
3/4/2024	110	68	86	200	310
8/8/2024	110	76	84	210	290
2/25/2025					310
2/26/2025	110	77	88	220	

Time Series

Constituent: Thallium (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
12/20/2010			0.00026 (J)	<0.001	<0.001		
12/21/2010						<0.001	<0.001
12/22/2010	<0.001	<0.001					
2/1/2011				<0.001	<0.001		
2/14/2011	<0.001	<0.001	<0.001			<0.001	<0.001
3/21/2011			<0.001	<0.001			<0.001
3/22/2011	<0.001	<0.001					
3/23/2011					<0.001	<0.001	
4/26/2011	<0.001	<0.001	<0.001	<0.001			<0.001
4/27/2011					<0.001	<0.001	
10/25/2011						<0.001	
10/26/2011			<0.001		<0.001		<0.001
10/27/2011	<0.001	<0.001		<0.001			
5/1/2012	<0.001	<0.001	<0.001		<0.001	<0.001	
5/2/2012				<0.001			<0.001
11/8/2012	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
5/7/2013	<0.001	<0.001		<0.001	<0.001	<0.001	
5/8/2013			<0.001				<0.001
11/4/2013	0.00025 (J)	<0.001	<0.001	<0.001			
11/5/2013					<0.001	<0.001	<0.001
5/23/2014					<0.001	<0.001	<0.001
5/24/2014	<0.001	<0.001	<0.001	<0.001			
11/7/2014			0.00032 (J)	<0.001	<0.001	<0.001	<0.001
11/8/2014	0.00048 (J)	0.00086 (J)					
5/20/2015			<0.001	<0.001			
5/21/2015	<0.001	<0.001			<0.001	<0.001	<0.001
11/12/2015					<0.001	<0.001	<0.001
11/13/2015	<0.001	<0.001	<0.001	<0.001			
4/6/2016	<0.001						
4/7/2016			<0.001	<0.001		<0.001	<0.001
4/8/2016		<0.001			<0.001		
6/14/2016	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001
6/17/2016						<0.001	
8/9/2016		<0.001	<0.001	<0.001	<0.001		<0.001
8/10/2016	<0.001					<0.001	
10/10/2016			<0.001	<0.001			
10/11/2016	<0.001	<0.001			<0.001		<0.001
10/14/2016						<0.001	
12/2/2016	<0.001		<0.001	<0.001			<0.001
12/5/2016		<0.001			<0.001		
12/19/2016						<0.001	
2/9/2017			<0.001				<0.001
2/10/2017	<0.001	<0.001		<0.001	<0.001		
2/13/2017						<0.001	
4/7/2017		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
4/10/2017	<0.001						
6/22/2017			<0.001		<0.001	<0.001	<0.001
6/23/2017	<0.001			<0.001			
6/26/2017		<0.001					
10/9/2017	<0.001	<0.001					
10/10/2017			<0.001	<0.001	<0.001	<0.001	<0.001
3/22/2018			<0.001		<0.001		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Thallium (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
3/23/2018				<0.001		<0.001	
3/26/2018	<0.001	<0.001					
10/3/2018	<0.001	<0.001	<0.001			<0.001	<0.001
10/4/2018				<0.001			
10/5/2018					<0.001		
3/27/2019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
9/12/2019	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
3/19/2020	<0.001	<0.001	0.00036 (JB)	<0.001		0.00018 (JB)	<0.001
3/20/2020					<0.001		
9/10/2020	<0.001	<0.001					<0.001
9/11/2020			<0.001	<0.001	<0.001	<0.001	
4/2/2021	0.00016 (J)	0.00036 (J)	<0.001				
4/5/2021				<0.001	<0.001	0.00043 (J)	
4/6/2021							<0.001
8/12/2021	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001
8/13/2021					<0.001		
2/14/2022	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001
2/15/2022		<0.001					
8/26/2022	<0.001	<0.001					
8/30/2022							<0.001
8/31/2022			<0.001	<0.001	<0.001	<0.001	
2/28/2023	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
3/1/2023							<0.001
8/2/2023	<0.001						
8/3/2023		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2/29/2024	<0.001						
3/4/2024		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
8/6/2024	<0.001						
8/8/2024		<0.001	<0.001	<0.001	<0.001	<0.001	
8/9/2024							<0.001
2/25/2025	<0.001	<0.001					
2/26/2025			<0.001	<0.001	<0.001	<0.001	<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Thallium (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010					<0.001
12/21/2010				<0.001	
12/22/2010	<0.001	<0.001	<0.001		
2/14/2011					<0.001
2/15/2011	<0.001	<0.001	<0.001	<0.001	
3/21/2011				<0.001	<0.001
3/22/2011	<0.001	<0.001	<0.001		
4/27/2011	<0.001	<0.001	<0.001		<0.001
4/28/2011				<0.001	
10/26/2011	<0.001	<0.001	<0.001	<0.001	<0.001
5/1/2012				<0.001	<0.001
5/2/2012	<0.001	<0.001	<0.001		
11/8/2012	<0.001	<0.001	<0.001		
11/9/2012				<0.001	<0.001
5/8/2013	<0.001	0.00028 (J)	<0.001	<0.001	<0.001
11/4/2013	<0.001	<0.001	<0.001	<0.001	<0.001
5/24/2014	<0.001	<0.001	<0.001	<0.001	<0.001
11/7/2014	<0.001		<0.001	<0.001	<0.001
11/8/2014		<0.001			
5/20/2015					<0.001
5/22/2015	<0.001	<0.001	<0.001	<0.001	
11/13/2015	<0.001	<0.001	<0.001	<0.001	<0.001
4/8/2016					<0.001
4/11/2016	<0.001	<0.001	<0.001	<0.001	
6/15/2016	<0.001	<0.001			
6/16/2016			<0.001	<0.001	<0.001
8/10/2016	<0.001	<0.001	<0.001		
8/11/2016				<0.001	<0.001
10/11/2016	<0.001	<0.001			
10/13/2016			<0.001	<0.001	<0.001
12/2/2016		<0.001			
12/5/2016	<0.001		<0.001	<0.001	
12/6/2016					<0.001
2/13/2017	<0.001	<0.001	<0.001	<0.001	<0.001
4/7/2017		<0.001			
4/10/2017	<0.001		<0.001		
4/11/2017				<0.001	<0.001
6/22/2017		<0.001			
6/23/2017	<0.001		<0.001		
6/24/2017				<0.001	<0.001
10/10/2017	<0.001	<0.001			
10/11/2017			<0.001	<0.001	<0.001
3/23/2018		<0.001			
3/26/2018	<0.001		<0.001	<0.001	<0.001
10/4/2018	<0.001	<0.001	<0.001	<0.001	<0.001
3/27/2019			<0.001		
3/28/2019	<0.001	<0.001		<0.001	<0.001
9/12/2019	<0.001	<0.001	<0.001	<0.001	<0.001
3/19/2020	<0.001	<0.001	<0.001	<0.001	<0.001
9/10/2020	<0.001	<0.001			
9/11/2020			<0.001	<0.001	<0.001
4/5/2021			0.00022 (J)	<0.001	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Thallium (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
4/6/2021	<0.001	<0.001			<0.001
8/13/2021	<0.001	<0.001	<0.001		<0.001
8/17/2021				<0.001	
2/14/2022	<0.001	<0.001		<0.001	<0.001
2/15/2022			<0.001		
8/31/2022	<0.001	<0.001	<0.001	<0.001	<0.001
2/28/2023			<0.001		<0.001
3/1/2023	<0.001	<0.001		<0.001	
8/3/2023	<0.001	<0.001	<0.001	<0.001	<0.001
3/4/2024	<0.001	<0.001	<0.001	<0.001	<0.001
8/8/2024	<0.001	<0.001	<0.001	<0.001	<0.001
2/25/2025					<0.001
2/26/2025	<0.001	<0.001	<0.001	<0.001	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Vanadium (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
12/20/2010			<0.0025	0.0024 (J)	0.0051 (J)		
12/21/2010						0.0091 (J)	0.016
12/22/2010	<0.0025	<0.0025					
2/1/2011				0.0021 (J)	0.012		
2/14/2011	<0.0025	<0.0025	<0.0025			0.013	0.016
3/21/2011			<0.0025	0.0025 (J)			0.018
3/22/2011	0.0028 (J)	0.0032 (J)					
3/23/2011					0.015	0.01	
4/26/2011	0.0025 (I)	<0.0025	0.0022 (I)	0.0033 (I)			0.018
4/27/2011					0.022	0.0078 (I)	
10/25/2011						0.012	
10/26/2011			<0.0025		0.0043 (J)		0.018
10/27/2011	<0.0025	<0.0025		0.003 (J)			
5/1/2012	0.004 (I)	0.0037 (I)	0.0036 (I)		0.0069 (I)	0.019	
5/2/2012				0.0051 (I)			0.021
11/8/2012	<0.0025	<0.0025	0.0062 (J)	0.02 (O)	0.013	0.015	0.019
5/7/2013	<0.0025	0.0041 (J)		0.0036 (J)	0.017	0.017	
5/8/2013			<0.0025				0.02
11/4/2013	<0.0025	<0.0025	<0.0025	0.0043 (J)			
11/5/2013					0.013	0.015	0.018
5/23/2014					0.041 (O)	0.017	0.018
5/24/2014	<0.0025	<0.0025	<0.0025	0.0033 (J)			
11/7/2014			<0.0025	<0.0025	0.0069 (J)	0.013	0.018
11/8/2014	<0.0025	<0.0025					
5/20/2015			<0.0025	0.0062 (J)			
5/21/2015	<0.0025	0.0052 (J)			0.016	0.016	0.02
11/12/2015					0.013	0.018	0.016
11/13/2015	<0.0025	<0.0025	<0.0025	0.0046 (J)			
4/6/2016	0.00201 (J)						
4/7/2016			<0.0025	0.00293 (J)		0.016	0.0182
4/8/2016		0.00339 (J)			0.00606 (J)		
10/10/2016			<0.0025	0.0031			
10/11/2016	0.0067	0.0037			0.011		0.023
10/14/2016						0.018	
4/7/2017		0.0033	<0.0025	0.0041	0.0073	0.017	0.02
4/10/2017	0.002 (J)						
10/9/2017	<0.0025	<0.0025					
10/10/2017			0.0014 (J)	<0.0025	0.0032	0.015	0.016
3/22/2018			<0.0025		0.0068		0.018
3/23/2018				0.0032		0.016	
3/26/2018	0.0014 (J)	0.0029					
10/3/2018	0.0023 (J)	0.0022 (J)	<0.0025			0.017	0.018
10/4/2018				0.0034			
10/5/2018					0.0092		
3/27/2019	0.0072	0.0071	0.0023 (JB)	0.0072 (B)	0.012 (B)	0.022 (B)	0.021 (B)
9/12/2019	0.0031	0.0025	0.0017	0.0033	0.0075	0.019	0.02
3/19/2020	0.003	0.0052	0.0031	0.0033		0.019	0.02
3/20/2020					0.0086		
9/10/2020	0.0027	0.0025					0.018
9/11/2020			0.0015	0.0026	0.007	0.017	
4/2/2021	0.0029	0.0045	0.0014				
4/5/2021				0.003	0.0085	0.019	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Vanadium (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
4/6/2021							0.021
8/12/2021	0.004	0.0028	0.0017	0.0031		0.019	0.02
8/13/2021					0.0078		
2/14/2022	0.0033		0.0028	0.0032	0.0076	0.019	0.02
2/15/2022		0.0083					
8/26/2022	0.0028	0.002					
8/30/2022							0.019
8/31/2022			0.0011	0.0027	0.0073	0.018	
2/28/2023	0.0036	0.0071	0.0018	0.0037	0.0078	0.02	
3/1/2023							0.019
8/2/2023	0.0035						
8/3/2023		0.0037	0.0012 (J)	0.0026	0.0072	0.017	0.019
2/29/2024	0.0025						
3/4/2024		0.0081	0.0024	0.0028	0.0078	0.018	0.018
8/6/2024	0.003						
8/8/2024		0.0034	0.00075 (J)	0.0019 (J)	0.0079	0.018	
8/9/2024							0.019
2/25/2025	0.0014 (J)	0.008					
2/26/2025			0.0082	0.0069	0.0097	0.021	0.026

Time Series

Constituent: Vanadium (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010					<0.002
12/21/2010				0.01	
12/22/2010	0.0037 (J)	<0.001	0.0027 (J)		
2/14/2011					<0.002
2/15/2011	0.0043 (J)	<0.001	0.0036 (J)	0.0098 (J)	
3/21/2011				0.012	<0.002
3/22/2011	0.0039 (J)	0.0034 (J)	0.004 (J)		
4/27/2011	0.0035 (I)	0.0032 (I)	0.0046 (I)		<0.002
4/28/2011				0.011	
10/26/2011	0.0047 (J)	<0.001	<0.01	0.012	<0.002
5/1/2012				0.011	0.0032
5/2/2012	0.0064 (I)	0.0039 (I)	0.0055 (I)		
11/8/2012	0.0051 (J)	0.0034 (J)	0.0042 (J)		
11/9/2012				0.011	<0.002
5/8/2013	0.0046 (J)	<0.001	0.0046 (J)	0.01	<0.002
11/4/2013	0.0039 (J)	0.0035 (J)	0.0042 (J)	0.011	<0.002
5/24/2014	0.0053 (J)	0.0036 (J)	0.0061 (J)	0.012	<0.002
11/7/2014	0.0034 (J)		0.0032 (J)	0.01	<0.002
11/8/2014		<0.001			
5/20/2015					0.0065 (J)
5/22/2015	0.0068 (J)	0.0044 (J)	0.0056 (J)	0.013	
11/13/2015	0.0044 (J)	<0.001	<0.01	0.014	<0.002
4/8/2016					<0.002
4/11/2016	0.00381 (J)	0.00254 (J)	0.00415 (J)	0.0107	
10/11/2016	0.0082	0.0056			
10/13/2016			0.0047	0.011	<0.002
4/7/2017		0.0024 (J)			
4/10/2017	0.0038		0.0043		
4/11/2017				0.011	<0.002
10/10/2017	0.0053	<0.001			
10/11/2017			0.0052	0.012	0.0019 (J)
3/23/2018		0.0023 (J)			
3/26/2018	0.0037		0.004	0.0096	<0.002
10/4/2018	0.0053	0.0037	0.0066	0.013	0.0037
3/27/2019			0.0087 (B)		
3/28/2019	0.0079	0.0053		0.01	0.0041
9/12/2019	0.0054	0.0028	0.0047	0.011	<0.002
3/19/2020	0.0044	0.0027	0.0046	0.01	<0.002
9/10/2020	0.0049	0.0026			
9/11/2020			0.0042	0.0099	<0.002
4/5/2021			0.0059	0.011	
4/6/2021	0.0045	0.0026			<0.002
8/13/2021	0.0061	0.0093	0.0072		0.0016
8/17/2021				0.011	
2/14/2022	0.0047	0.0042		0.011	0.0014
2/15/2022			0.0049		
8/31/2022	0.0055	0.0031	0.0038	0.01	0.00095 (J)
2/28/2023			0.0052		0.0023
3/1/2023	0.0051	<0.001		0.011	
8/3/2023	0.005	0.0029	0.0041	0.0088	<0.002
3/4/2024	0.0045	0.0025	0.0041	0.0098	0.00066 (J)
8/8/2024	0.0047	0.0021	0.0039	0.009	<0.002

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Vanadium (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
2/25/2025					<0.002
2/26/2025	0.0056	0.009	0.01	0.014	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Zinc (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
12/20/2010			<0.005	<0.005	<0.005		
12/21/2010						<0.005	<0.005
12/22/2010	<0.005	<0.005					
2/1/2011				<0.005	<0.005		
2/14/2011	<0.005	<0.005	<0.005			<0.005	<0.005
3/21/2011			<0.005	<0.005			<0.005
3/22/2011	<0.005	<0.005					
3/23/2011					<0.005	<0.005	
4/26/2011	<0.005	<0.005	<0.005	<0.005			<0.005
4/27/2011					<0.005	<0.005	
10/25/2011						<0.005	
10/26/2011			<0.005		<0.005		<0.005
10/27/2011	<0.005	<0.005		<0.005			
5/1/2012	<0.005	<0.005	<0.005		<0.005	<0.005	
5/2/2012				<0.005			<0.005
11/8/2012	<0.005	<0.005	<0.005	0.013 (JO)	<0.005	<0.005	<0.005
5/7/2013	<0.005	<0.005		<0.005	0.0087 (J)	<0.005	
5/8/2013			<0.005				<0.005
11/4/2013	<0.005	<0.005	<0.005	<0.005			
11/5/2013					<0.005	0.008 (J)	<0.005
5/23/2014					0.014 (JO)	<0.005	<0.005
5/24/2014	<0.005	<0.005	<0.005	<0.005			
11/7/2014			<0.005	<0.005	<0.005	<0.005	<0.005
11/8/2014	<0.005	<0.005					
5/20/2015			<0.005	<0.005			
5/21/2015	<0.005	<0.005			<0.005	<0.005	<0.005
11/12/2015					<0.005	<0.005	<0.005
11/13/2015	<0.005	0.039 (O)	<0.005	<0.005			
4/6/2016	<0.005						
4/7/2016			0.00345 (J)	0.00265 (J)		0.00287 (J)	0.00208 (J)
4/8/2016		<0.005			0.00228 (J)		
10/10/2016			<0.005	<0.005			
10/11/2016	<0.005	<0.005			<0.005		<0.005
10/14/2016						<0.005	
4/7/2017		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
4/10/2017	<0.005						
10/9/2017	<0.005	<0.005					
10/10/2017			<0.005	0.0096 (J)	<0.005	<0.005	<0.005
3/22/2018			<0.005		<0.005		<0.005
3/23/2018				<0.005		<0.005	
3/26/2018	<0.005	<0.005					
10/3/2018	<0.005	<0.005	<0.005			<0.005	<0.005
10/4/2018				<0.005			
10/5/2018					<0.005		
3/27/2019	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
9/12/2019	0.0046 (JB)	0.0085 (B)	0.0095 (B)	0.0091 (B)	0.0049 (JB)	0.0048 (JB)	0.0041 (JB)
3/19/2020	<0.005	<0.005	0.0037 (J)	0.0035 (J)		<0.005	<0.005
3/20/2020					<0.005		
9/10/2020	0.0048 (J)	<0.005					<0.005
9/11/2020			0.0098	0.0038 (J)	<0.005	<0.005	
4/2/2021	<0.005	<0.005	0.0058				
4/5/2021				0.0049 (J)	<0.005	<0.005	

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Zinc (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-22 (bg)	GWA-45 (bg)	GWA-46 (bg)	GWA-47 (bg)	GWA-48 (bg)	GWA-49 (bg)
4/6/2021							<0.005
8/12/2021	<0.005	<0.005	0.006	<0.005		<0.005	<0.005
8/13/2021					<0.005		
2/14/2022	<0.005		0.003 (J)	<0.005	<0.005	<0.005	<0.005
2/15/2022		0.003 (J)					
8/26/2022	<0.005	<0.005					
8/30/2022							<0.005
8/31/2022			0.0051	0.0032 (J)	<0.005	0.0039 (J)	
2/28/2023	<0.005	<0.005	0.0062 (JB)	<0.005	<0.005	<0.005	
3/1/2023							<0.005
8/2/2023	<0.005						
8/3/2023		<0.005	0.0051	0.0037 (J)	<0.005	<0.005	<0.005
2/29/2024	<0.005						
3/4/2024		0.0059	0.0035 (J)	<0.005	<0.005	<0.005	<0.005
8/6/2024	<0.005						
8/8/2024		<0.005	0.0046 (J)	0.003 (J)	<0.005	<0.005	
8/9/2024							<0.005
2/25/2025	0.0028 (J)	0.0076					
2/26/2025			0.0055	0.0035 (J)	<0.005	0.0044 (J)	<0.005

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Zinc (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
12/20/2010					0.0095 (J)
12/21/2010				<0.005	
12/22/2010	<0.005	<0.005	<0.005		
2/14/2011					0.0092 (J)
2/15/2011	<0.005	<0.005	<0.005	<0.005	
3/21/2011				<0.005	0.011 (J)
3/22/2011	<0.005	<0.005	<0.005		
4/27/2011	<0.005	<0.005	<0.005		0.0096 (I)
4/28/2011				<0.005	
10/26/2011	<0.005	<0.005	<0.005	<0.005	0.011 (J)
5/1/2012				<0.005	0.012 (I)
5/2/2012	<0.005	<0.005	<0.005		
11/8/2012	<0.005	<0.005	<0.005		
11/9/2012				<0.005	0.014 (J)
5/8/2013	<0.005	<0.005	<0.005	<0.005	0.016 (J)
11/4/2013	<0.005	<0.005	<0.005	<0.005	0.014 (J)
5/24/2014	<0.005	<0.005	<0.005	<0.005	0.013 (J)
11/7/2014	<0.005		<0.005	<0.005	0.014 (J)
11/8/2014		<0.005			
5/20/2015					0.015 (J)
5/22/2015	<0.005	<0.005	<0.005	<0.005	
11/13/2015	<0.005	<0.005	<0.005	<0.005	0.015 (J)
4/8/2016					0.0136
4/11/2016	<0.005	<0.005	0.00333 (J)	<0.005	
10/11/2016	<0.005	<0.005			
10/13/2016			<0.005	<0.005	0.015 (J)
4/7/2017		<0.005			
4/10/2017	<0.005		<0.005		
4/11/2017				0.0065 (J)	0.015 (J)
10/10/2017	<0.005	<0.005			
10/11/2017			<0.005	<0.005	0.019 (J)
3/23/2018		<0.005			
3/26/2018	<0.005		<0.005	<0.005	0.016 (J)
10/4/2018	<0.005	0.0076 (J)	<0.005	<0.005	0.017 (J)
3/27/2019			<0.005		
3/28/2019	<0.005	<0.005		<0.005	0.013 (J)
9/12/2019	0.0058 (B)	0.0057 (B)	0.0042 (JB)	0.0073 (B)	0.02 (B)
3/19/2020	<0.005	0.0037 (J)	<0.005	<0.005	0.014
9/10/2020	<0.005	<0.005			
9/11/2020			<0.005	<0.005	0.014
4/5/2021			<0.005	<0.005	
4/6/2021	<0.005	<0.005			0.014
8/13/2021	<0.005	0.0053	<0.005		0.017
8/17/2021				<0.005	
2/14/2022	<0.005	<0.005		<0.005	0.014
2/15/2022			<0.005		
8/31/2022	<0.005	<0.005	<0.005	<0.005	0.015
2/28/2023			<0.005		0.014 (JB)
3/1/2023	<0.005	0.016 (o)		<0.005	
5/2/2023		<0.005			
8/3/2023	<0.005	0.0033 (J)	0.0035 (J)	<0.005	0.015
3/4/2024	<0.005	<0.005	<0.005	<0.005	0.013

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Zinc (mg/L) Analysis Run 6/10/2025 11:22 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

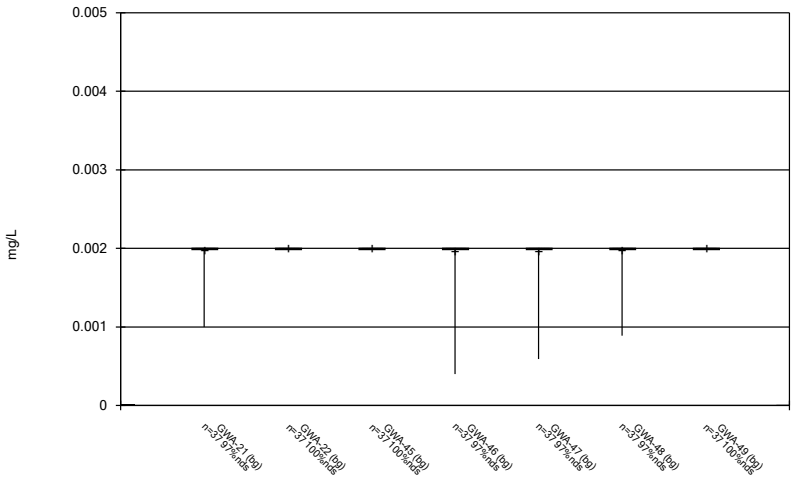
	GWC-29	GWC-50	GWC-51	GWC-52	GWC-53
8/8/2024	<0.005	<0.005	<0.005	<0.005	0.015
2/25/2025					0.018
2/26/2025	<0.005	<0.005	0.004 (J)	<0.005	

ND substitution: RL or RL/2 if <15% NDs.

FIGURE B.

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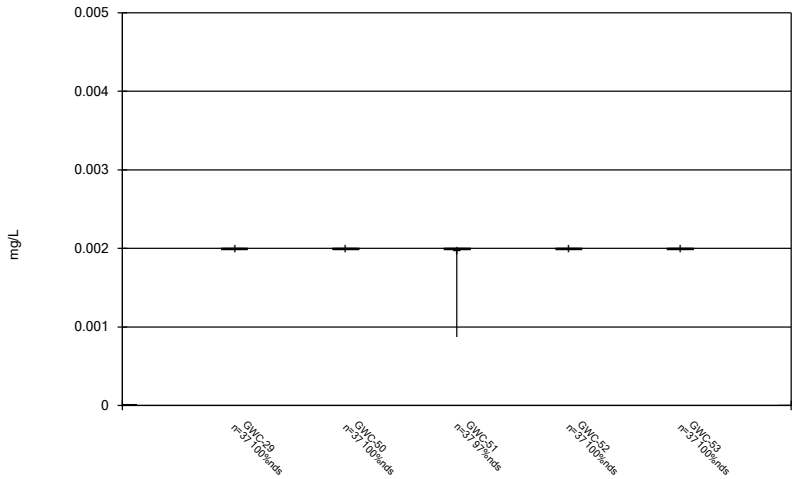
Box & Whiskers Plot



Constituent: Antimony Analysis Run 6/10/2025 11:23 AM
Plant Scherer Client: Southern Company Data: Scherer PAC

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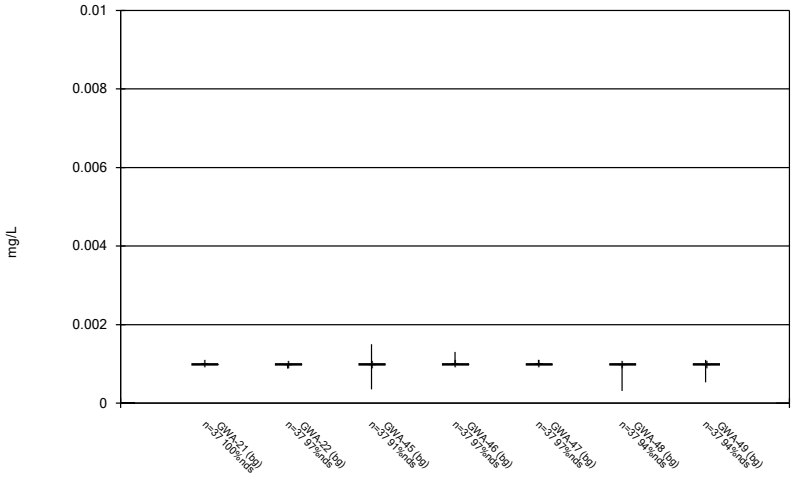
Box & Whiskers Plot



Constituent: Antimony Analysis Run 6/10/2025 11:23 AM
Plant Scherer Client: Southern Company Data: Scherer PAC

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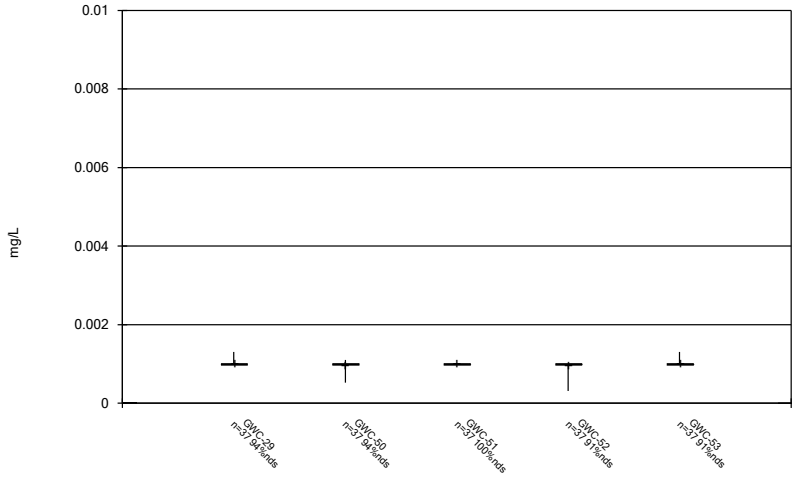
Box & Whiskers Plot



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Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

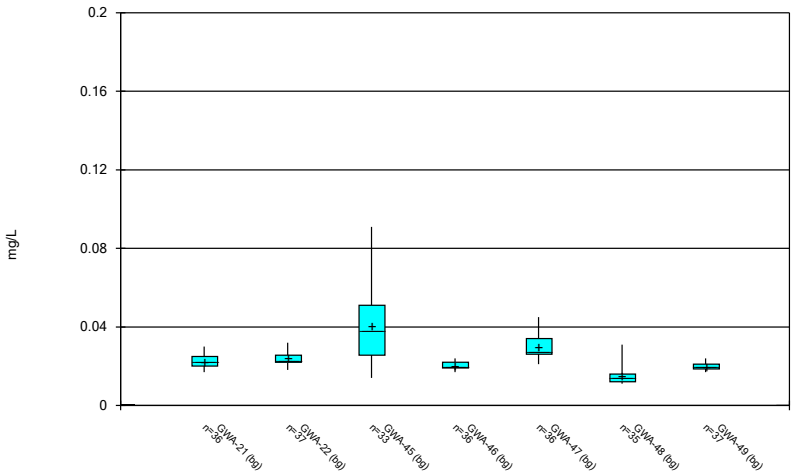
Box & Whiskers Plot



Constituent: Arsenic Analysis Run 6/10/2025 11:23 AM
Plant Scherer Client: Southern Company Data: Scherer PAC

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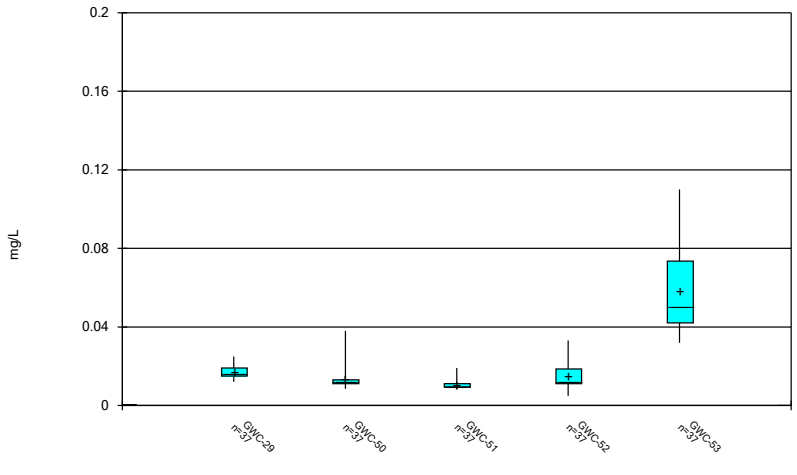
Box & Whiskers Plot



Constituent: Barium Analysis Run 6/10/2025 11:23 AM
Plant Scherer Client: Southern Company Data: Scherer PAC

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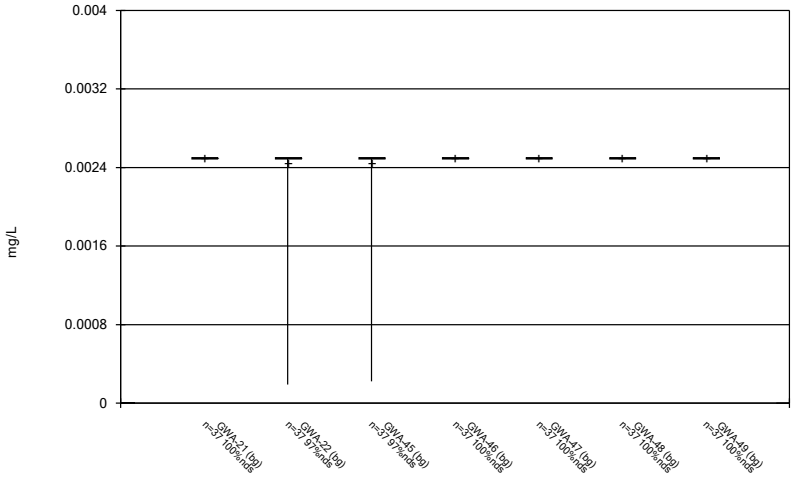
Box & Whiskers Plot



Constituent: Barium Analysis Run 6/10/2025 11:23 AM
Plant Scherer Client: Southern Company Data: Scherer PAC

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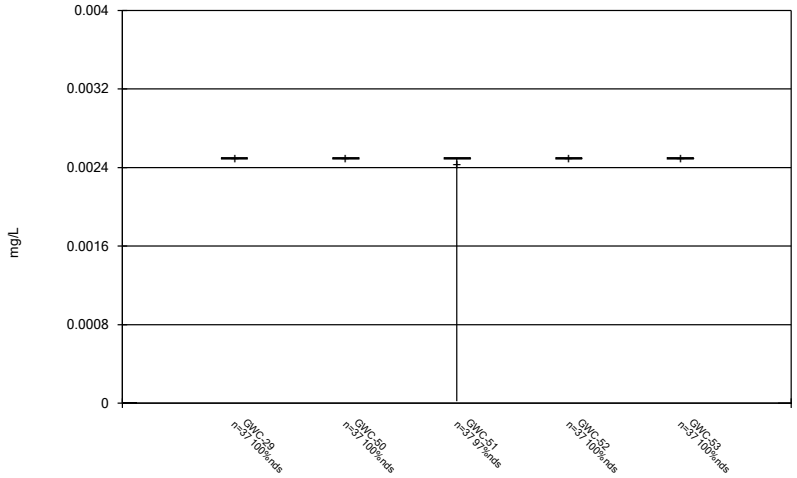
Box & Whiskers Plot



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Plant Scherer Client: Southern Company Data: Scherer PAC

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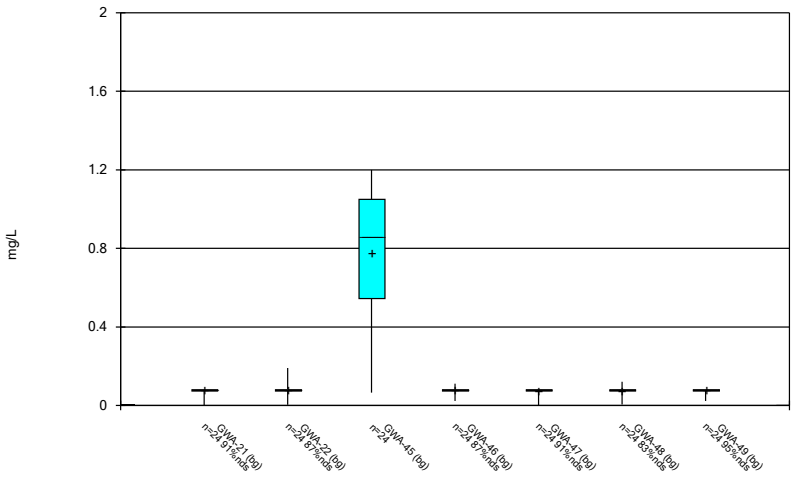
Box & Whiskers Plot



Constituent: Beryllium Analysis Run 6/10/2025 11:23 AM
Plant Scherer Client: Southern Company Data: Scherer PAC

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Box & Whiskers Plot

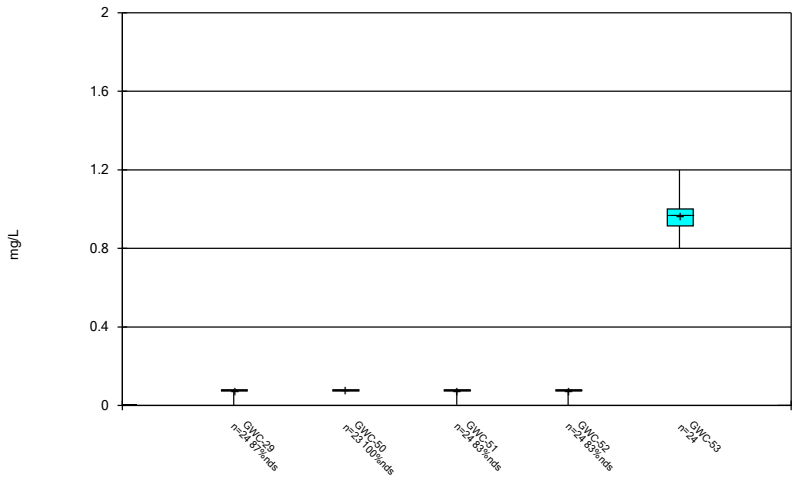


Constituent: Boron Analysis Run 6/10/2025 11:23 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Box & Whiskers Plot

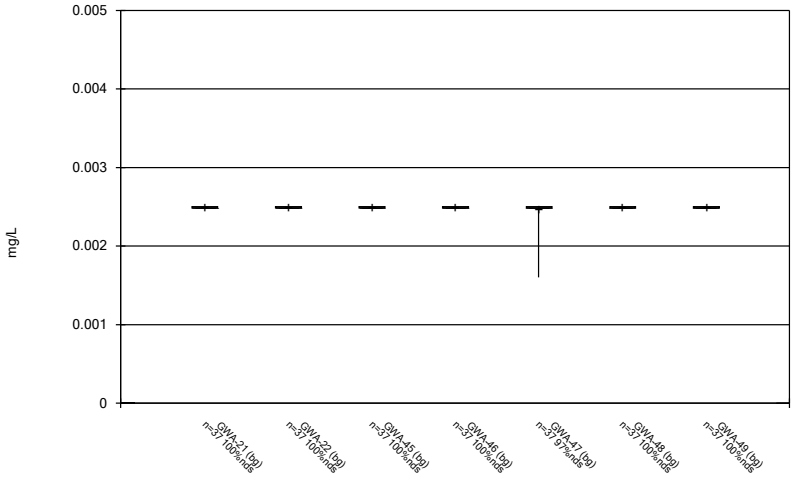


Constituent: Boron Analysis Run 6/10/2025 11:23 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Box & Whiskers Plot

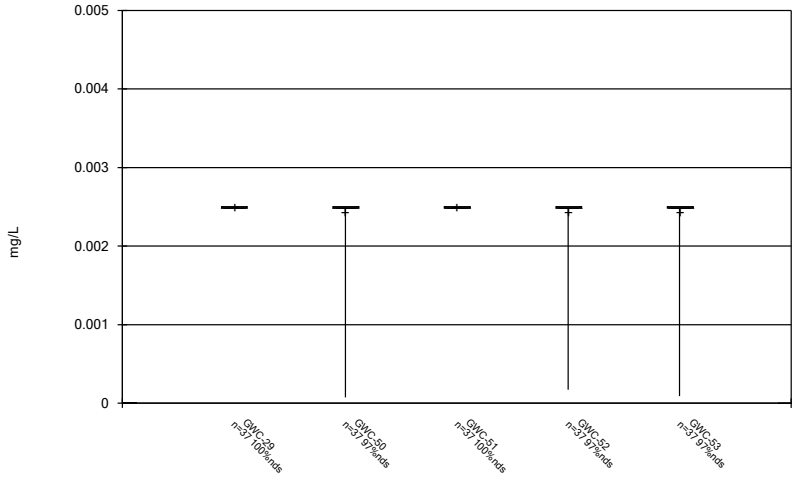


Constituent: Cadmium Analysis Run 6/10/2025 11:23 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Box & Whiskers Plot

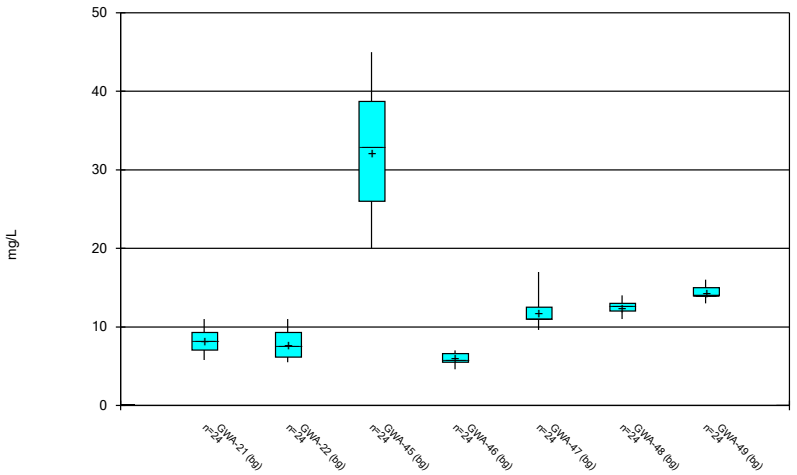


Constituent: Cadmium Analysis Run 6/10/2025 11:23 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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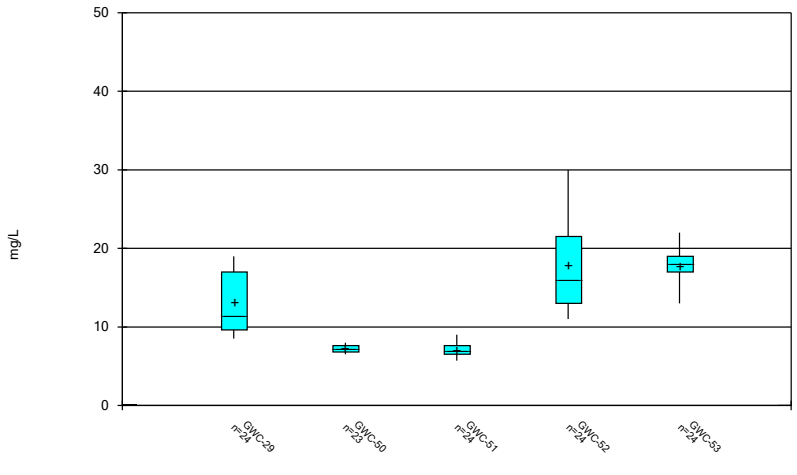
Box & Whiskers Plot



Constituent: Calcium Analysis Run 6/10/2025 11:23 AM
Plant Scherer Client: Southern Company Data: Scherer PAC

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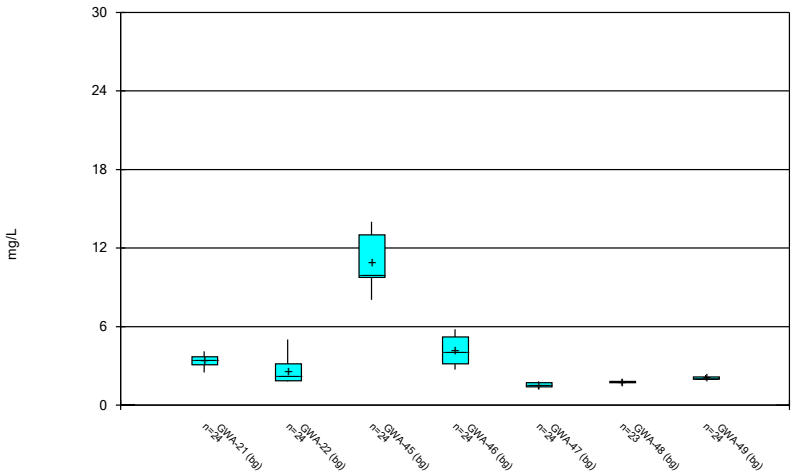
Box & Whiskers Plot



Constituent: Calcium Analysis Run 6/10/2025 11:23 AM
Plant Scherer Client: Southern Company Data: Scherer PAC

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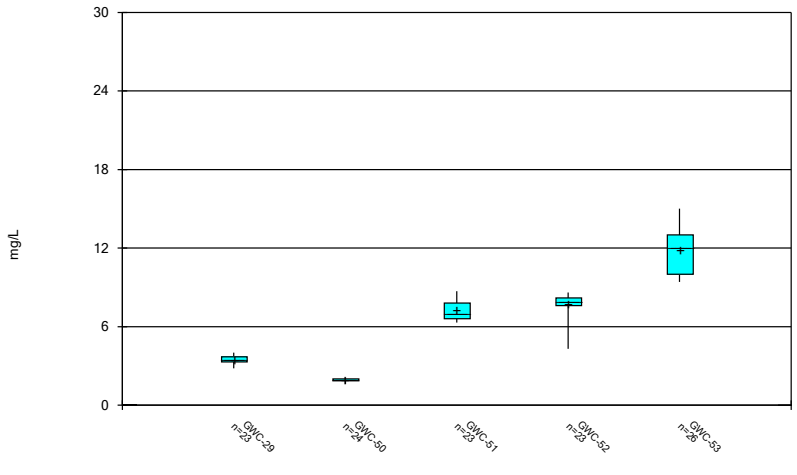
Box & Whiskers Plot



Constituent: Chloride Analysis Run 6/10/2025 11:23 AM
Plant Scherer Client: Southern Company Data: Scherer PAC

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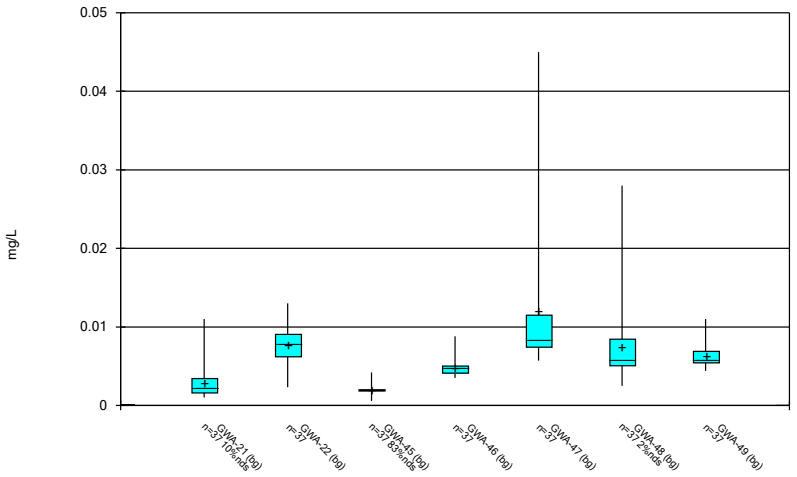
Box & Whiskers Plot



Constituent: Chloride Analysis Run 6/10/2025 11:23 AM
Plant Scherer Client: Southern Company Data: Scherer PAC

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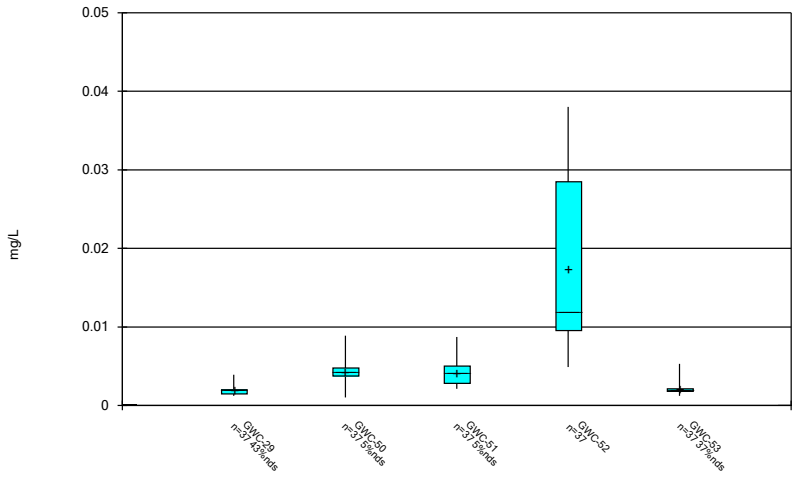
Box & Whiskers Plot



Constituent: Chromium Analysis Run 6/10/2025 11:23 AM
Plant Scherer Client: Southern Company Data: Scherer PAC

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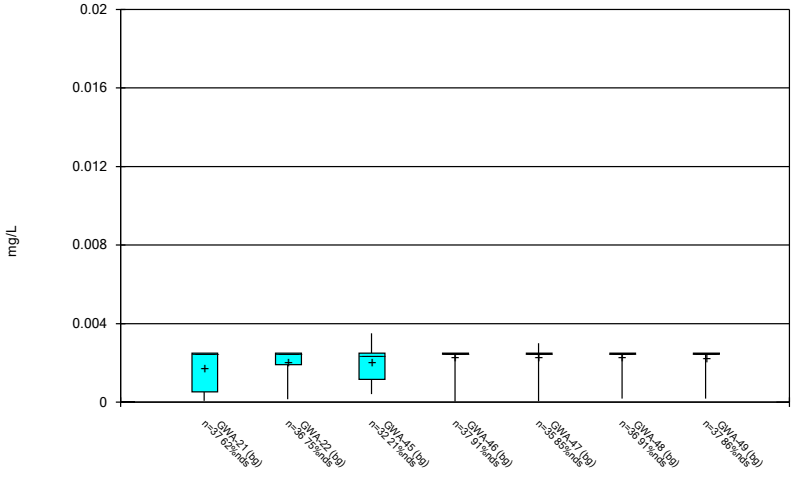
Box & Whiskers Plot



Constituent: Chromium Analysis Run 6/10/2025 11:23 AM
Plant Scherer Client: Southern Company Data: Scherer PAC

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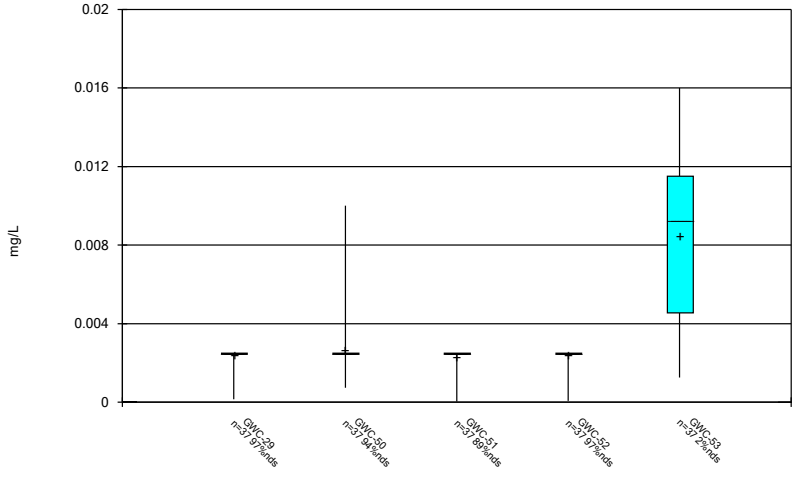
Box & Whiskers Plot



Constituent: Cobalt Analysis Run 6/10/2025 11:23 AM
Plant Scherer Client: Southern Company Data: Scherer PAC

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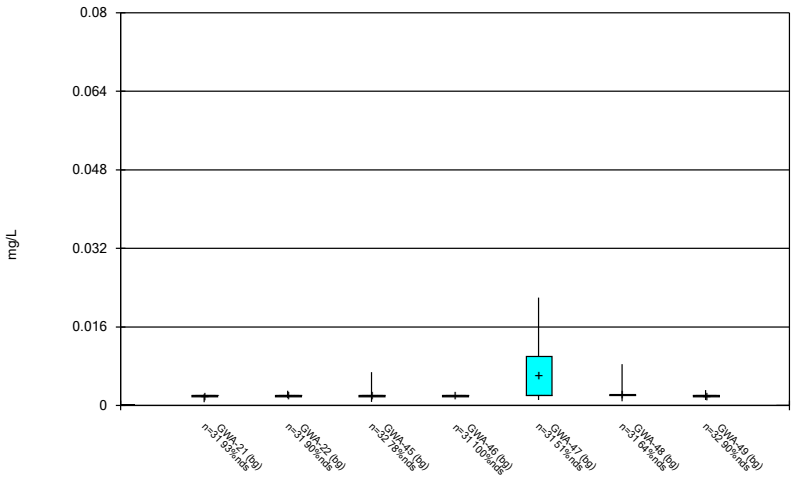
Box & Whiskers Plot



Constituent: Cobalt Analysis Run 6/10/2025 11:23 AM
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot

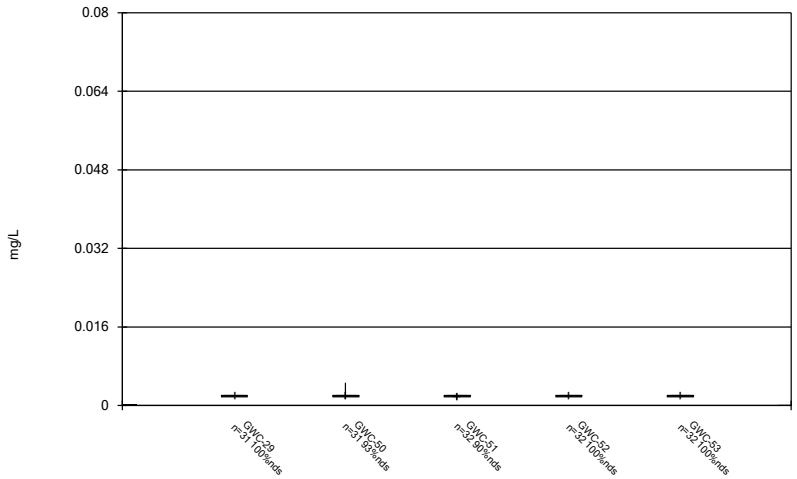


Constituent: Copper Analysis Run 6/10/2025 11:23 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Box & Whiskers Plot

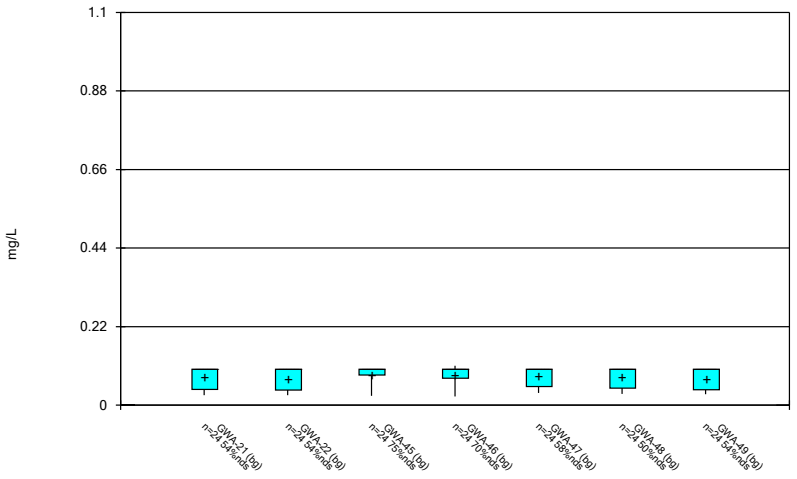


Constituent: Copper Analysis Run 6/10/2025 11:24 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot

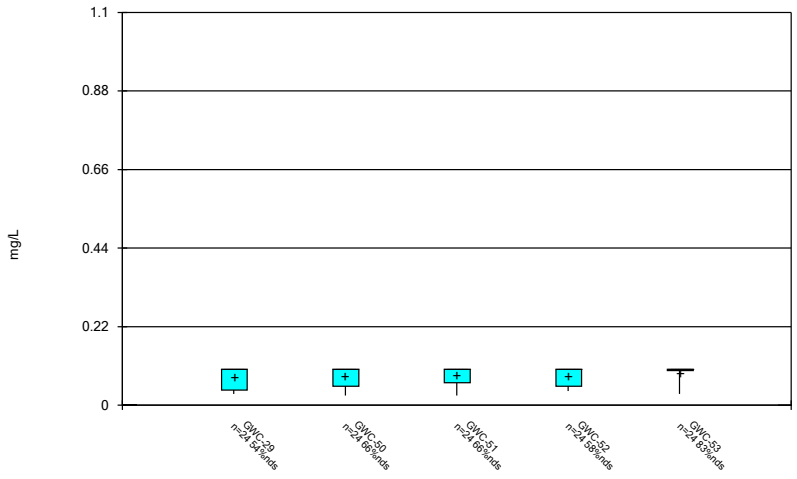


Constituent: Fluoride Analysis Run 6/10/2025 11:24 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot

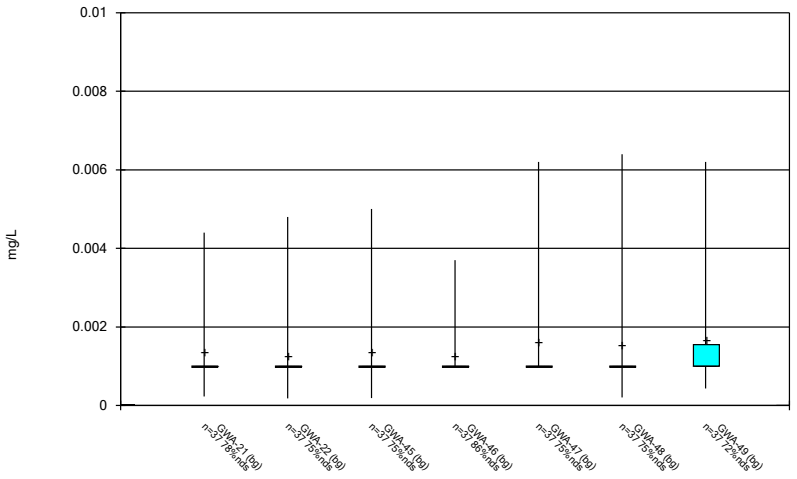


Constituent: Fluoride Analysis Run 6/10/2025 11:24 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot

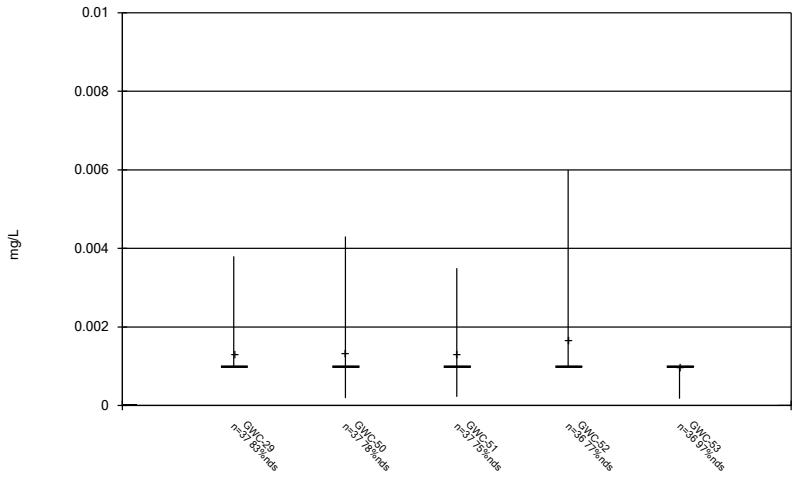


Constituent: Lead Analysis Run 6/10/2025 11:24 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Box & Whiskers Plot

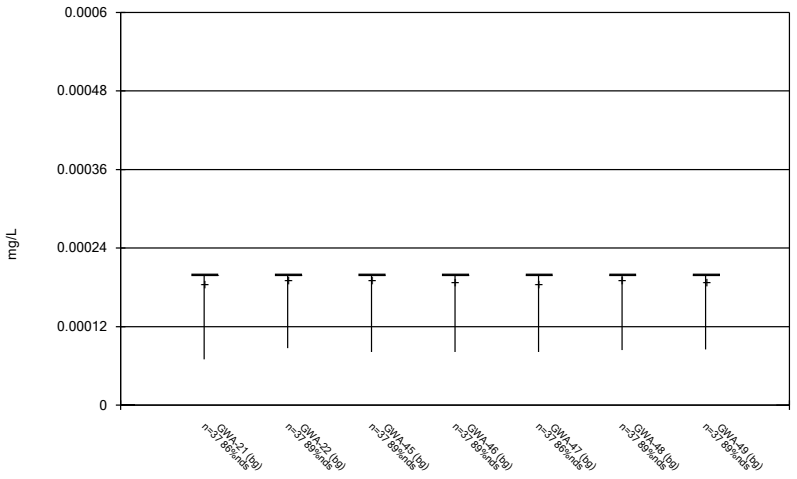


Constituent: Lead Analysis Run 6/10/2025 11:24 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot

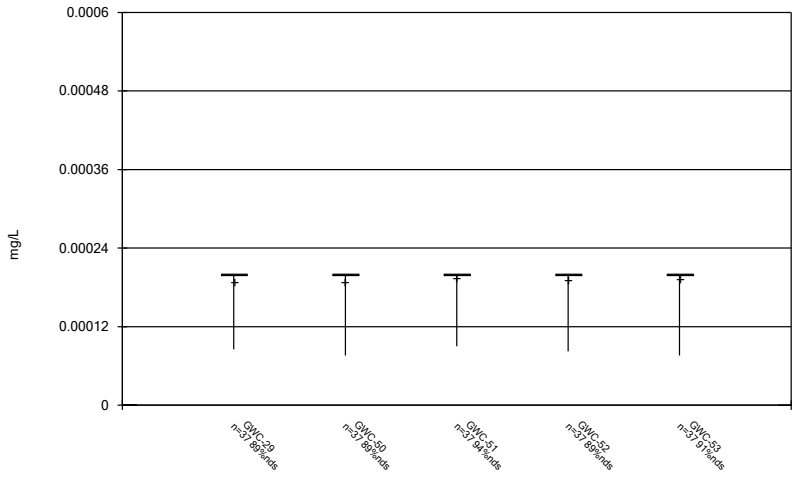


Constituent: Mercury Analysis Run 6/10/2025 11:24 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot

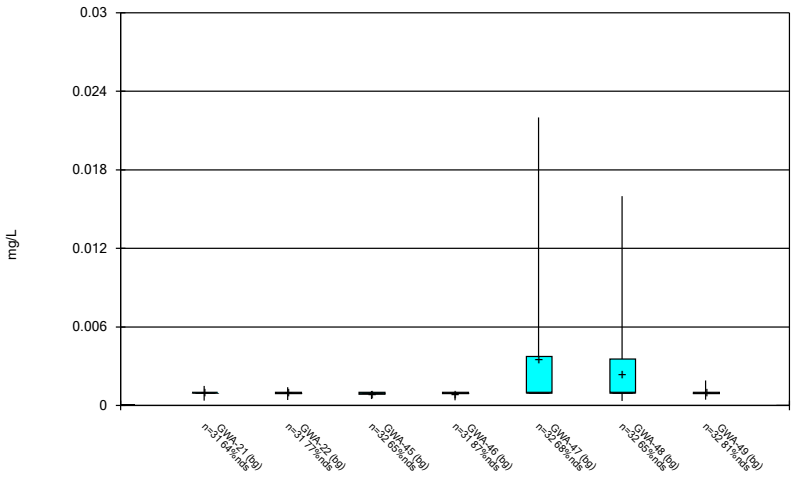


Constituent: Mercury Analysis Run 6/10/2025 11:24 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot

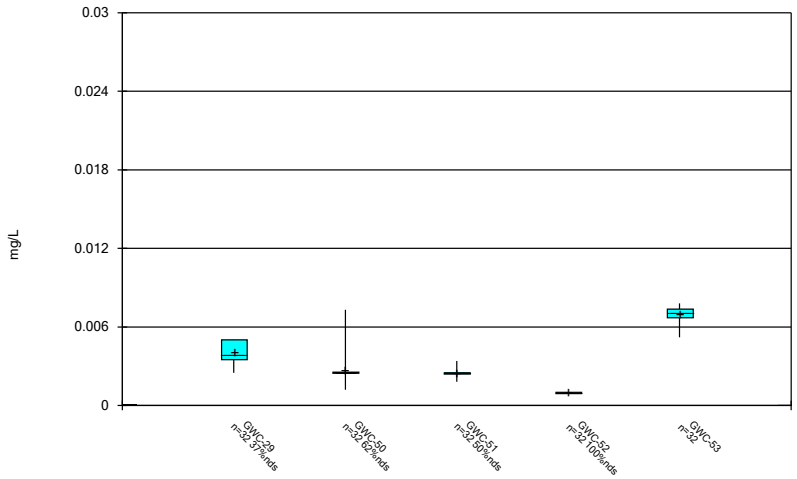


Constituent: Nickel Analysis Run 6/10/2025 11:24 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot

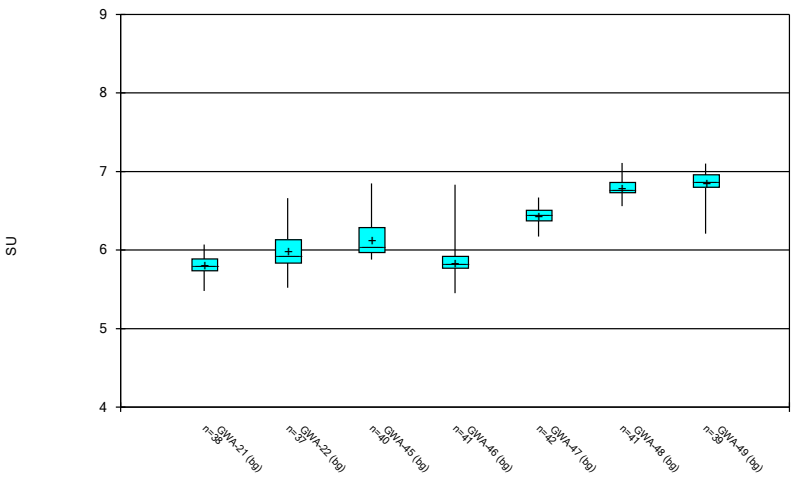


Constituent: Nickel Analysis Run 6/10/2025 11:24 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot

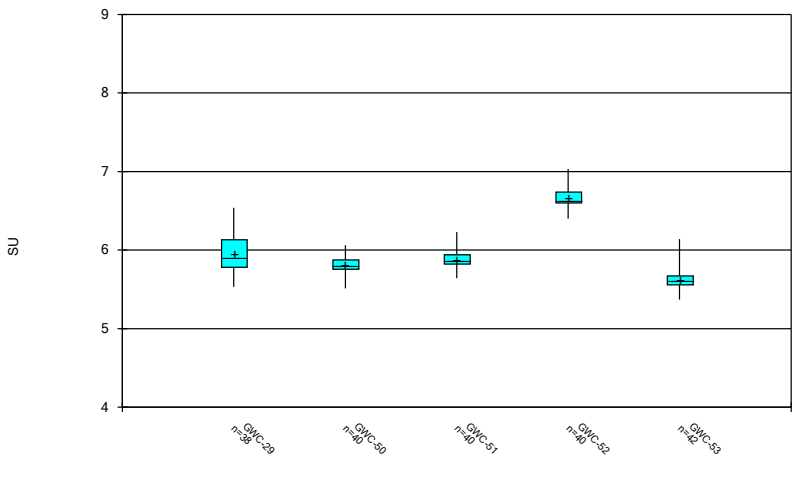


Constituent: pH, Field Analysis Run 6/10/2025 11:24 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot

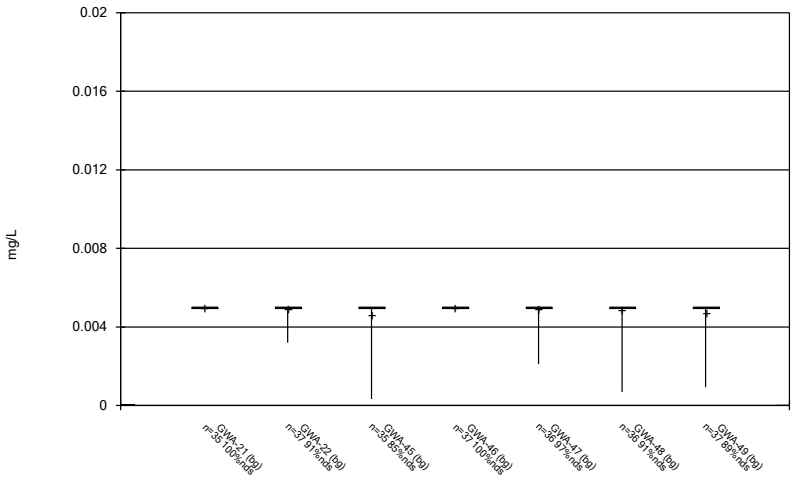


Constituent: pH, Field Analysis Run 6/10/2025 11:24 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot

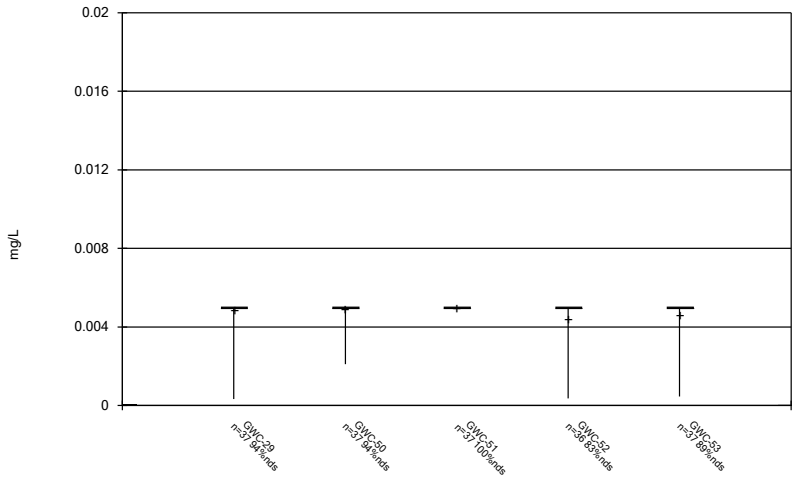


Constituent: Selenium Analysis Run 6/10/2025 11:24 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot

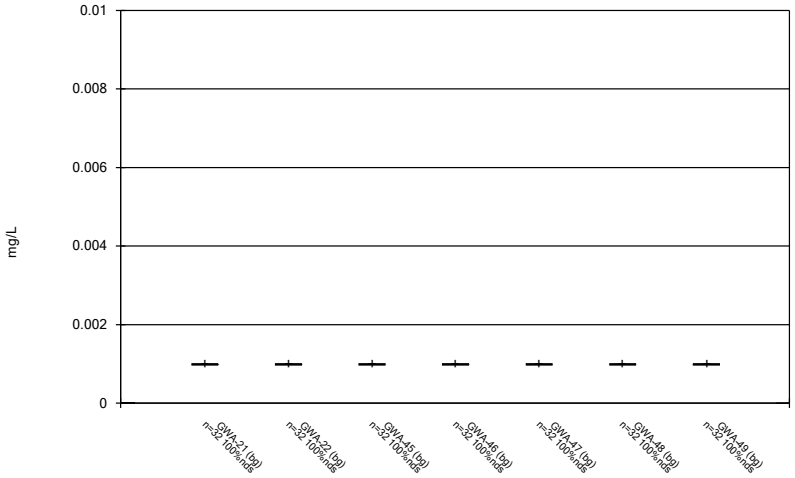


Constituent: Selenium Analysis Run 6/10/2025 11:24 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot

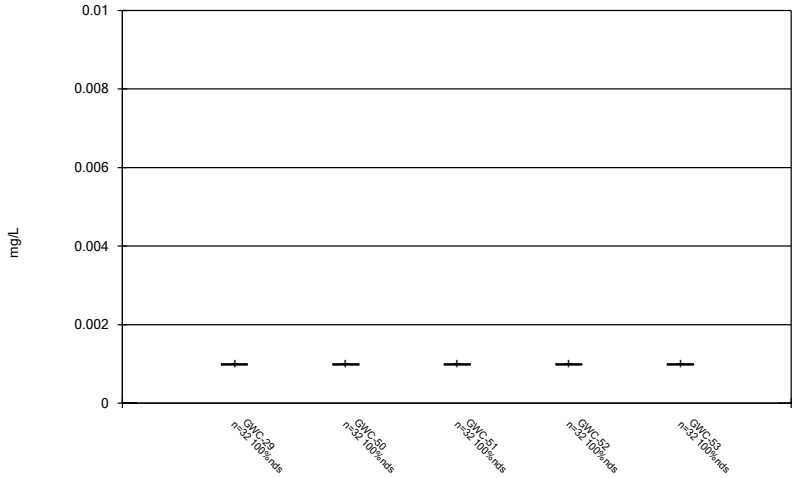


Constituent: Silver Analysis Run 6/10/2025 11:24 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Box & Whiskers Plot

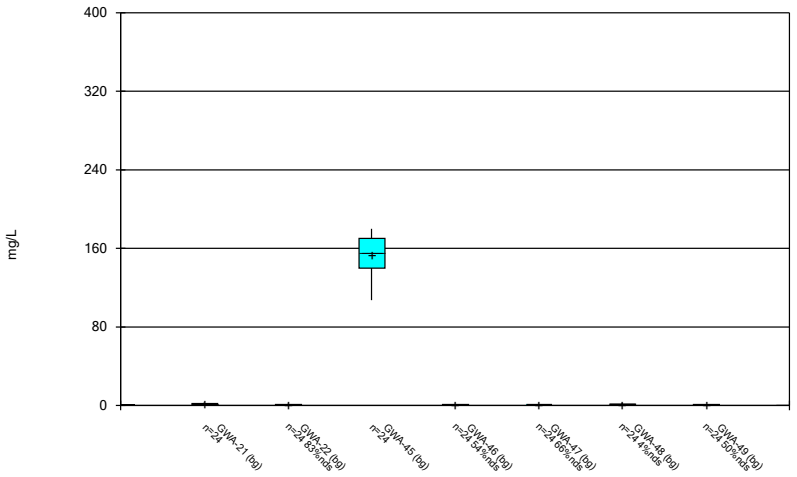


Constituent: Silver Analysis Run 6/10/2025 11:24 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot

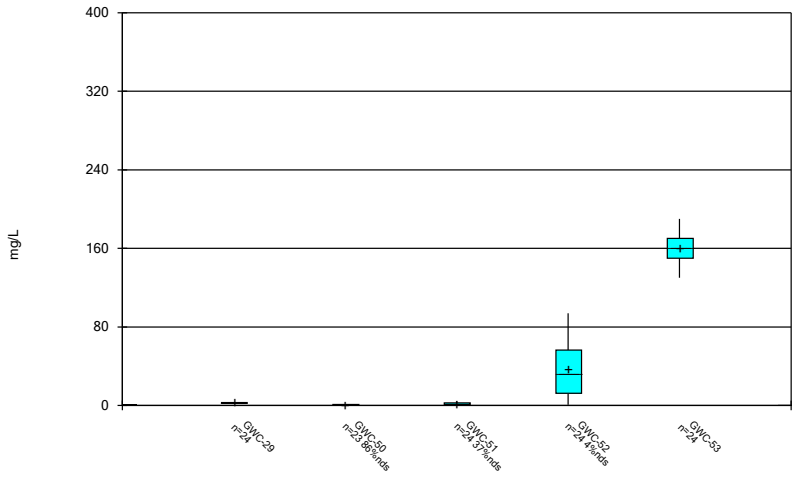


Constituent: Sulfate Analysis Run 6/10/2025 11:24 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Box & Whiskers Plot

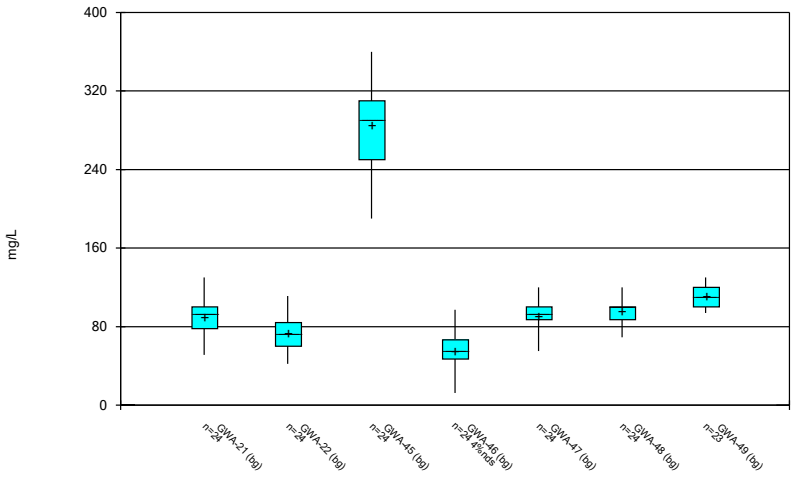


Constituent: Sulfate Analysis Run 6/10/2025 11:24 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot

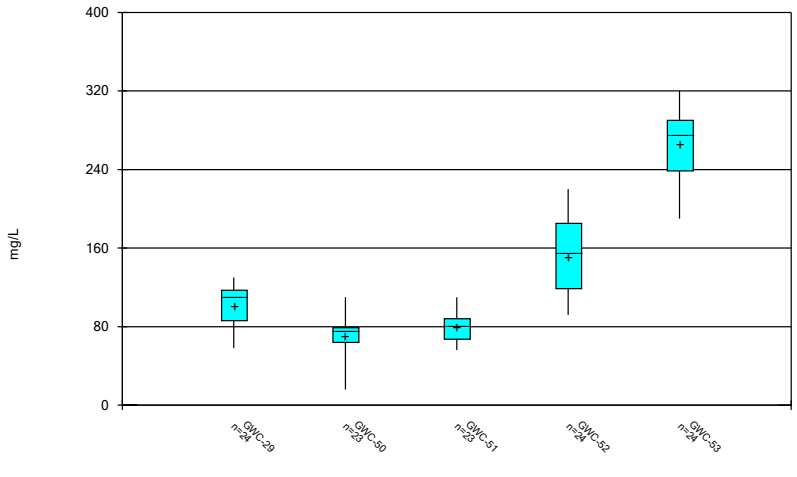


Constituent: TDS Analysis Run 6/10/2025 11:24 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot

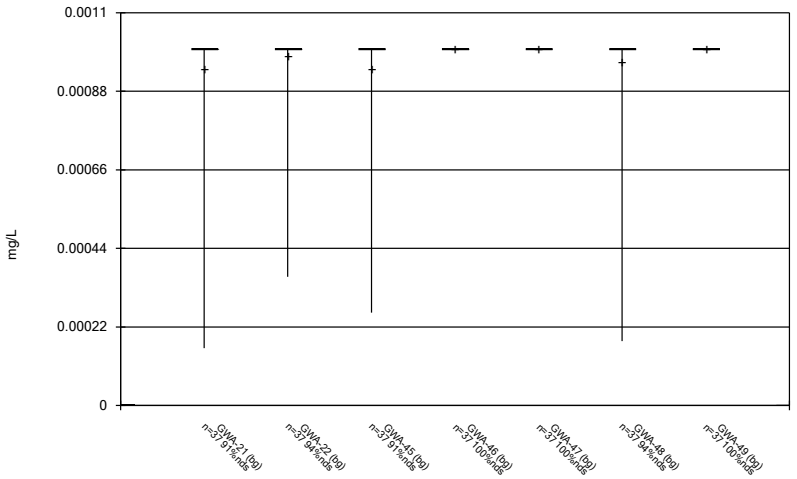


Constituent: TDS Analysis Run 6/10/2025 11:24 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

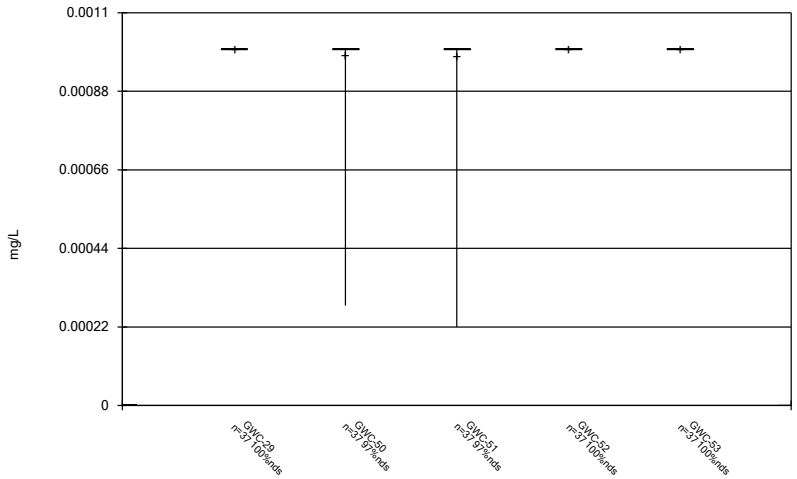
Box & Whiskers Plot



Constituent: Thallium Analysis Run 6/10/2025 11:24 AM
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

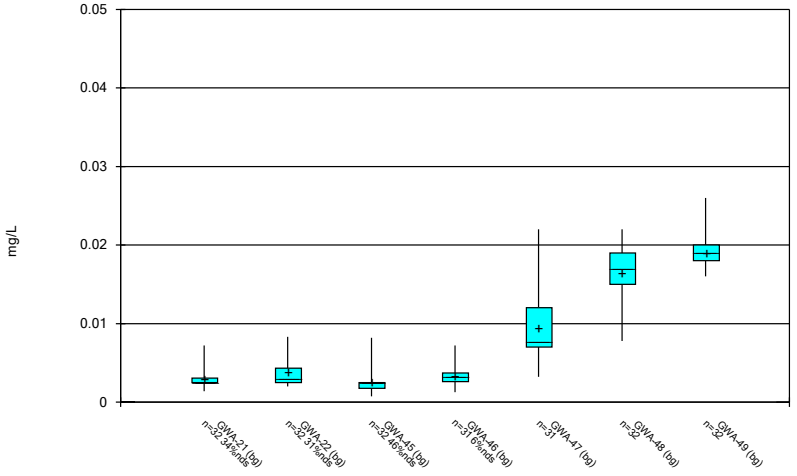
Box & Whiskers Plot



Constituent: Thallium Analysis Run 6/10/2025 11:24 AM
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

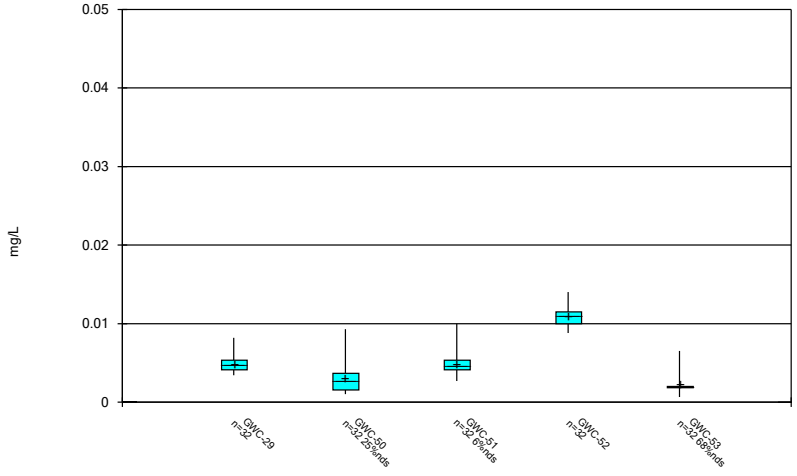
Box & Whiskers Plot



Constituent: Vanadium Analysis Run 6/10/2025 11:24 AM
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

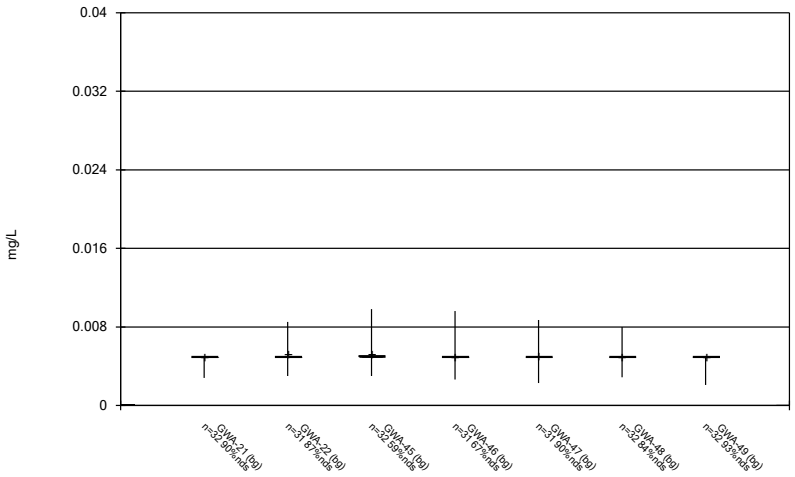
Box & Whiskers Plot



Constituent: Vanadium Analysis Run 6/10/2025 11:24 AM
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot

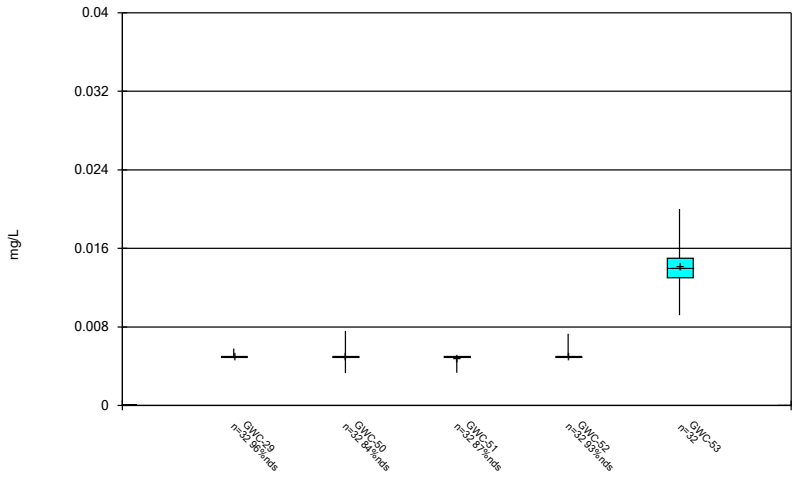


Constituent: Zinc Analysis Run 6/10/2025 11:24 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Zinc Analysis Run 6/10/2025 11:24 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

FIGURE C.

Outlier Summary

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 4/24/2025, 10:50 AM

	GWA-21 Barium (mg/L)	GWA-45 Barium (mg/L)	GWA-46 Barium (mg/L)	GWA-47 Barium (mg/L)	GWA-48 Barium (mg/L)	GWC-50 Boron (mg/L)	GWC-50 Calcium (mg/L)	GWA-45 Chloride (mg/L)	GWA-48 Chloride (mg/L)	GWC-29 Chloride (mg/L)
12/20/2010										
12/21/2010					0.055 (JO)					
12/22/2010										
2/14/2011					0.05 (JO)					
3/21/2011										
4/26/2011										
10/26/2011										
5/1/2012										
11/8/2012			0.048 (O)							
11/4/2013										
11/5/2013										
5/23/2014				0.088 (O)						
5/20/2015										
5/21/2015										
5/22/2015										
5/25/2015										
11/13/2015										
4/11/2016										1.57 (O)
6/14/2016										
12/19/2016									2.7 (O)	
2/13/2017										
10/9/2017										
3/26/2018										
10/3/2018	0.022 (O)									
9/12/2019		0.1 (O)								
12/2/2019		0.11 (O)								
3/19/2020		0.11 (O)								
9/11/2020		0.15 (O)								
4/2/2021		0.11 (O)								
3/1/2023						0.95 (o)	20 (o)			
8/8/2024								27 (o)		

Outlier Summary

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 4/24/2025, 10:50 AM

	GWC-50 Chloride (mg/L)	GWC-51 Chloride (mg/L)	GWC-52 Chloride (mg/L)	GWC-53 Chloride (mg/L)	GWA-22 Cobalt (mg/L)	GWA-45 Cobalt (mg/L)	GWA-47 Cobalt (mg/L)	GWA-48 Cobalt (mg/L)	GWA-21 Copper (mg/L)	GWA-22 Copper (mg/L)
12/20/2010						0.012 (o)	0.0033 (JO)			
12/21/2010										
12/22/2010					0.0038 (JO)					
2/14/2011						0.0093 (Jo)				
3/21/2011						0.0076 (Jo)				
4/26/2011						0.0058 (Io)				
10/26/2011						0.005 (Jo)				
5/1/2012								0.0039 (O)		
11/8/2012										
11/4/2013										
11/5/2013										
5/23/2014							0.0048 (JO)			
5/20/2015										
5/21/2015									0.0028 (JO)	
5/22/2015										
5/25/2015										
11/13/2015										0.078 (O)
4/11/2016		2.09 (O)	<0.25 (O)							
6/14/2016										
12/19/2016										
2/13/2017										
10/9/2017										
3/26/2018										
10/3/2018										
9/12/2019										
12/2/2019										
3/19/2020										
9/11/2020										
4/2/2021										
3/1/2023	14 (o)									
8/8/2024				29 (o)						

Outlier Summary

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 4/24/2025, 10:50 AM

	GWA-46 Copper (mg/L)	GWA-47 Copper (mg/L)	GWA-48 Copper (mg/L)	GWC-29 Copper (mg/L)	GWC-50 Copper (mg/L)	GWC-52 Lead (mg/L)	GWC-53 Lead (mg/L)	GWA-21 Nickel (mg/L)	GWA-22 Nickel (mg/L)	GWA-46 Nickel (mg/L)
12/20/2010										
12/21/2010										
12/22/2010									0.003 (JO)	
2/14/2011			0.013 (O)							
3/21/2011										
4/26/2011										
10/26/2011										
5/1/2012										
11/8/2012	0.021 (O)									0.0035 (JO)
11/4/2013										
11/5/2013										
5/23/2014		0.06 (O)								
5/20/2015							0.0026 (JO)			
5/21/2015										
5/22/2015				0.0031 (JO)	0.0031 (JO)					
5/25/2015										
11/13/2015										
4/11/2016										
6/14/2016										
12/19/2016										
2/13/2017										
10/9/2017								0.0024 (JO)		
3/26/2018						0.0034 (O)				
10/3/2018										
9/12/2019										
12/2/2019										
3/19/2020										
9/11/2020										
4/2/2021										
3/1/2023										
8/8/2024										

Outlier Summary

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 4/24/2025, 10:50 AM

	GWC-51 pH, Field (SU)	GWC-52 pH, Field (SU)	GWA-21 Selenium (mg/L)	GWA-45 Selenium (mg/L)	GWA-47 Selenium (mg/L)	GWA-48 Selenium (mg/L)	GWC-52 Selenium (mg/L)	GWA-45 Sulfate (mg/L)	GWC-50 Sulfate (mg/L)	GWC-53 Sulfate (mg/L)
12/20/2010										
12/21/2010										
12/22/2010										
2/14/2011										
3/21/2011										
4/26/2011										
10/26/2011										
5/1/2012										
11/8/2012										
11/4/2013			0.0061 (JO)							
11/5/2013					0.0064 (JO)					
5/23/2014										
5/20/2015				0.0093 (JO)						
5/21/2015			0.0072 (JO)			0.0077 (JO)				
5/22/2015							0.0067 (JO)			
5/25/2015	8.36 (O)	7.63 (O)								
11/13/2015				0.0061 (JO)						
4/11/2016										
6/14/2016										
12/19/2016										
2/13/2017										
10/9/2017										
3/26/2018										
10/3/2018										
9/12/2019										
12/2/2019										
3/19/2020										
9/11/2020										
4/2/2021										
3/1/2023									170 (o)	
8/8/2024								300 (o)		340 (o)

Outlier Summary

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 4/24/2025, 10:50 AM

	GWA-49 TDS (mg/L)	GWC-50 TDS (mg/L)	GWC-51 TDS (mg/L)	GWA-46 Vanadium (mg/L)	GWA-47 Vanadium (mg/L)	GWA-22 Zinc (mg/L)	GWA-46 Zinc (mg/L)	GWA-47 Zinc (mg/L)	GWC-50 Zinc (mg/L)
12/20/2010									
12/21/2010									
12/22/2010									
2/14/2011									
3/21/2011									
4/26/2011									
10/26/2011									
5/1/2012									
11/8/2012				0.02 (O)			0.013 (JO)		
11/4/2013									
11/5/2013									
5/23/2014					0.041 (O)			0.014 (JO)	
5/20/2015									
5/21/2015									
5/22/2015									
5/25/2015									
11/13/2015						0.039 (O)			
4/11/2016									
6/14/2016	56 (O)								
12/19/2016									
2/13/2017			12 (O)						
10/9/2017									
3/26/2018									
10/3/2018									
9/12/2019									
12/2/2019									
3/19/2020									
9/11/2020									
4/2/2021									
3/1/2023		290 (o)							0.016 (o)
8/8/2024									

Tukey's Outlier Test - Significant Results

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 4/17/2025, 10:54 AM

Constituent	Well	Outlier	Value(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Barium (mg/L)	GWA-46 (bg)	Yes	0.048	NP	NaN	37	0.02099	0.004956	ln(x)	ShapiroWilk
Barium (mg/L)	GWA-48 (bg)	Yes	0.055,0.05	NP	NaN	37	0.0168	0.009501	ln(x)	ShapiroWilk
Barium (mg/L)	GWC-50	Yes	0.029,0.038	NP	NaN	37	0.01339	0.00525	ln(x)	ShapiroWilk
Barium (mg/L)	GWC-51	Yes	0.019	NP	NaN	37	0.01029	0.001798	ln(x)	ShapiroWilk
Calcium (mg/L)	GWC-50	Yes	20	NP	NaN	24	7.785	2.644	ln(x)	ShapiroWilk
Chloride (mg/L)	GWA-48 (bg)	Yes	2.7	NP	NaN	24	1.798	0.2295	ln(x)	ShapiroWilk
Chloride (mg/L)	GWC-50	Yes	14	NP	NaN	25	2.388	2.423	ln(x)	ShapiroWilk
Chloride (mg/L)	GWC-53	Yes	29	NP	NaN	27	12.53	3.712	ln(x)	ShapiroWilk
Chromium (mg/L)	GWA-47 (bg)	Yes	0.044,0.045	NP	NaN	37	0.01194	0.009327	ln(x)	ShapiroWilk
Chromium (mg/L)	GWC-50	Yes	0.0089	NP	NaN	37	0.004324	0.001337	normal	ShapiroWilk
Chromium (mg/L)	GWC-53	Yes	0.0035,0.0041,0.0053	NP	NaN	37	0.002146	0.0008109	ln(x)	ShapiroWilk
Cobalt (mg/L)	GWA-22 (bg)	Yes	0.0038	NP	NaN	37	0.002074	0.0008946	x^2	ShapiroWilk
Copper (mg/L)	GWA-48 (bg)	Yes	0.0084,0.013,0.0061,0.0039,0.00083,0.00093	NP	NaN	32	0.002764	0.002334	ln(x)	ShapiroWilk
Lead (mg/L)	GWA-49 (bg)	Yes	0.0046,0.006,0.0062	NP	NaN	37	0.001663	0.001423	ln(x)	ShapiroWilk
Lead (mg/L)	GWC-52	Yes	0.0059,0.006	NP	NaN	37	0.001708	0.001399	x^(1/3)	ShapiroWilk
Nickel (mg/L)	GWA-21 (bg)	Yes	0.0024,0.00097,0.00097,0.00037,0.00095,0.00046,0.	NP	NaN	32	0.001023	0.0003089	x^(1/3)	ShapiroWilk
Nickel (mg/L)	GWC-50	Yes	0.0012,0.0015,0.0017,0.0019,0.0036,0.0031,0.0073,	NP	NaN	32	0.002666	0.0009667	ln(x)	ShapiroWilk
Nickel (mg/L)	GWC-51	Yes	0.0018,0.0021,0.0021,0.0019,0.002,0.002,0.0034	NP	NaN	32	0.002441	0.0002917	x^(1/3)	ShapiroWilk
pH, Field (SU)	GWA-46 (bg)	Yes	6.83	NP	NaN	41	5.833	0.2014	ln(x)	ShapiroWilk
pH, Field (SU)	GWC-51	Yes	8.36	NP	NaN	41	5.93	0.404	ln(x)	ShapiroWilk
pH, Field (SU)	GWC-52	Yes	7.63	NP	NaN	41	6.682	0.2022	ln(x)	ShapiroWilk
pH, Field (SU)	GWC-53	Yes	6.14	NP	NaN	42	5.621	0.1233	ln(x)	ShapiroWilk
Sulfate (mg/L)	GWC-53	Yes	340	NP	NaN	25	167.4	39.23	ln(x)	ShapiroWilk
TDS (mg/L)	GWC-50	Yes	16,290	NP	NaN	24	80.08	48.25	ln(x)	ShapiroWilk
Vanadium (mg/L)	GWA-21 (bg)	Yes	0.0067,0.0072	NP	NaN	32	0.002944	0.001204	ln(x)	ShapiroWilk
Vanadium (mg/L)	GWA-45 (bg)	Yes	0.0082	NP	NaN	32	0.002527	0.00139	ln(x)	ShapiroWilk
Vanadium (mg/L)	GWA-46 (bg)	Yes	0.02	NP	NaN	32	0.003935	0.003236	ln(x)	ShapiroWilk
Zinc (mg/L)	GWA-46 (bg)	Yes	0.013,0.00265,0.0096,0.0091,0.0035,0.0035,0.0038,	NP	NaN	32	0.005155	0.001981	ln(x)	ShapiroWilk

Tukey's Outlier Test - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 4/17/2025, 10:54 AM

Constituent	Well	Outlier	Value(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Antimony (mg/L)	GWA-21 (bg)	n/a	n/a	NP	NaN	37	0.001973	0.0001644	unknown	ShapiroWilk
Antimony (mg/L)	GWA-22 (bg)	No	n/a	NP	NaN	37	0.002	0	normal	ShapiroWilk
Antimony (mg/L)	GWA-45 (bg)	No	n/a	NP	NaN	37	0.002	0	normal	ShapiroWilk
Antimony (mg/L)	GWA-46 (bg)	n/a	n/a	NP	NaN	37	0.001957	0.000263	unknown	ShapiroWilk
Antimony (mg/L)	GWA-47 (bg)	n/a	n/a	NP	NaN	37	0.001962	0.0002318	unknown	ShapiroWilk
Antimony (mg/L)	GWA-48 (bg)	n/a	n/a	NP	NaN	37	0.00197	0.0001825	unknown	ShapiroWilk
Antimony (mg/L)	GWA-49 (bg)	No	n/a	NP	NaN	37	0.002	0	normal	ShapiroWilk
Antimony (mg/L)	GWC-29	No	n/a	NP	NaN	37	0.002	0	normal	ShapiroWilk
Antimony (mg/L)	GWC-50	No	n/a	NP	NaN	37	0.002	0	normal	ShapiroWilk
Antimony (mg/L)	GWC-51	n/a	n/a	NP	NaN	37	0.001969	0.0001858	unknown	ShapiroWilk
Antimony (mg/L)	GWC-52	No	n/a	NP	NaN	37	0.002	0	normal	ShapiroWilk
Antimony (mg/L)	GWC-53	No	n/a	NP	NaN	37	0.002	0	normal	ShapiroWilk
Arsenic (mg/L)	GWA-21 (bg)	No	n/a	NP	NaN	37	0.001	0	normal	ShapiroWilk
Arsenic (mg/L)	GWA-22 (bg)	n/a	n/a	NP	NaN	37	0.0009968	0.00001973	unknown	ShapiroWilk
Arsenic (mg/L)	GWA-45 (bg)	n/a	n/a	NP	NaN	37	0.0009986	0.0001377	unknown	ShapiroWilk
Arsenic (mg/L)	GWA-46 (bg)	n/a	n/a	NP	NaN	37	0.001008	0.00004932	unknown	ShapiroWilk
Arsenic (mg/L)	GWA-47 (bg)	n/a	n/a	NP	NaN	37	0.001003	0.00001644	unknown	ShapiroWilk
Arsenic (mg/L)	GWA-48 (bg)	n/a	n/a	NP	NaN	37	0.0009784	0.0001144	unknown	ShapiroWilk
Arsenic (mg/L)	GWA-49 (bg)	n/a	n/a	NP	NaN	37	0.00099	0.00007944	unknown	ShapiroWilk
Arsenic (mg/L)	GWC-29	n/a	n/a	NP	NaN	37	0.001011	0.00005155	unknown	ShapiroWilk
Arsenic (mg/L)	GWC-50	n/a	n/a	NP	NaN	37	0.0009897	0.00008105	unknown	ShapiroWilk
Arsenic (mg/L)	GWC-51	No	n/a	NP	NaN	37	0.001	0	normal	ShapiroWilk
Arsenic (mg/L)	GWC-52	n/a	n/a	NP	NaN	37	0.0009814	0.0001134	unknown	ShapiroWilk
Arsenic (mg/L)	GWC-53	n/a	n/a	NP	NaN	37	0.001014	0.00005355	unknown	ShapiroWilk
Barium (mg/L)	GWA-21 (bg)	No	n/a	NP	NaN	37	0.02235	0.002944	ln(x)	ShapiroWilk
Barium (mg/L)	GWA-22 (bg)	No	n/a	NP	NaN	37	0.02404	0.002949	ln(x)	ShapiroWilk
Barium (mg/L)	GWA-45 (bg)	No	n/a	NP	NaN	38	0.05027	0.03147	ln(x)	ShapiroWilk
Barium (mg/L)	**GWA-46 (bg)**	**Yes**	**0.048**	**NP**	**NaN**	**37**	**0.02099**	**0.004956**	**ln(x)**	**ShapiroWilk**
Barium (mg/L)	GWA-47 (bg)	No	n/a	NP	NaN	37	0.03135	0.01149	ln(x)	ShapiroWilk
Barium (mg/L)	**GWA-48 (bg)**	**Yes**	**0.055,0.05**	**NP**	**NaN**	**37**	**0.0168**	**0.009501**	**ln(x)**	**ShapiroWilk**
Barium (mg/L)	GWA-49 (bg)	No	n/a	NP	NaN	37	0.01962	0.001535	ln(x)	ShapiroWilk
Barium (mg/L)	GWC-29	No	n/a	NP	NaN	37	0.01715	0.002775	ln(x)	ShapiroWilk
Barium (mg/L)	**GWC-50**	**Yes**	**0.029,0.038**	**NP**	**NaN**	**37**	**0.01339**	**0.00525**	**ln(x)**	**ShapiroWilk**
Barium (mg/L)	**GWC-51**	**Yes**	**0.019**	**NP**	**NaN**	**37**	**0.01029**	**0.001798**	**ln(x)**	**ShapiroWilk**
Barium (mg/L)	GWC-52	No	n/a	NP	NaN	37	0.01466	0.006079	ln(x)	ShapiroWilk
Barium (mg/L)	GWC-53	No	n/a	NP	NaN	37	0.05851	0.0227	ln(x)	ShapiroWilk
Beryllium (mg/L)	GWA-21 (bg)	No	n/a	NP	NaN	37	0.0025	0	normal	ShapiroWilk
Beryllium (mg/L)	GWA-22 (bg)	n/a	n/a	NP	NaN	37	0.002438	0.0003798	unknown	ShapiroWilk
Beryllium (mg/L)	GWA-45 (bg)	n/a	n/a	NP	NaN	37	0.002438	0.0003748	unknown	ShapiroWilk
Beryllium (mg/L)	GWA-46 (bg)	No	n/a	NP	NaN	37	0.0025	0	normal	ShapiroWilk
Beryllium (mg/L)	GWA-47 (bg)	No	n/a	NP	NaN	37	0.0025	0	normal	ShapiroWilk
Beryllium (mg/L)	GWA-48 (bg)	No	n/a	NP	NaN	37	0.0025	0	normal	ShapiroWilk
Beryllium (mg/L)	GWA-49 (bg)	No	n/a	NP	NaN	37	0.0025	0	normal	ShapiroWilk
Beryllium (mg/L)	GWC-29	No	n/a	NP	NaN	37	0.0025	0	normal	ShapiroWilk
Beryllium (mg/L)	GWC-50	No	n/a	NP	NaN	37	0.0025	0	normal	ShapiroWilk
Beryllium (mg/L)	GWC-51	n/a	n/a	NP	NaN	37	0.002433	0.0004077	unknown	ShapiroWilk
Beryllium (mg/L)	GWC-52	No	n/a	NP	NaN	37	0.0025	0	normal	ShapiroWilk
Beryllium (mg/L)	GWC-53	No	n/a	NP	NaN	37	0.0025	0	normal	ShapiroWilk
Boron (mg/L)	GWA-21 (bg)	n/a	n/a	NP	NaN	24	0.07559	0.01677	unknown	ShapiroWilk
Boron (mg/L)	GWA-22 (bg)	n/a	n/a	NP	NaN	24	0.07941	0.02967	unknown	ShapiroWilk
Boron (mg/L)	GWA-45 (bg)	No	n/a	NP	NaN	24	0.7757	0.3306	x^2	ShapiroWilk
Boron (mg/L)	GWA-46 (bg)	n/a	n/a	NP	NaN	24	0.07662	0.01719	unknown	ShapiroWilk
Boron (mg/L)	GWA-47 (bg)	n/a	n/a	NP	NaN	24	0.07478	0.01834	unknown	ShapiroWilk
Boron (mg/L)	GWA-48 (bg)	n/a	n/a	NP	NaN	24	0.07466	0.02197	unknown	ShapiroWilk
Boron (mg/L)	GWA-49 (bg)	n/a	n/a	NP	NaN	24	0.07758	0.01184	unknown	ShapiroWilk
Boron (mg/L)	GWC-29	n/a	n/a	NP	NaN	24	0.07425	0.01903	unknown	ShapiroWilk
Boron (mg/L)	GWC-50	n/a	n/a	NP	NaN	24	0.1162	0.1776	unknown	ShapiroWilk
Boron (mg/L)	GWC-51	n/a	n/a	NP	NaN	24	0.07256	0.02068	unknown	ShapiroWilk
Boron (mg/L)	GWC-52	n/a	n/a	NP	NaN	24	0.0698	0.02368	unknown	ShapiroWilk
Boron (mg/L)	GWC-53	No	n/a	NP	NaN	24	0.9635	0.08597	ln(x)	ShapiroWilk
Cadmium (mg/L)	GWA-21 (bg)	No	n/a	NP	NaN	37	0.0025	0	normal	ShapiroWilk
Cadmium (mg/L)	GWA-22 (bg)	No	n/a	NP	NaN	37	0.0025	0	normal	ShapiroWilk
Cadmium (mg/L)	GWA-45 (bg)	No	n/a	NP	NaN	37	0.0025	0	normal	ShapiroWilk
Cadmium (mg/L)	GWA-46 (bg)	No	n/a	NP	NaN	37	0.0025	0	normal	ShapiroWilk
Cadmium (mg/L)	GWA-47 (bg)	n/a	n/a	NP	NaN	37	0.002476	0.000148	unknown	ShapiroWilk
Cadmium (mg/L)	GWA-48 (bg)	No	n/a	NP	NaN	37	0.0025	0	normal	ShapiroWilk
Cadmium (mg/L)	GWA-49 (bg)	No	n/a	NP	NaN	37	0.0025	0	normal	ShapiroWilk
Cadmium (mg/L)	GWC-29	No	n/a	NP	NaN	37	0.0025	0	normal	ShapiroWilk

Tukey's Outlier Test - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 4/17/2025, 10:54 AM

Constituent	Well	Outlier	Value(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Cadmium (mg/L)	GWC-50	n/a	n/a	NP	NaN	37	0.002434	0.0003988	unknown	ShapiroWilk
Cadmium (mg/L)	GWC-51	No	n/a	NP	NaN	37	0.0025	0	normal	ShapiroWilk
Cadmium (mg/L)	GWC-52	n/a	n/a	NP	NaN	37	0.002437	0.000383	unknown	ShapiroWilk
Cadmium (mg/L)	GWC-53	n/a	n/a	NP	NaN	37	0.002435	0.0003962	unknown	ShapiroWilk
Calcium (mg/L)	GWA-21 (bg)	No	n/a	NP	NaN	24	8.228	1.44	x^(1/3)	ShapiroWilk
Calcium (mg/L)	GWA-22 (bg)	No	n/a	NP	NaN	24	7.808	1.787	ln(x)	ShapiroWilk
Calcium (mg/L)	GWA-45 (bg)	No	n/a	NP	NaN	24	32.18	7.169	normal	ShapiroWilk
Calcium (mg/L)	GWA-46 (bg)	No	n/a	NP	NaN	24	5.961	0.6345	normal	ShapiroWilk
Calcium (mg/L)	GWA-47 (bg)	No	n/a	NP	NaN	24	11.78	1.69	ln(x)	ShapiroWilk
Calcium (mg/L)	GWA-48 (bg)	No	n/a	NP	NaN	24	12.46	0.7655	x^4	ShapiroWilk
Calcium (mg/L)	GWA-49 (bg)	No	n/a	NP	NaN	24	14.31	0.8179	ln(x)	ShapiroWilk
Calcium (mg/L)	GWC-29	No	n/a	NP	NaN	24	13.18	3.864	ln(x)	ShapiroWilk
Calcium (mg/L)	**GWC-50**	**Yes**	**20**	**NP**	**NaN**	**24**	**7.785**	**2.644**	**ln(x)**	**ShapiroWilk**
Calcium (mg/L)	GWC-51	No	n/a	NP	NaN	24	7.1	0.7723	ln(x)	ShapiroWilk
Calcium (mg/L)	GWC-52	No	n/a	NP	NaN	24	17.96	5.574	ln(x)	ShapiroWilk
Calcium (mg/L)	GWC-53	No	n/a	NP	NaN	24	17.66	1.861	x^2	ShapiroWilk
Chloride (mg/L)	GWA-21 (bg)	No	n/a	NP	NaN	24	3.406	0.4435	x^3	ShapiroWilk
Chloride (mg/L)	GWA-22 (bg)	No	n/a	NP	NaN	24	2.554	0.8939	ln(x)	ShapiroWilk
Chloride (mg/L)	GWA-45 (bg)	No	n/a	NP	NaN	25	11.53	3.613	ln(x)	ShapiroWilk
Chloride (mg/L)	GWA-46 (bg)	No	n/a	NP	NaN	24	4.18	1.044	ln(x)	ShapiroWilk
Chloride (mg/L)	GWA-47 (bg)	No	n/a	NP	NaN	24	1.557	0.169	normal	ShapiroWilk
Chloride (mg/L)	**GWA-48 (bg)**	**Yes**	**2.7**	**NP**	**NaN**	**24**	**1.798**	**0.2295**	**ln(x)**	**ShapiroWilk**
Chloride (mg/L)	GWA-49 (bg)	No	n/a	NP	NaN	24	2.07	0.1256	ln(x)	ShapiroWilk
Chloride (mg/L)	GWC-29	No	n/a	NP	NaN	24	3.353	0.4821	x^4	ShapiroWilk
Chloride (mg/L)	**GWC-50**	**Yes**	**14**	**NP**	**NaN**	**25**	**2.388**	**2.423**	**ln(x)**	**ShapiroWilk**
Chloride (mg/L)	GWC-51	No	n/a	NP	NaN	24	7.045	1.253	x^4	ShapiroWilk
Chloride (mg/L)	GWC-52	No	n/a	NP	NaN	24	7.459	1.755	x^6	ShapiroWilk
Chloride (mg/L)	**GWC-53**	**Yes**	**29**	**NP**	**NaN**	**27**	**12.53**	**3.712**	**ln(x)**	**ShapiroWilk**
Chromium (mg/L)	GWA-21 (bg)	No	n/a	NP	NaN	37	0.002921	0.002039	ln(x)	ShapiroWilk
Chromium (mg/L)	GWA-22 (bg)	No	n/a	NP	NaN	37	0.007716	0.002579	normal	ShapiroWilk
Chromium (mg/L)	GWA-45 (bg)	n/a	n/a	NP	NaN	37	0.00198	0.0004893	unknown	ShapiroWilk
Chromium (mg/L)	GWA-46 (bg)	No	n/a	NP	NaN	37	0.004832	0.001126	ln(x)	ShapiroWilk
Chromium (mg/L)	**GWA-47 (bg)**	**Yes**	**0.044,0.045**	**NP**	**NaN**	**37**	**0.01194**	**0.009327**	**ln(x)**	**ShapiroWilk**
Chromium (mg/L)	GWA-48 (bg)	No	n/a	NP	NaN	37	0.00744	0.004777	ln(x)	ShapiroWilk
Chromium (mg/L)	GWA-49 (bg)	No	n/a	NP	NaN	37	0.006273	0.00135	ln(x)	ShapiroWilk
Chromium (mg/L)	GWC-29	No	n/a	NP	NaN	37	0.001997	0.0006427	ln(x)	ShapiroWilk
Chromium (mg/L)	**GWC-50**	**Yes**	**0.0089**	**NP**	**NaN**	**37**	**0.004324**	**0.001337**	**normal**	**ShapiroWilk**
Chromium (mg/L)	GWC-51	No	n/a	NP	NaN	37	0.004129	0.001618	ln(x)	ShapiroWilk
Chromium (mg/L)	GWC-52	No	n/a	NP	NaN	37	0.01746	0.01095	ln(x)	ShapiroWilk
Chromium (mg/L)	**GWC-53**	**Yes**	**0.0035,0.0041,0.0053**	**NP**	**NaN**	**37**	**0.002146**	**0.0008109**	**ln(x)**	**ShapiroWilk**
Cobalt (mg/L)	GWA-21 (bg)	No	n/a	NP	NaN	37	0.00175	0.001009	ln(x)	ShapiroWilk
Cobalt (mg/L)	**GWA-22 (bg)**	**Yes**	**0.0038**	**NP**	**NaN**	**37**	**0.002074**	**0.0008946**	**x^2**	**ShapiroWilk**
Cobalt (mg/L)	GWA-45 (bg)	No	n/a	NP	NaN	37	0.004229	0.003715	ln(x)	ShapiroWilk
Cobalt (mg/L)	GWA-46 (bg)	n/a	n/a	NP	NaN	37	0.002308	0.000657	unknown	ShapiroWilk
Cobalt (mg/L)	GWA-47 (bg)	n/a	n/a	NP	NaN	37	0.00235	0.0008571	unknown	ShapiroWilk
Cobalt (mg/L)	GWA-48 (bg)	n/a	n/a	NP	NaN	37	0.002353	0.0006833	unknown	ShapiroWilk
Cobalt (mg/L)	GWA-49 (bg)	n/a	n/a	NP	NaN	37	0.002213	0.0007398	unknown	ShapiroWilk
Cobalt (mg/L)	GWC-29	n/a	n/a	NP	NaN	37	0.002436	0.0003863	unknown	ShapiroWilk
Cobalt (mg/L)	GWC-50	n/a	n/a	NP	NaN	37	0.002655	0.001274	unknown	ShapiroWilk
Cobalt (mg/L)	GWC-51	n/a	n/a	NP	NaN	37	0.002255	0.0007159	unknown	ShapiroWilk
Cobalt (mg/L)	GWC-52	n/a	n/a	NP	NaN	37	0.002434	0.0003995	unknown	ShapiroWilk
Cobalt (mg/L)	GWC-53	No	n/a	NP	NaN	37	0.008588	0.003966	sqrt(x)	ShapiroWilk
Copper (mg/L)	GWA-21 (bg)	n/a	n/a	NP	NaN	32	0.001993	0.0002853	unknown	ShapiroWilk
Copper (mg/L)	GWA-22 (bg)	n/a	n/a	NP	NaN	32	0.004406	0.01343	unknown	ShapiroWilk
Copper (mg/L)	GWA-45 (bg)	n/a	n/a	NP	NaN	32	0.002169	0.0009139	unknown	ShapiroWilk
Copper (mg/L)	GWA-46 (bg)	n/a	n/a	NP	NaN	32	0.002594	0.003359	unknown	ShapiroWilk
Copper (mg/L)	GWA-47 (bg)	No	n/a	NP	NaN	32	0.007828	0.01166	ln(x)	ShapiroWilk
Copper (mg/L)	**GWA-48 (bg)**	**Yes**	**0.0084,0.013,0.0061,0.0039,0.00083,0.00093**	**NP**	**NaN**	**32**	**0.002764**	**0.002334**	**ln(x)**	**ShapiroWilk**
Copper (mg/L)	GWA-49 (bg)	n/a	n/a	NP	NaN	32	0.001988	0.0002768	unknown	ShapiroWilk
Copper (mg/L)	GWC-29	n/a	n/a	NP	NaN	32	0.002034	0.0001945	unknown	ShapiroWilk
Copper (mg/L)	GWC-50	n/a	n/a	NP	NaN	32	0.002094	0.0005136	unknown	ShapiroWilk
Copper (mg/L)	GWC-51	n/a	n/a	NP	NaN	32	0.001969	0.0002086	unknown	ShapiroWilk
Copper (mg/L)	GWC-52	No	n/a	NP	NaN	32	0.002	0	normal	ShapiroWilk
Copper (mg/L)	GWC-53	No	n/a	NP	NaN	32	0.002	0	normal	ShapiroWilk
Fluoride (mg/L)	GWA-21 (bg)	No	n/a	NP	NaN	24	0.07713	0.02846	ln(x)	ShapiroWilk
Fluoride (mg/L)	GWA-22 (bg)	No	n/a	NP	NaN	24	0.07492	0.03052	ln(x)	ShapiroWilk
Fluoride (mg/L)	GWA-45 (bg)	No	n/a	NP	NaN	24	0.7607	0.4235	ln(x)	ShapiroWilk
Fluoride (mg/L)	GWA-46 (bg)	No	n/a	NP	NaN	24	0.08496	0.02809	x^6	ShapiroWilk

Tukey's Outlier Test - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 4/17/2025, 10:54 AM

Constituent	Well	Outlier	Value(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Fluoride (mg/L)	GWA-47 (bg)	No	n/a	NP	NaN	24	0.08004	0.02634	ln(x)	ShapiroWilk
Fluoride (mg/L)	GWA-48 (bg)	No	n/a	NP	NaN	24	0.07617	0.02777	ln(x)	ShapiroWilk
Fluoride (mg/L)	GWA-49 (bg)	No	n/a	NP	NaN	24	0.07425	0.02954	ln(x)	ShapiroWilk
Fluoride (mg/L)	GWC-29	No	n/a	NP	NaN	24	0.07683	0.02827	x^(1/3)	ShapiroWilk
Fluoride (mg/L)	GWC-50	No	n/a	NP	NaN	24	0.08063	0.02905	x^(1/3)	ShapiroWilk
Fluoride (mg/L)	GWC-51	No	n/a	NP	NaN	24	0.08267	0.02683	normal	ShapiroWilk
Fluoride (mg/L)	GWC-52	No	n/a	NP	NaN	24	0.1391	0.07427	ln(x)	ShapiroWilk
Fluoride (mg/L)	GWC-53	n/a	n/a	NP	NaN	24	0.84	0.3654	unknown	ShapiroWilk
Lead (mg/L)	GWA-21 (bg)	n/a	n/a	NP	NaN	37	0.001344	0.0008456	unknown	ShapiroWilk
Lead (mg/L)	GWA-22 (bg)	n/a	n/a	NP	NaN	37	0.001274	0.0008275	unknown	ShapiroWilk
Lead (mg/L)	GWA-45 (bg)	n/a	n/a	NP	NaN	37	0.001365	0.0008846	unknown	ShapiroWilk
Lead (mg/L)	GWA-46 (bg)	n/a	n/a	NP	NaN	37	0.001257	0.0006805	unknown	ShapiroWilk
Lead (mg/L)	GWA-47 (bg)	n/a	n/a	NP	NaN	37	0.001602	0.001356	unknown	ShapiroWilk
Lead (mg/L)	GWA-48 (bg)	n/a	n/a	NP	NaN	37	0.001538	0.00125	unknown	ShapiroWilk
Lead (mg/L)	**GWA-49 (bg)**	**Yes**	**0.0046,0.006,0.0062**	**NP**	**NaN**	**37**	**0.001663**	**0.001423**	**ln(x)**	**ShapiroWilk**
Lead (mg/L)	GWC-29	n/a	n/a	NP	NaN	37	0.001286	0.0007134	unknown	ShapiroWilk
Lead (mg/L)	GWC-50	n/a	n/a	NP	NaN	37	0.001333	0.0009294	unknown	ShapiroWilk
Lead (mg/L)	GWC-51	n/a	n/a	NP	NaN	37	0.001306	0.0008168	unknown	ShapiroWilk
Lead (mg/L)	**GWC-52**	**Yes**	**0.0059,0.006**	**NP**	**NaN**	**37**	**0.001708**	**0.001399**	**x^(1/3)**	**ShapiroWilk**
Lead (mg/L)	GWC-53	n/a	n/a	NP	NaN	37	0.001021	0.0002997	unknown	ShapiroWilk
Mercury (mg/L)	GWA-21 (bg)	n/a	n/a	NP	NaN	37	0.0001842	0.0000405	unknown	ShapiroWilk
Mercury (mg/L)	GWA-22 (bg)	n/a	n/a	NP	NaN	37	0.00019	0.00002998	unknown	ShapiroWilk
Mercury (mg/L)	GWA-45 (bg)	n/a	n/a	NP	NaN	37	0.0001903	0.0000295	unknown	ShapiroWilk
Mercury (mg/L)	GWA-46 (bg)	n/a	n/a	NP	NaN	37	0.0001883	0.00003427	unknown	ShapiroWilk
Mercury (mg/L)	GWA-47 (bg)	n/a	n/a	NP	NaN	37	0.000185	0.0000387	unknown	ShapiroWilk
Mercury (mg/L)	GWA-48 (bg)	n/a	n/a	NP	NaN	37	0.0001899	0.00003023	unknown	ShapiroWilk
Mercury (mg/L)	GWA-49 (bg)	n/a	n/a	NP	NaN	37	0.0001893	0.00003215	unknown	ShapiroWilk
Mercury (mg/L)	GWC-29	n/a	n/a	NP	NaN	37	0.0001883	0.00003404	unknown	ShapiroWilk
Mercury (mg/L)	GWC-50	n/a	n/a	NP	NaN	37	0.0001879	0.00003538	unknown	ShapiroWilk
Mercury (mg/L)	GWC-51	n/a	n/a	NP	NaN	37	0.0001946	0.00002305	unknown	ShapiroWilk
Mercury (mg/L)	GWC-52	n/a	n/a	NP	NaN	37	0.0001895	0.00003116	unknown	ShapiroWilk
Mercury (mg/L)	GWC-53	n/a	n/a	NP	NaN	37	0.0001914	0.0000297	unknown	ShapiroWilk
Nickel (mg/L)	**GWA-21 (bg)**	**Yes**	**0.0024,0.00097,0.00097,0.00037,0.00095,0.00046,0.**	**NP**	**NaN**	**32**	**0.001023**	**0.0003089**	**x^(1/3)**	**ShapiroWilk**
Nickel (mg/L)	GWA-22 (bg)	n/a	n/a	NP	NaN	32	0.001003	0.0004095	unknown	ShapiroWilk
Nickel (mg/L)	GWA-45 (bg)	n/a	n/a	NP	NaN	32	0.0009097	0.0001685	unknown	ShapiroWilk
Nickel (mg/L)	GWA-46 (bg)	n/a	n/a	NP	NaN	32	0.001013	0.0004873	unknown	ShapiroWilk
Nickel (mg/L)	GWA-47 (bg)	No	n/a	NP	NaN	32	0.003547	0.005244	ln(x)	ShapiroWilk
Nickel (mg/L)	GWA-48 (bg)	No	n/a	NP	NaN	32	0.002433	0.003168	ln(x)	ShapiroWilk
Nickel (mg/L)	GWA-49 (bg)	n/a	n/a	NP	NaN	32	0.0009697	0.0002288	unknown	ShapiroWilk
Nickel (mg/L)	GWC-29	No	n/a	NP	NaN	32	0.004102	0.0008207	ln(x)	ShapiroWilk
Nickel (mg/L)	**GWC-50**	**Yes**	**0.0012,0.0015,0.0017,0.0019,0.0036,0.0031,0.0073,**	**NP**	**NaN**	**32**	**0.002666**	**0.0009667**	**ln(x)**	**ShapiroWilk**
Nickel (mg/L)	**GWC-51**	**Yes**	**0.0018,0.0021,0.0021,0.0019,0.002,0.002,0.0034**	**NP**	**NaN**	**32**	**0.002441**	**0.0002917**	**x^(1/3)**	**ShapiroWilk**
Nickel (mg/L)	GWC-52	No	n/a	NP	NaN	32	0.001	0	normal	ShapiroWilk
Nickel (mg/L)	GWC-53	No	n/a	NP	NaN	32	0.006966	0.0006312	x^6	ShapiroWilk
pH, Field (SU)	GWA-21 (bg)	No	n/a	NP	NaN	38	5.808	0.1372	x^3	ShapiroWilk
pH, Field (SU)	GWA-22 (bg)	No	n/a	NP	NaN	37	5.985	0.2261	ln(x)	ShapiroWilk
pH, Field (SU)	GWA-45 (bg)	No	n/a	NP	NaN	40	6.133	0.2154	ln(x)	ShapiroWilk
pH, Field (SU)	**GWA-46 (bg)**	**Yes**	**6.83**	**NP**	**NaN**	**41**	**5.833**	**0.2014**	**ln(x)**	**ShapiroWilk**
pH, Field (SU)	GWA-47 (bg)	No	n/a	NP	NaN	42	6.437	0.1026	x^4	ShapiroWilk
pH, Field (SU)	GWA-48 (bg)	No	n/a	NP	NaN	41	6.793	0.1024	ln(x)	ShapiroWilk
pH, Field (SU)	GWA-49 (bg)	No	n/a	NP	NaN	39	6.849	0.1573	x^6	ShapiroWilk
pH, Field (SU)	GWC-29	No	n/a	NP	NaN	38	5.94	0.2437	ln(x)	ShapiroWilk
pH, Field (SU)	GWC-50	No	n/a	NP	NaN	40	5.801	0.1207	x^6	ShapiroWilk
pH, Field (SU)	**GWC-51**	**Yes**	**8.36**	**NP**	**NaN**	**41**	**5.93**	**0.404**	**ln(x)**	**ShapiroWilk**
pH, Field (SU)	**GWC-52**	**Yes**	**7.63**	**NP**	**NaN**	**41**	**6.682**	**0.2022**	**ln(x)**	**ShapiroWilk**
pH, Field (SU)	**GWC-53**	**Yes**	**6.14**	**NP**	**NaN**	**42**	**5.621**	**0.1233**	**ln(x)**	**ShapiroWilk**
Selenium (mg/L)	GWA-21 (bg)	n/a	n/a	NP	NaN	37	0.005089	0.0003998	unknown	ShapiroWilk
Selenium (mg/L)	GWA-22 (bg)	n/a	n/a	NP	NaN	37	0.004922	0.0003276	unknown	ShapiroWilk
Selenium (mg/L)	GWA-45 (bg)	n/a	n/a	NP	NaN	37	0.004754	0.001482	unknown	ShapiroWilk
Selenium (mg/L)	GWA-46 (bg)	No	n/a	NP	NaN	37	0.005	0	normal	ShapiroWilk
Selenium (mg/L)	GWA-47 (bg)	n/a	n/a	NP	NaN	37	0.004959	0.0005351	unknown	ShapiroWilk
Selenium (mg/L)	GWA-48 (bg)	n/a	n/a	NP	NaN	37	0.004938	0.0008494	unknown	ShapiroWilk
Selenium (mg/L)	GWA-49 (bg)	n/a	n/a	NP	NaN	37	0.004738	0.000907	unknown	ShapiroWilk
Selenium (mg/L)	GWC-29	n/a	n/a	NP	NaN	37	0.004857	0.000773	unknown	ShapiroWilk
Selenium (mg/L)	GWC-50	n/a	n/a	NP	NaN	37	0.0049	0.000491	unknown	ShapiroWilk
Selenium (mg/L)	GWC-51	No	n/a	NP	NaN	37	0.005	0	normal	ShapiroWilk
Selenium (mg/L)	GWC-52	n/a	n/a	NP	NaN	37	0.004497	0.001484	unknown	ShapiroWilk
Selenium (mg/L)	GWC-53	n/a	n/a	NP	NaN	37	0.004593	0.001212	unknown	ShapiroWilk

Tukey's Outlier Test - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 4/17/2025, 10:54 AM

Constituent	Well	Outlier	Value(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Silver (mg/L)	GWA-21 (bg)	No	n/a	NP	NaN	32	0.001	0	normal	ShapiroWilk
Silver (mg/L)	GWA-22 (bg)	No	n/a	NP	NaN	32	0.001	0	normal	ShapiroWilk
Silver (mg/L)	GWA-45 (bg)	No	n/a	NP	NaN	32	0.001	0	normal	ShapiroWilk
Silver (mg/L)	GWA-46 (bg)	No	n/a	NP	NaN	32	0.001	0	normal	ShapiroWilk
Silver (mg/L)	GWA-47 (bg)	No	n/a	NP	NaN	32	0.001	0	normal	ShapiroWilk
Silver (mg/L)	GWA-48 (bg)	No	n/a	NP	NaN	32	0.001	0	normal	ShapiroWilk
Silver (mg/L)	GWA-49 (bg)	No	n/a	NP	NaN	32	0.001	0	normal	ShapiroWilk
Silver (mg/L)	GWC-29	No	n/a	NP	NaN	32	0.001	0	normal	ShapiroWilk
Silver (mg/L)	GWC-50	No	n/a	NP	NaN	32	0.001	0	normal	ShapiroWilk
Silver (mg/L)	GWC-51	No	n/a	NP	NaN	32	0.001	0	normal	ShapiroWilk
Silver (mg/L)	GWC-52	No	n/a	NP	NaN	32	0.001	0	normal	ShapiroWilk
Silver (mg/L)	GWC-53	No	n/a	NP	NaN	32	0.001	0	normal	ShapiroWilk
Sulfate (mg/L)	GWA-21 (bg)	No	n/a	NP	NaN	24	1.571	0.6482	ln(x)	ShapiroWilk
Sulfate (mg/L)	GWA-22 (bg)	n/a	n/a	NP	NaN	24	0.9621	0.2635	unknown	ShapiroWilk
Sulfate (mg/L)	GWA-45 (bg)	No	n/a	NP	NaN	25	159.5	33.91	ln(x)	ShapiroWilk
Sulfate (mg/L)	GWA-46 (bg)	No	n/a	NP	NaN	24	0.8943	0.2848	sqrt(x)	ShapiroWilk
Sulfate (mg/L)	GWA-47 (bg)	No	n/a	NP	NaN	24	0.8839	0.3031	normal	ShapiroWilk
Sulfate (mg/L)	GWA-48 (bg)	No	n/a	NP	NaN	24	1.235	0.3833	x^(1/3)	ShapiroWilk
Sulfate (mg/L)	GWA-49 (bg)	No	n/a	NP	NaN	24	0.8236	0.2362	x^2	ShapiroWilk
Sulfate (mg/L)	GWC-29	No	n/a	NP	NaN	24	2.519	0.4072	normal	ShapiroWilk
Sulfate (mg/L)	GWC-50	n/a	n/a	NP	NaN	24	7.977	34.51	unknown	ShapiroWilk
Sulfate (mg/L)	GWC-51	No	n/a	NP	NaN	24	1.628	0.995	ln(x)	ShapiroWilk
Sulfate (mg/L)	GWC-52	No	n/a	NP	NaN	24	36.72	27.46	sqrt(x)	ShapiroWilk
Sulfate (mg/L)	**GWC-53**	**Yes**	**340**	**NP**	**NaN**	**25**	**167.4**	**39.23**	**ln(x)**	**ShapiroWilk**
TDS (mg/L)	GWA-21 (bg)	No	n/a	NP	NaN	24	89.75	17.27	normal	ShapiroWilk
TDS (mg/L)	GWA-22 (bg)	No	n/a	NP	NaN	24	72.5	17.79	sqrt(x)	ShapiroWilk
TDS (mg/L)	GWA-45 (bg)	No	n/a	NP	NaN	24	286.1	41.31	x^2	ShapiroWilk
TDS (mg/L)	GWA-46 (bg)	No	n/a	NP	NaN	24	55.35	16.62	normal	ShapiroWilk
TDS (mg/L)	GWA-47 (bg)	No	n/a	NP	NaN	24	90.46	15.75	x^2	ShapiroWilk
TDS (mg/L)	GWA-48 (bg)	No	n/a	NP	NaN	24	95.46	12.91	x^3	ShapiroWilk
TDS (mg/L)	GWA-49 (bg)	No	n/a	NP	NaN	24	107.9	14.71	x^3	ShapiroWilk
TDS (mg/L)	GWC-29	No	n/a	NP	NaN	24	100	21.72	x^3	ShapiroWilk
TDS (mg/L)	**GWC-50**	**Yes**	**16,290**	**NP**	**NaN**	**24**	**80.08**	**48.25**	**ln(x)**	**ShapiroWilk**
TDS (mg/L)	GWC-51	No	n/a	NP	NaN	24	76.21	18.32	x^2	ShapiroWilk
TDS (mg/L)	GWC-52	No	n/a	NP	NaN	24	151	39.99	normal	ShapiroWilk
TDS (mg/L)	GWC-53	No	n/a	NP	NaN	24	266.2	33.53	x^3	ShapiroWilk
Thallium (mg/L)	GWA-21 (bg)	n/a	n/a	NP	NaN	37	0.000943	0.0001985	unknown	ShapiroWilk
Thallium (mg/L)	GWA-22 (bg)	n/a	n/a	NP	NaN	37	0.0009789	0.0001071	unknown	ShapiroWilk
Thallium (mg/L)	GWA-45 (bg)	n/a	n/a	NP	NaN	37	0.0009443	0.0001904	unknown	ShapiroWilk
Thallium (mg/L)	GWA-46 (bg)	No	n/a	NP	NaN	37	0.001	0	normal	ShapiroWilk
Thallium (mg/L)	GWA-47 (bg)	No	n/a	NP	NaN	37	0.001	0	normal	ShapiroWilk
Thallium (mg/L)	GWA-48 (bg)	n/a	n/a	NP	NaN	37	0.0009624	0.000162	unknown	ShapiroWilk
Thallium (mg/L)	GWA-49 (bg)	No	n/a	NP	NaN	37	0.001	0	normal	ShapiroWilk
Thallium (mg/L)	GWC-29	No	n/a	NP	NaN	37	0.001	0	normal	ShapiroWilk
Thallium (mg/L)	GWC-50	n/a	n/a	NP	NaN	37	0.0009805	0.0001184	unknown	ShapiroWilk
Thallium (mg/L)	GWC-51	n/a	n/a	NP	NaN	37	0.0009789	0.0001282	unknown	ShapiroWilk
Thallium (mg/L)	GWC-52	No	n/a	NP	NaN	37	0.001	0	normal	ShapiroWilk
Thallium (mg/L)	GWC-53	No	n/a	NP	NaN	37	0.001	0	normal	ShapiroWilk
Vanadium (mg/L)	**GWA-21 (bg)**	**Yes**	**0.0067,0.0072**	**NP**	**NaN**	**32**	**0.002944**	**0.001204**	**ln(x)**	**ShapiroWilk**
Vanadium (mg/L)	GWA-22 (bg)	No	n/a	NP	NaN	32	0.003809	0.001897	ln(x)	ShapiroWilk
Vanadium (mg/L)	**GWA-45 (bg)**	**Yes**	**0.0082**	**NP**	**NaN**	**32**	**0.002527**	**0.00139**	**ln(x)**	**ShapiroWilk**
Vanadium (mg/L)	**GWA-46 (bg)**	**Yes**	**0.02**	**NP**	**NaN**	**32**	**0.003935**	**0.003236**	**ln(x)**	**ShapiroWilk**
Vanadium (mg/L)	GWA-47 (bg)	No	n/a	NP	NaN	32	0.01048	0.006859	ln(x)	ShapiroWilk
Vanadium (mg/L)	GWA-48 (bg)	No	n/a	NP	NaN	32	0.01647	0.003302	x^3	ShapiroWilk
Vanadium (mg/L)	GWA-49 (bg)	No	n/a	NP	NaN	32	0.01904	0.002052	ln(x)	ShapiroWilk
Vanadium (mg/L)	GWC-29	No	n/a	NP	NaN	32	0.00495	0.001159	ln(x)	ShapiroWilk
Vanadium (mg/L)	GWC-50	No	n/a	NP	NaN	32	0.003095	0.00203	x^(1/3)	ShapiroWilk
Vanadium (mg/L)	GWC-51	No	n/a	NP	NaN	32	0.004955	0.001495	ln(x)	ShapiroWilk
Vanadium (mg/L)	GWC-52	No	n/a	NP	NaN	32	0.01096	0.001282	ln(x)	ShapiroWilk
Vanadium (mg/L)	GWC-53	n/a	n/a	NP	NaN	32	0.002197	0.001004	unknown	ShapiroWilk
Zinc (mg/L)	GWA-21 (bg)	n/a	n/a	NP	NaN	32	0.004912	0.0003933	unknown	ShapiroWilk
Zinc (mg/L)	GWA-22 (bg)	n/a	n/a	NP	NaN	32	0.006219	0.006044	unknown	ShapiroWilk
Zinc (mg/L)	GWA-45 (bg)	No	n/a	NP	NaN	32	0.0141	0.007365	ln(x)	ShapiroWilk
Zinc (mg/L)	**GWA-46 (bg)**	**Yes**	**0.013,0.00265,0.0096,0.0091,0.0035,0.0035,0.0038,**	**NP**	**NaN**	**32**	**0.005155**	**0.001981**	**ln(x)**	**ShapiroWilk**
Zinc (mg/L)	GWA-47 (bg)	n/a	n/a	NP	NaN	32	0.005309	0.001787	unknown	ShapiroWilk
Zinc (mg/L)	GWA-48 (bg)	n/a	n/a	NP	NaN	32	0.004968	0.0006982	unknown	ShapiroWilk
Zinc (mg/L)	GWA-49 (bg)	n/a	n/a	NP	NaN	32	0.004881	0.0005352	unknown	ShapiroWilk
Zinc (mg/L)	GWC-29	n/a	n/a	NP	NaN	32	0.005025	0.0001414	unknown	ShapiroWilk

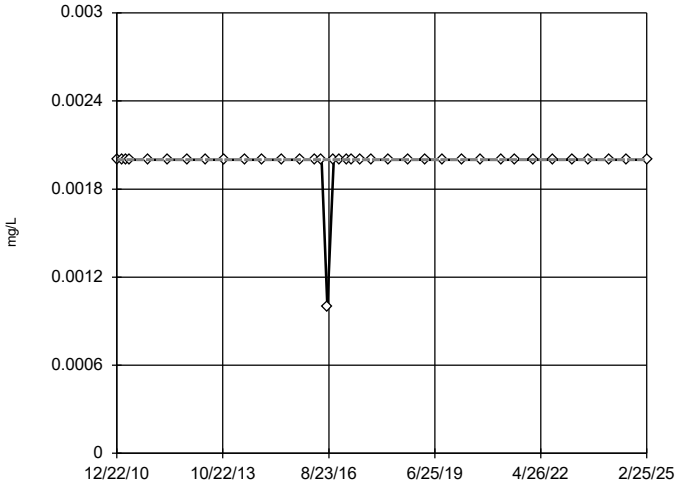
Tukey's Outlier Test - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 4/17/2025, 10:54 AM

Constituent	Well	Outlier	Value(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Zinc (mg/L)	GWC-50	n/a	n/a	NP	NaN	33	0.005352	0.002007	unknown	ShapiroWilk
Zinc (mg/L)	GWC-51	n/a	n/a	NP	NaN	32	0.004845	0.0004365	unknown	ShapiroWilk
Zinc (mg/L)	GWC-52	n/a	n/a	NP	NaN	32	0.005119	0.0004782	unknown	ShapiroWilk
Zinc (mg/L)	GWC-53	No	n/a	NP	NaN	32	0.01422	0.002517	normal	ShapiroWilk

Tukey's Outlier Screening

GWA-21 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Data were x^5 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

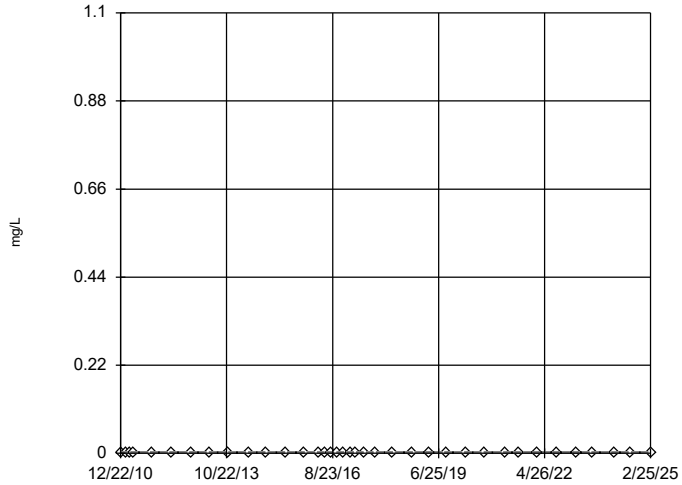
Constituent: Antimony Analysis Run 4/17/2025 10:47 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWA-22 (bg)



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

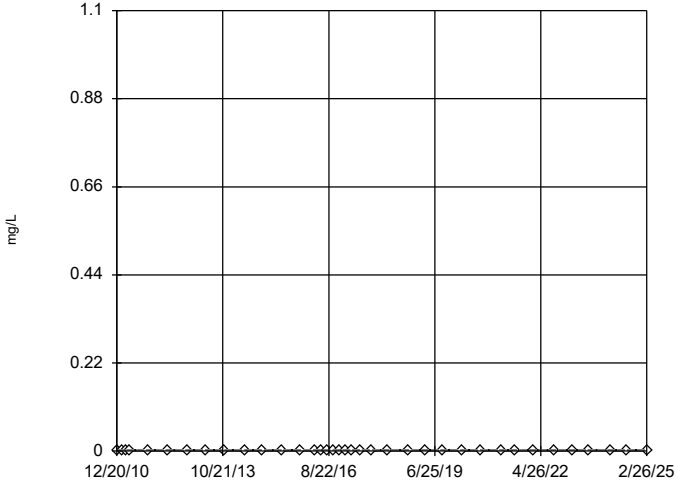
Constituent: Antimony Analysis Run 4/17/2025 10:47 AM

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Tukey's Outlier Screening

GWA-45 (bg)



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

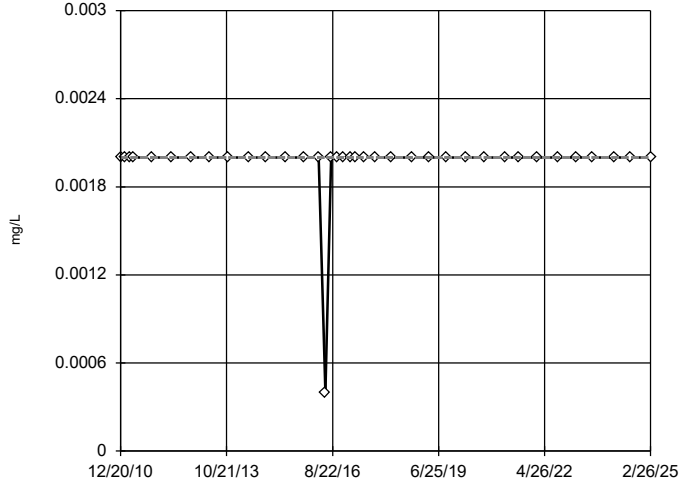
Constituent: Antimony Analysis Run 4/17/2025 10:48 AM

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Tukey's Outlier Screening

GWA-46 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Data were x^4 transformed to achieve best W statistic (graph shown in original units).

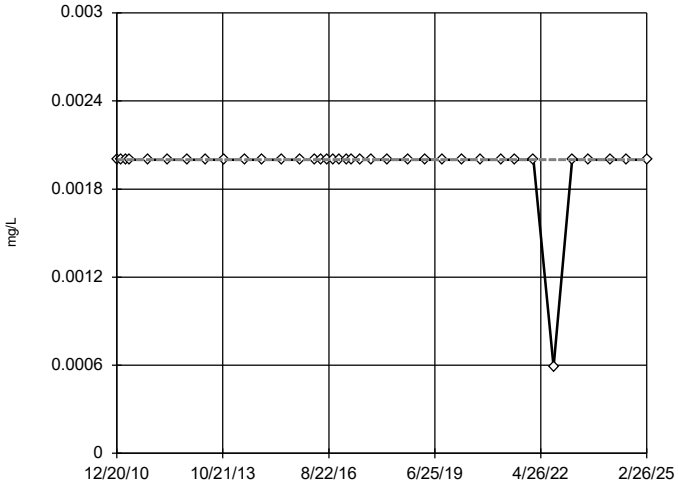
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Antimony Analysis Run 4/17/2025 10:48 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Tukey's Outlier Screening

GWA-47 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

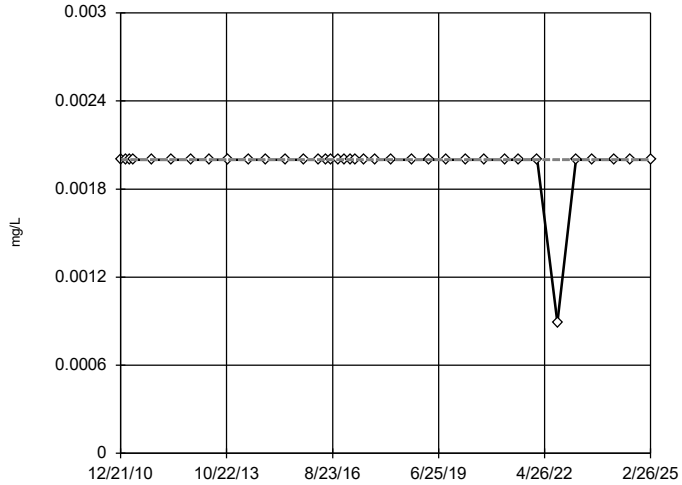
Constituent: Antimony Analysis Run 4/17/2025 10:48 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWA-48 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

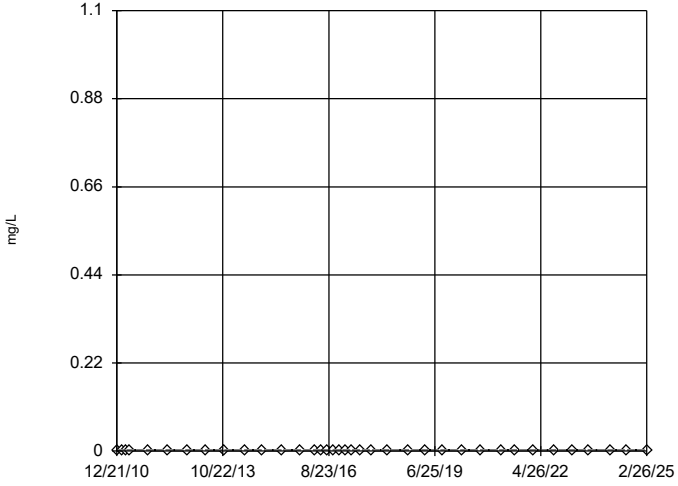
Constituent: Antimony Analysis Run 4/17/2025 10:48 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWA-49 (bg)



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

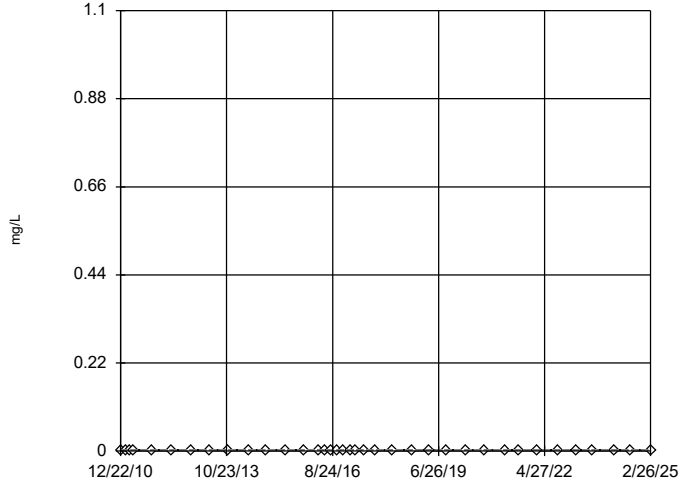
Constituent: Antimony Analysis Run 4/17/2025 10:48 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWC-29



n = 37

No outliers found. Tukey's method selected by user.

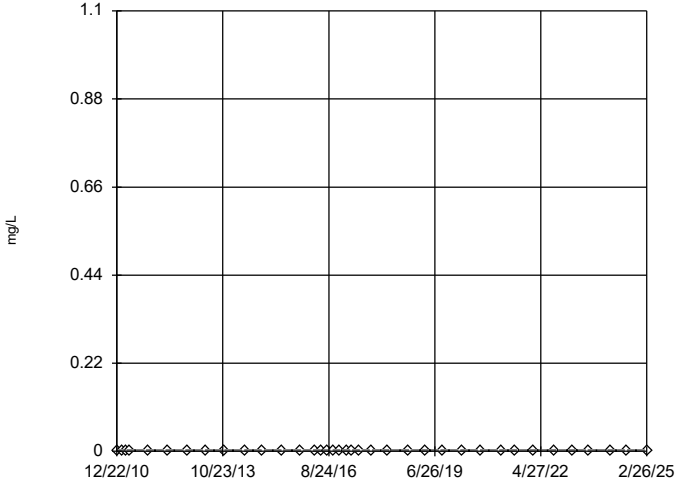
All values are the same.

Constituent: Antimony Analysis Run 4/17/2025 10:48 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Tukey's Outlier Screening

GWC-50



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

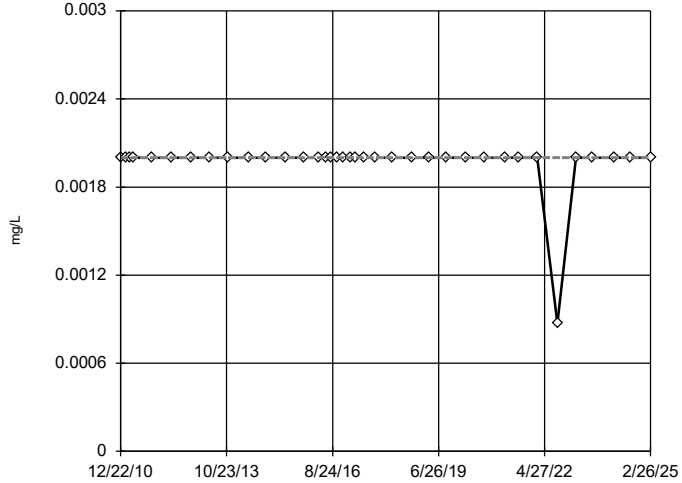
Constituent: Antimony Analysis Run 4/17/2025 10:48 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWC-51



n = 37

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

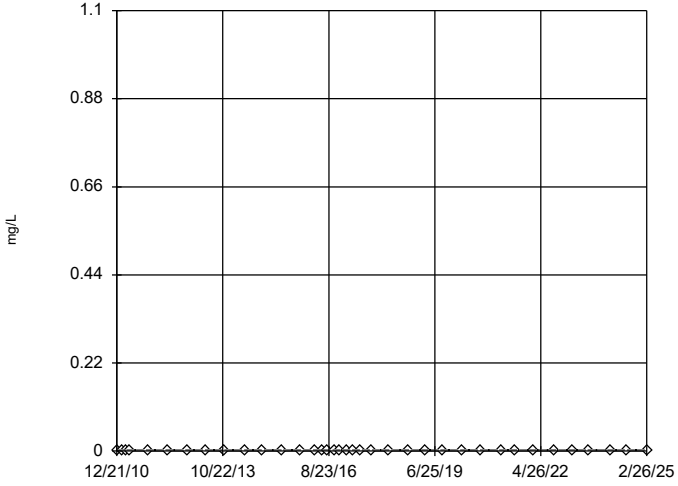
Constituent: Antimony Analysis Run 4/17/2025 10:48 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWC-52



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

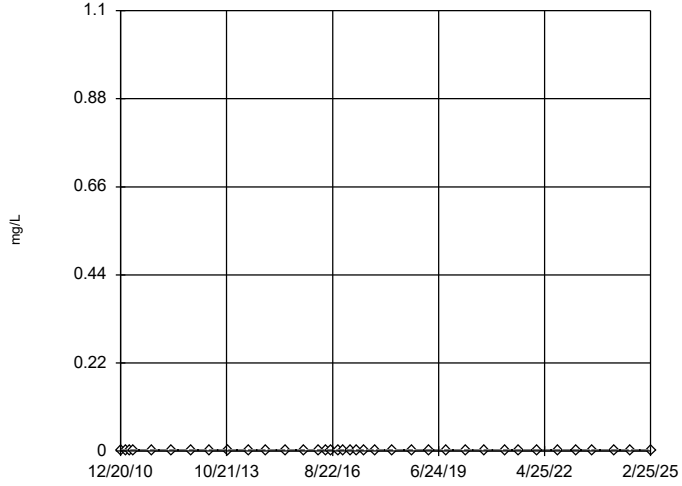
Constituent: Antimony Analysis Run 4/17/2025 10:48 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWC-53



n = 37

No outliers found. Tukey's method selected by user.

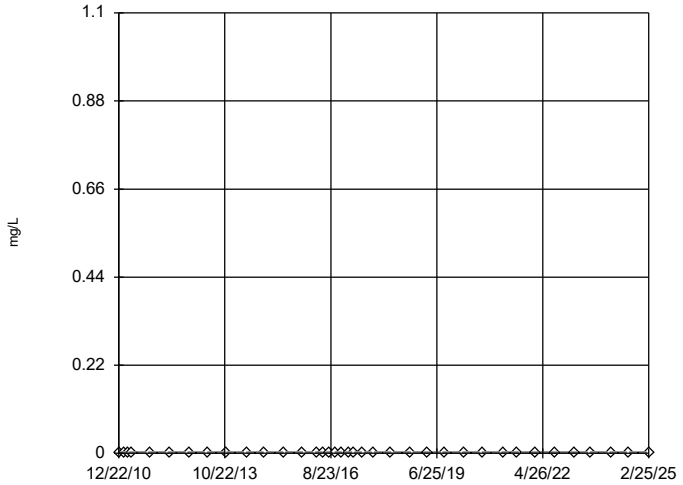
All values are the same.

Constituent: Antimony Analysis Run 4/17/2025 10:48 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Tukey's Outlier Screening

GWA-21 (bg)



n = 37

No outliers found. Tukey's method selected by user.

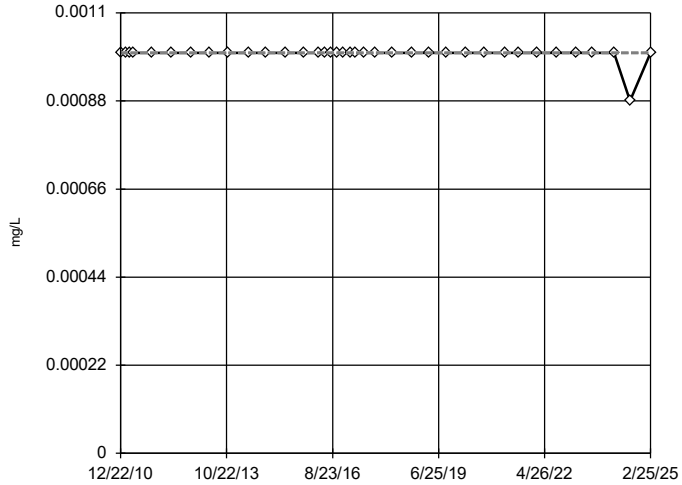
All values are the same.

Constituent: Arsenic Analysis Run 4/17/2025 10:48 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Tukey's Outlier Screening

GWA-22 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

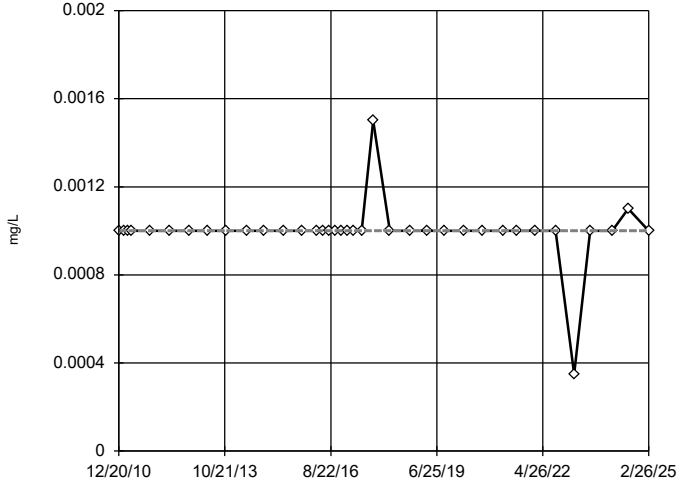
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Arsenic Analysis Run 4/17/2025 10:48 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Tukey's Outlier Screening

GWA-45 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

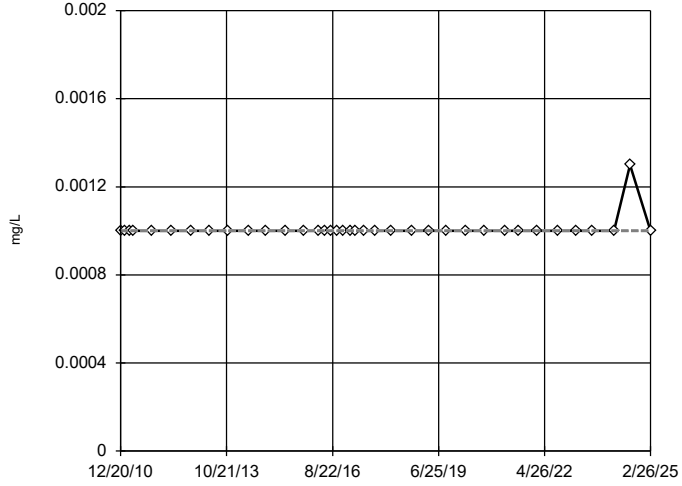
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Arsenic Analysis Run 4/17/2025 10:48 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Tukey's Outlier Screening

GWA-46 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

The results were invalidated, because the lower and upper quartiles are equal.

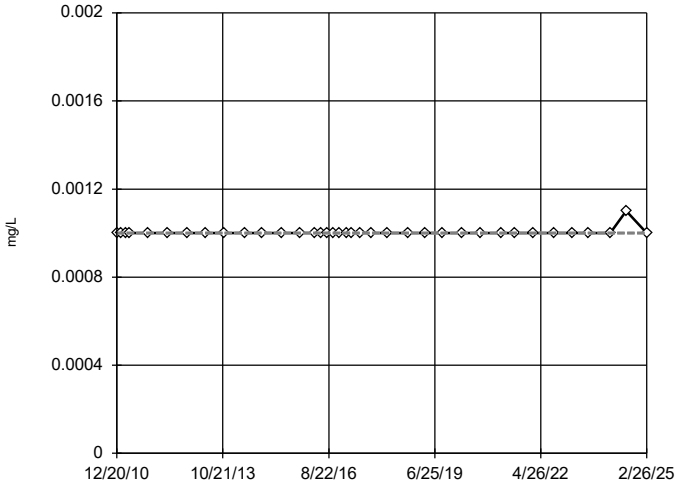
Constituent: Arsenic Analysis Run 4/17/2025 10:48 AM

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Tukey's Outlier Screening

GWA-47 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

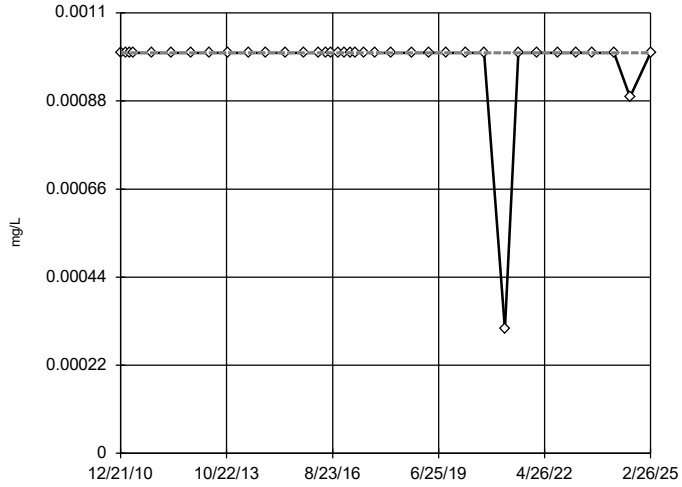
Constituent: Arsenic Analysis Run 4/17/2025 10:48 AM

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Tukey's Outlier Screening

GWA-48 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

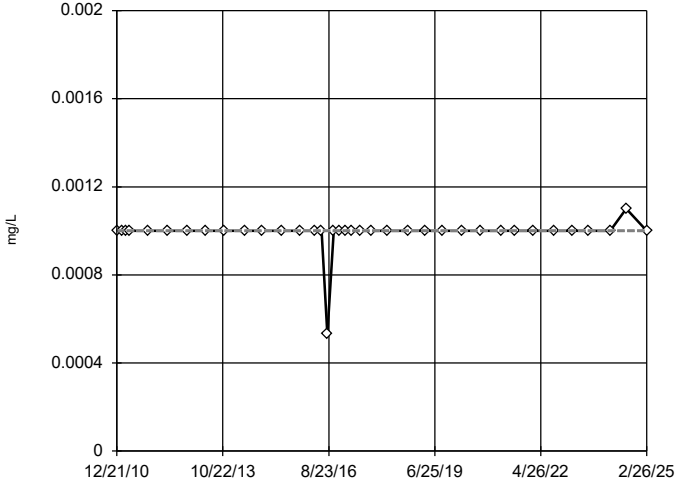
Constituent: Arsenic Analysis Run 4/17/2025 10:48 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWA-49 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

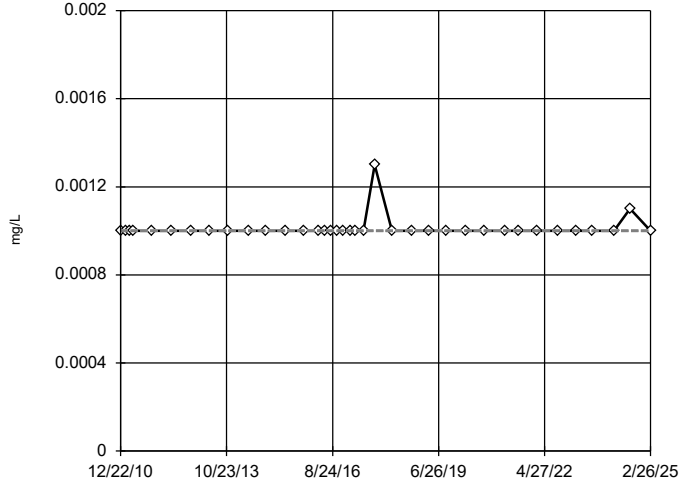
Constituent: Arsenic Analysis Run 4/17/2025 10:48 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWC-29



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

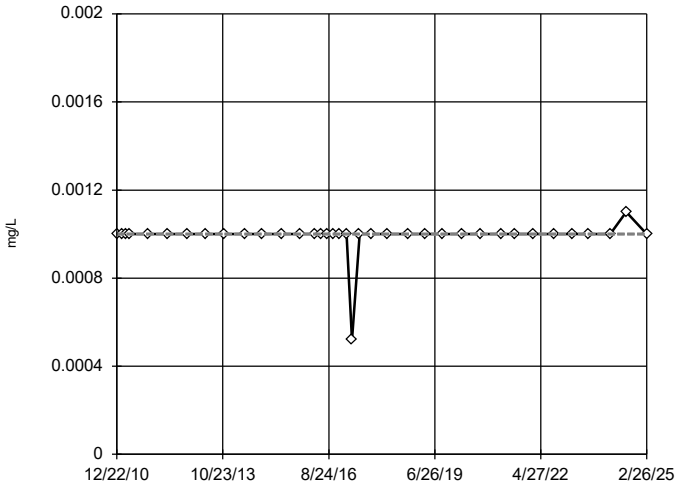
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Arsenic Analysis Run 4/17/2025 10:48 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Tukey's Outlier Screening

GWC-50



n = 37

No outliers found. Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

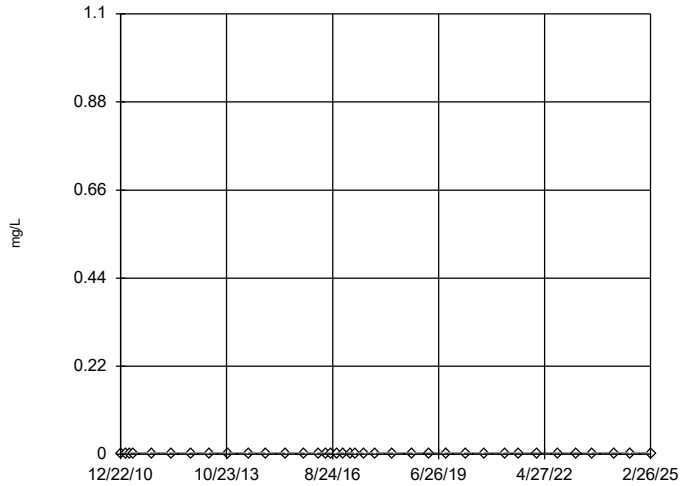
Constituent: Arsenic Analysis Run 4/17/2025 10:48 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWC-51



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

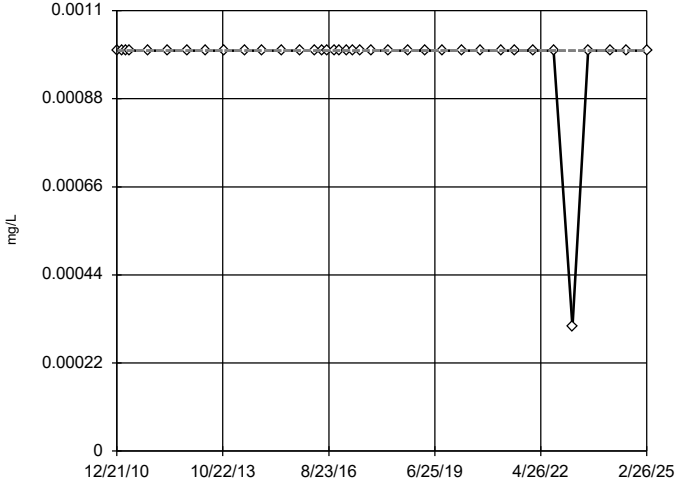
Constituent: Arsenic Analysis Run 4/17/2025 10:48 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWC-52



n = 37

No outliers found. Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

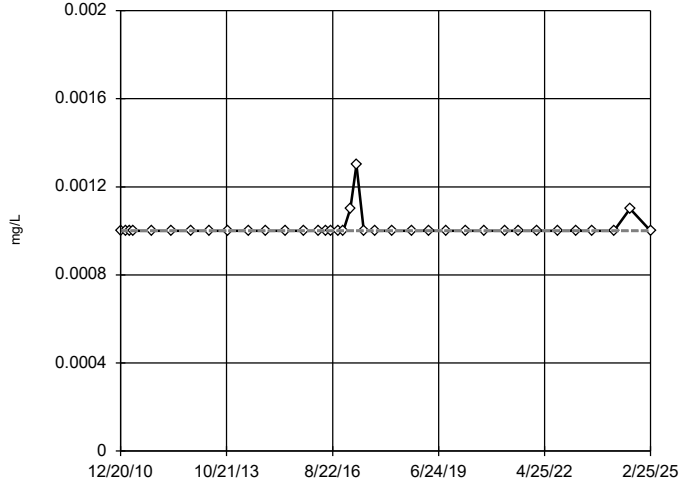
Constituent: Arsenic Analysis Run 4/17/2025 10:48 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWC-53



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

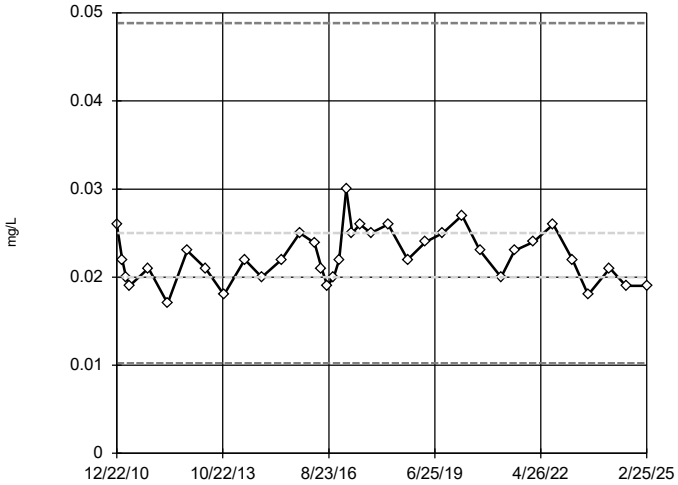
Constituent: Arsenic Analysis Run 4/17/2025 10:48 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWA-21 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.04883, low cutoff = 0.01024, based on IQR multiplier of 3.

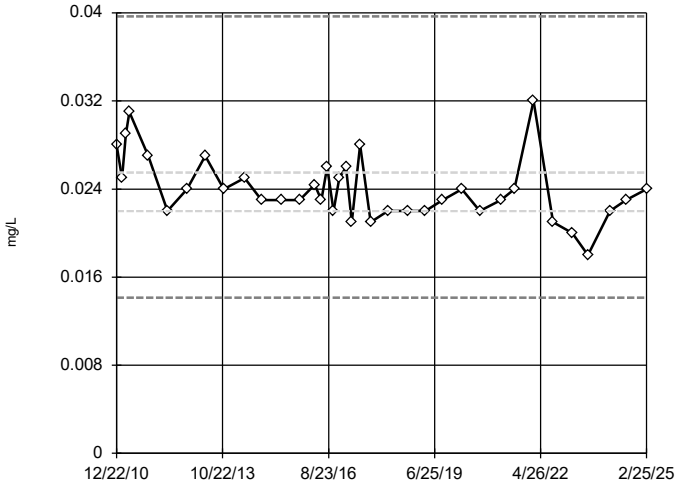
Constituent: Barium Analysis Run 4/17/2025 10:48 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWA-22 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.03968, low cutoff = 0.01414, based on IQR multiplier of 3.

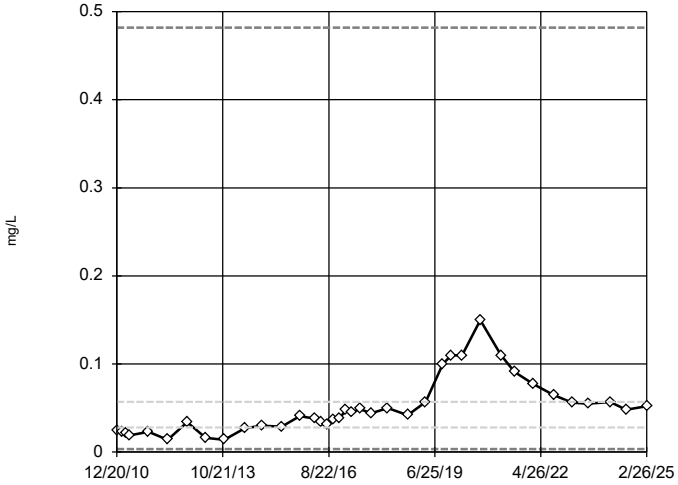
Constituent: Barium Analysis Run 4/17/2025 10:48 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWA-45 (bg)



n = 38

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.4818, low cutoff = 0.003311, based on IQR multiplier of 3.

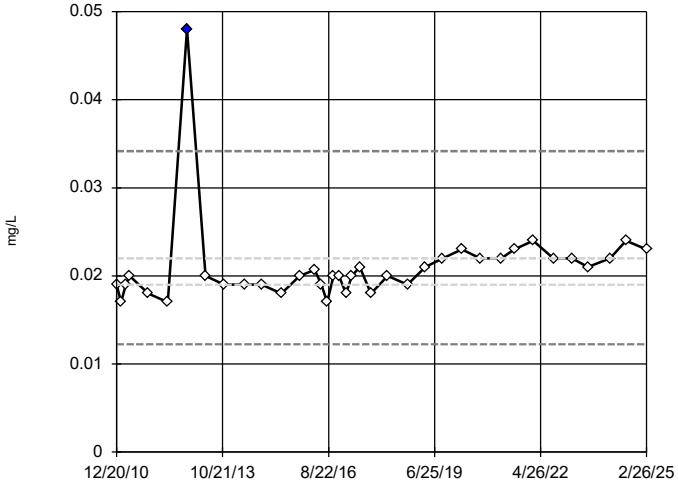
Constituent: Barium Analysis Run 4/17/2025 10:48 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWA-46 (bg)



n = 37

Outlier is drawn as solid. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.03415, low cutoff = 0.01224, based on IQR multiplier of 3.

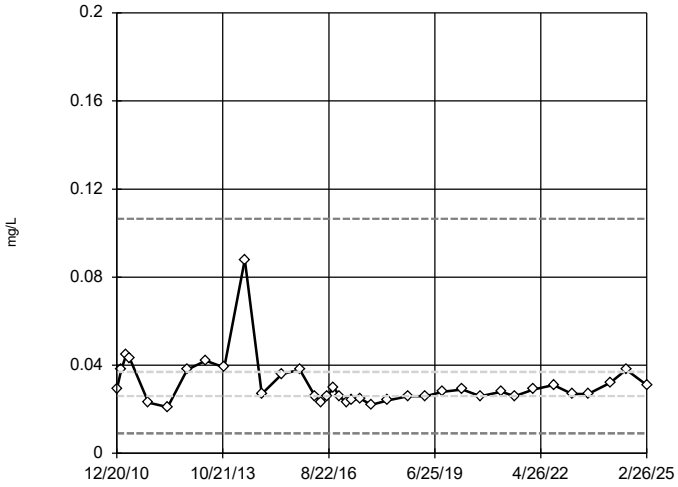
Constituent: Barium Analysis Run 4/17/2025 10:48 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWA-47 (bg)



n = 37

No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.1065,
low cutoff = 0.009032,
based on IQR multiplier of 3.

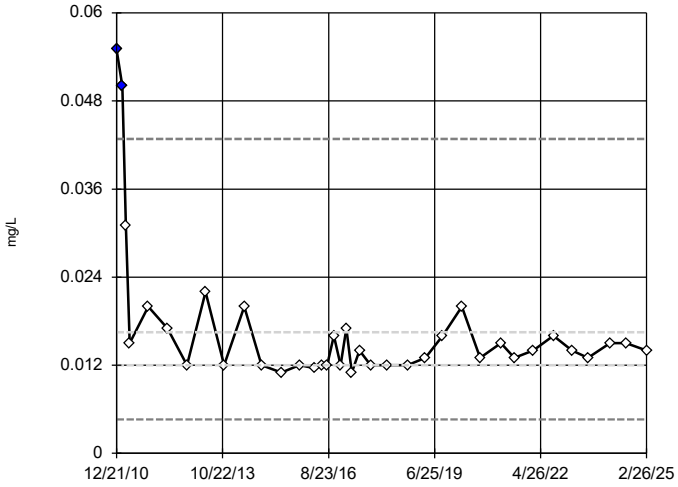
Constituent: Barium Analysis Run 4/17/2025 10:48 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWA-48 (bg)



n = 37

Outliers are drawn as solid.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.04281,
low cutoff = 0.004622,
based on IQR multiplier of 3.

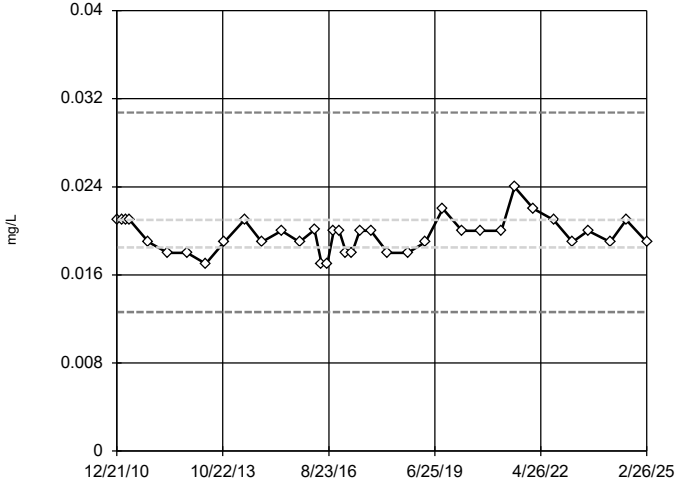
Constituent: Barium Analysis Run 4/17/2025 10:48 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWA-49 (bg)



n = 37

No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.03075,
low cutoff = 0.01263,
based on IQR multiplier of 3.

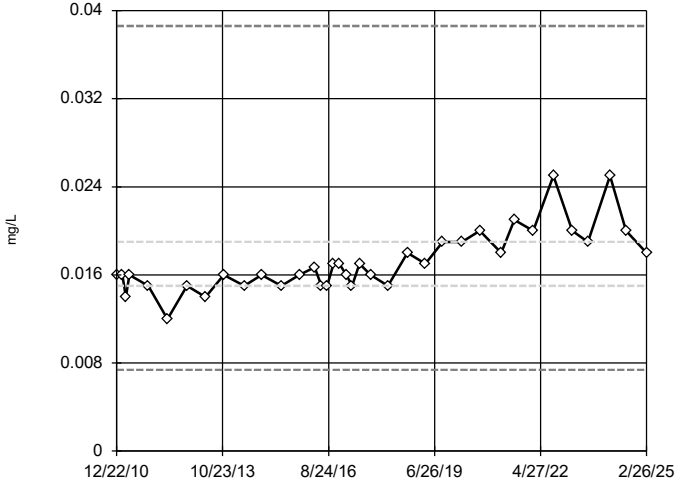
Constituent: Barium Analysis Run 4/17/2025 10:48 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWC-29



n = 37

No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.03861,
low cutoff = 0.007381,
based on IQR multiplier of 3.

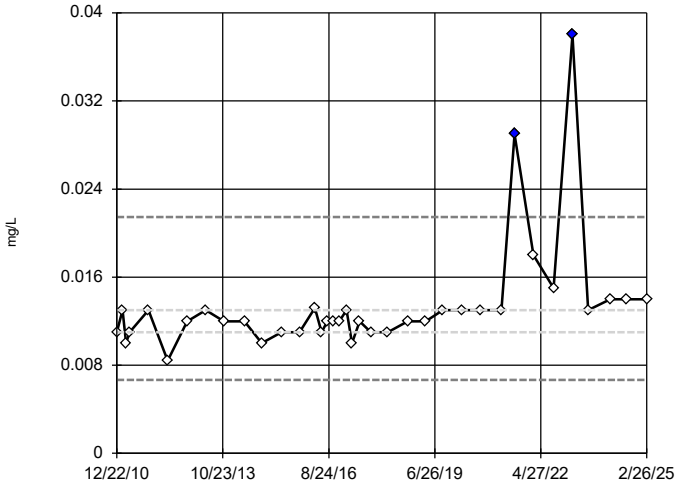
Constituent: Barium Analysis Run 4/17/2025 10:48 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWC-50



n = 37

Outliers are drawn as solid.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.02146, low cutoff = 0.006664, based on IQR multiplier of 3.

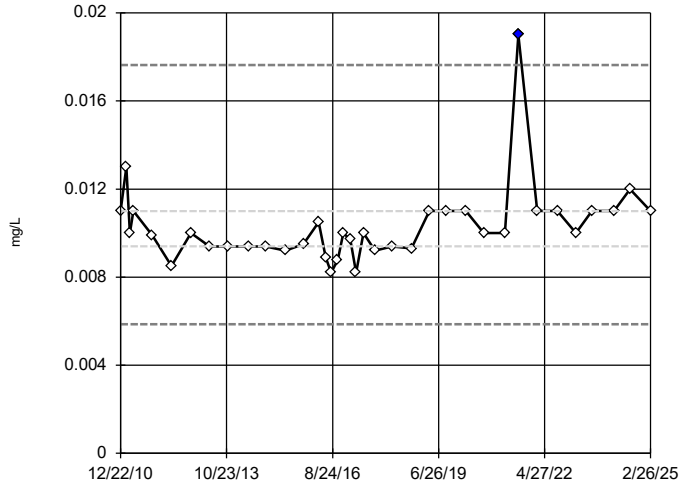
Constituent: Barium Analysis Run 4/17/2025 10:48 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWC-51



n = 37

Outlier is drawn as solid.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.01763, low cutoff = 0.005866, based on IQR multiplier of 3.

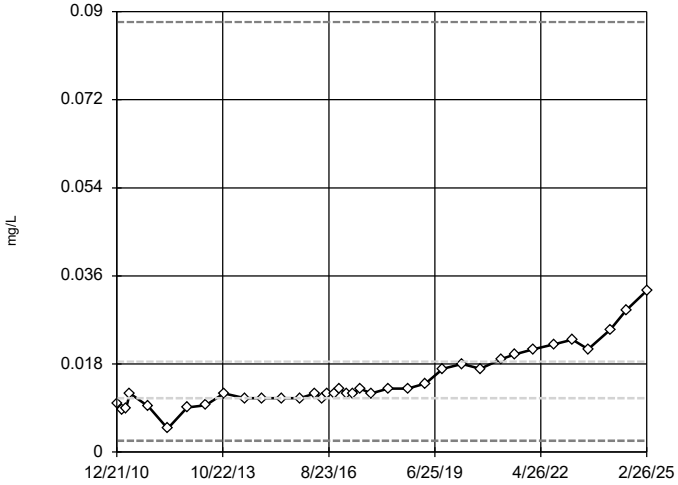
Constituent: Barium Analysis Run 4/17/2025 10:48 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWC-52



n = 37

No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.08788, low cutoff = 0.002315, based on IQR multiplier of 3.

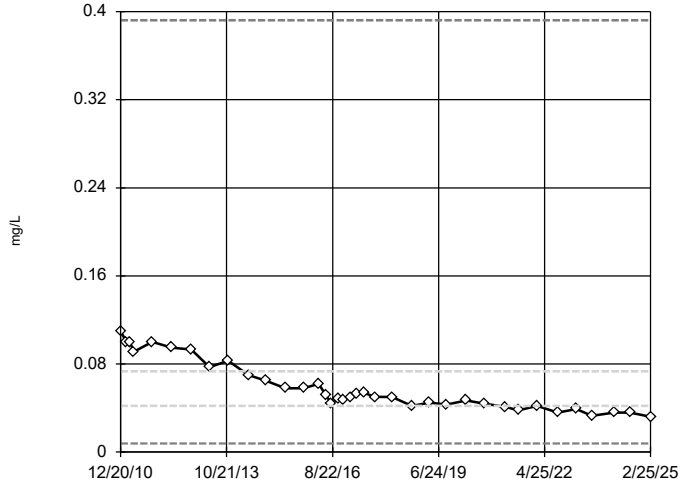
Constituent: Barium Analysis Run 4/17/2025 10:48 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWC-53



n = 37

No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.3921, low cutoff = 0.007863, based on IQR multiplier of 3.

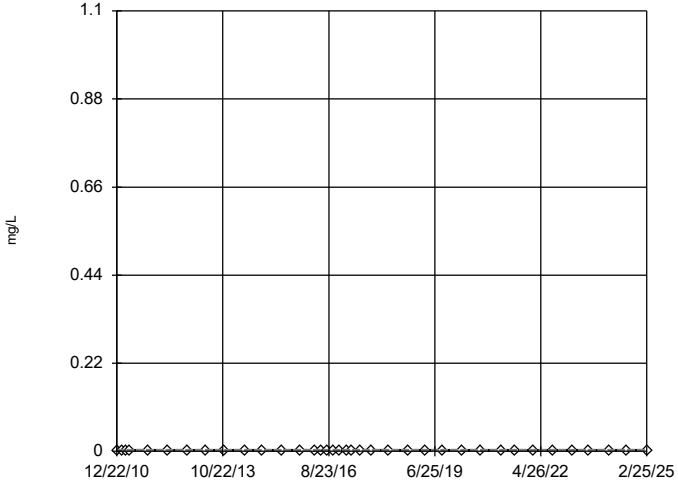
Constituent: Barium Analysis Run 4/17/2025 10:48 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWA-21 (bg)



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

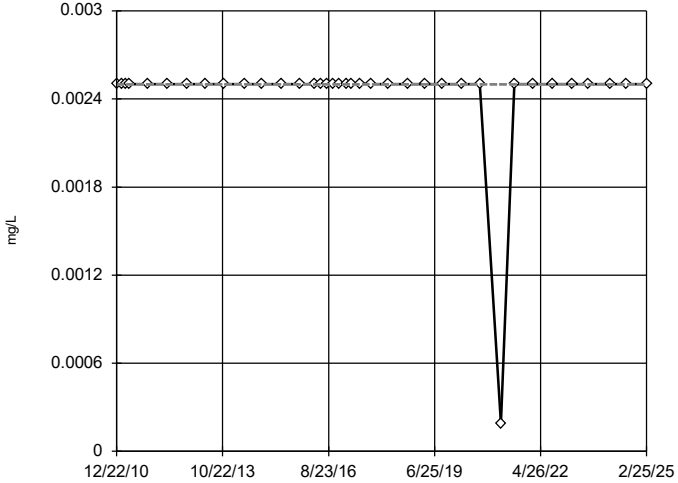
Constituent: Beryllium Analysis Run 4/17/2025 10:48 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWA-22 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

The results were invalidated, because the lower and upper quartiles are equal.

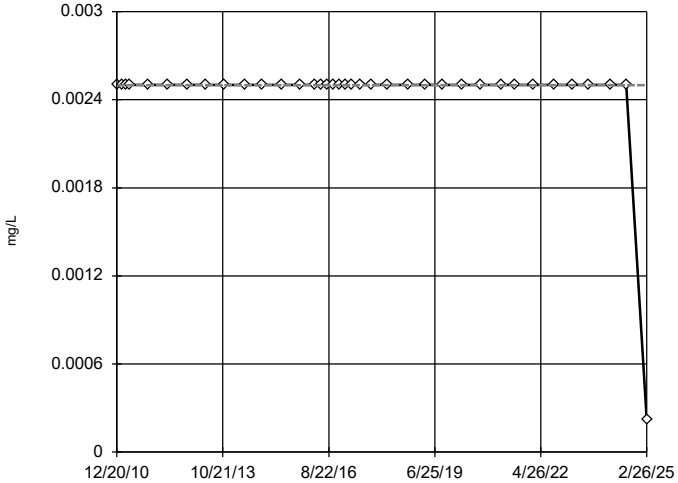
Constituent: Beryllium Analysis Run 4/17/2025 10:48 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWA-45 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

The results were invalidated, because the lower and upper quartiles are equal.

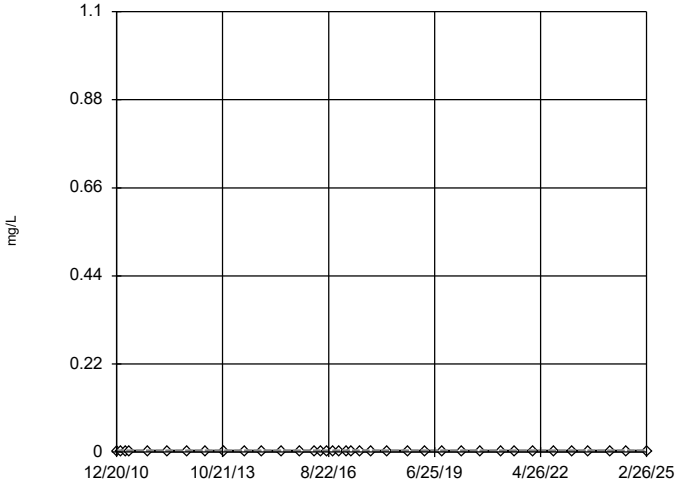
Constituent: Beryllium Analysis Run 4/17/2025 10:48 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWA-46 (bg)



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

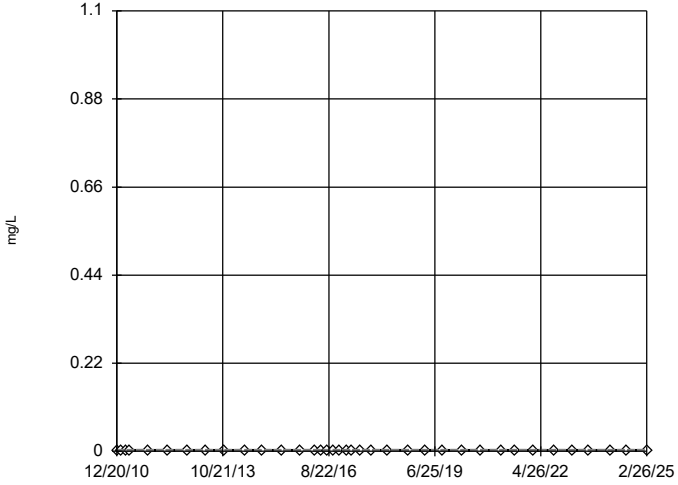
Constituent: Beryllium Analysis Run 4/17/2025 10:48 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWA-47 (bg)



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

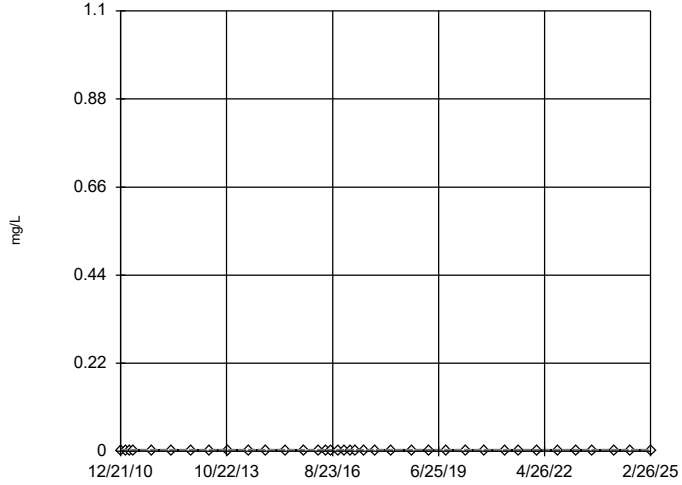
Constituent: Beryllium Analysis Run 4/17/2025 10:48 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWA-48 (bg)



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

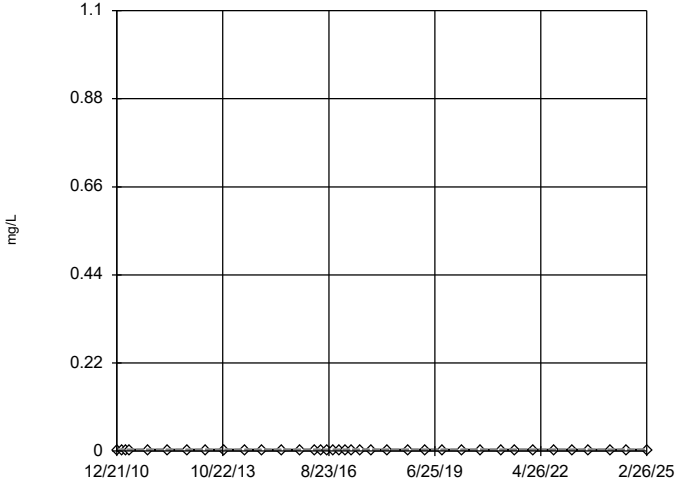
Constituent: Beryllium Analysis Run 4/17/2025 10:48 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWA-49 (bg)



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

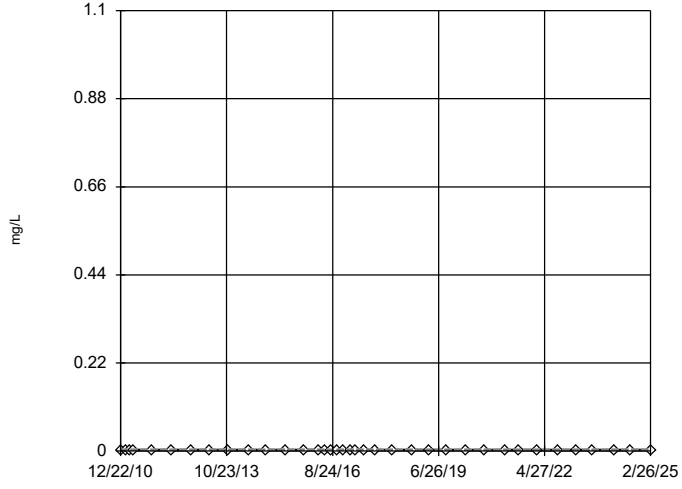
Constituent: Beryllium Analysis Run 4/17/2025 10:48 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWC-29



n = 37

No outliers found. Tukey's method selected by user.

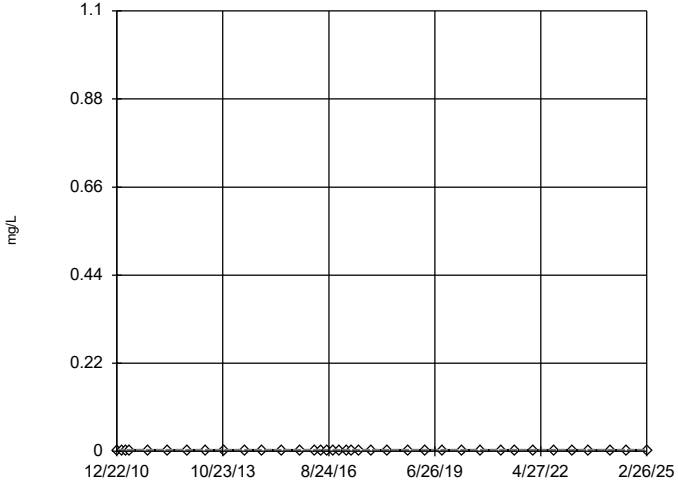
All values are the same.

Constituent: Beryllium Analysis Run 4/17/2025 10:48 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Tukey's Outlier Screening

GWC-50



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

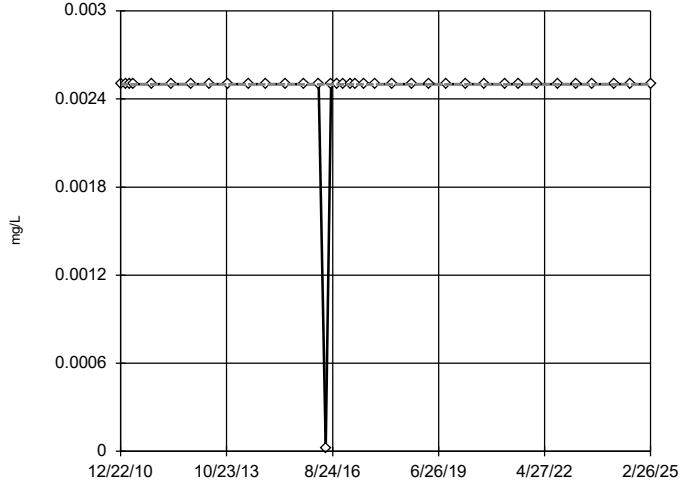
Constituent: Beryllium Analysis Run 4/17/2025 10:48 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWC-51



n = 37

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

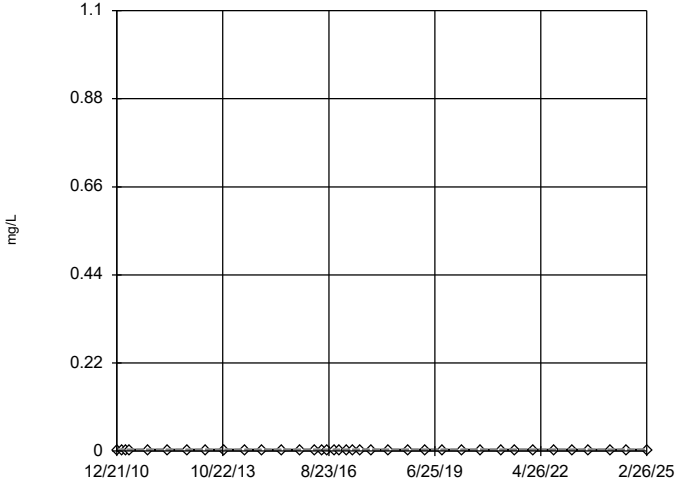
Constituent: Beryllium Analysis Run 4/17/2025 10:48 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWC-52



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

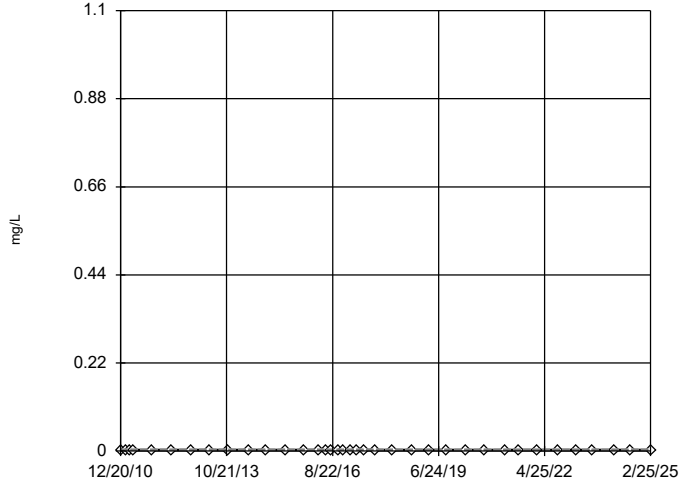
Constituent: Beryllium Analysis Run 4/17/2025 10:48 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWC-53



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

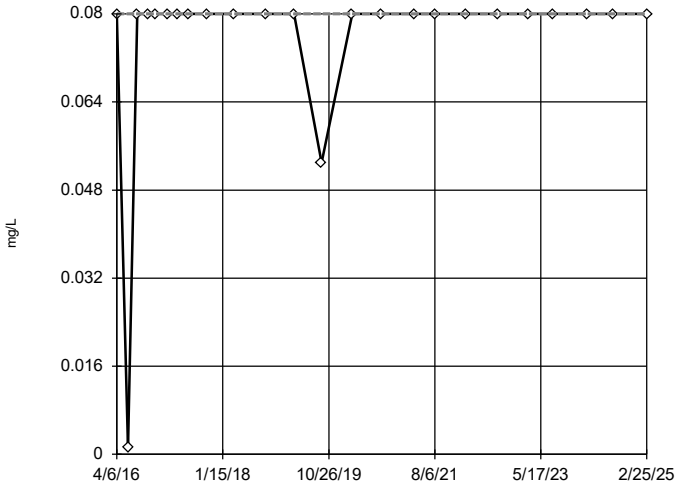
Constituent: Beryllium Analysis Run 4/17/2025 10:48 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWA-21 (bg)



n = 24

No outliers found. Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

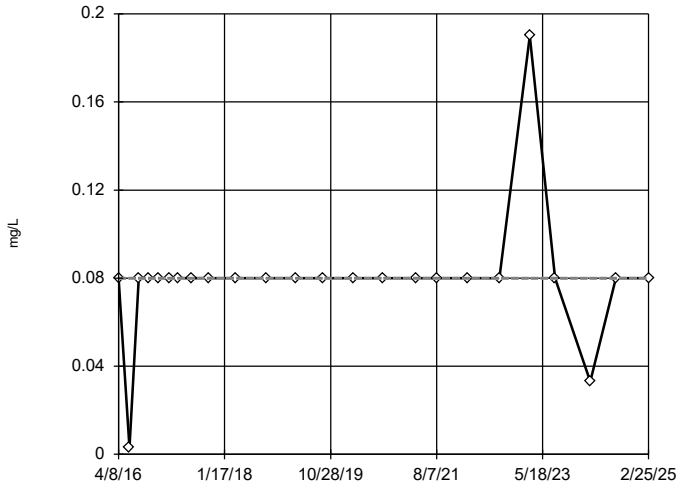
Constituent: Boron Analysis Run 4/17/2025 10:48 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWA-22 (bg)



n = 24

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

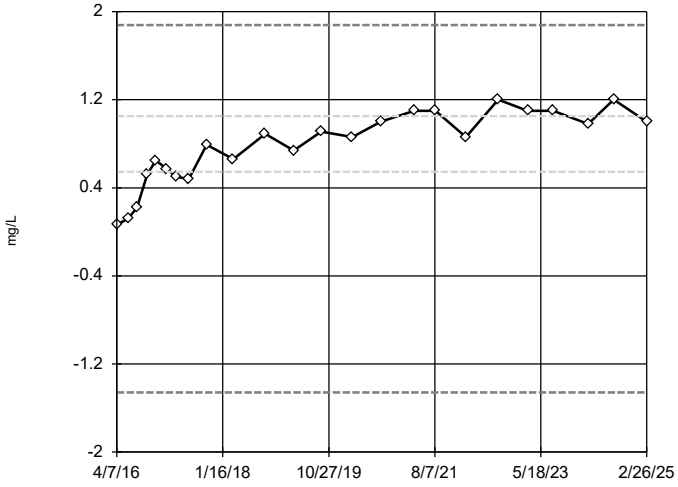
Constituent: Boron Analysis Run 4/17/2025 10:48 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWA-45 (bg)



n = 24

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

High cutoff = 1.878, low cutoff = -1.458, based on IQR multiplier of 3.

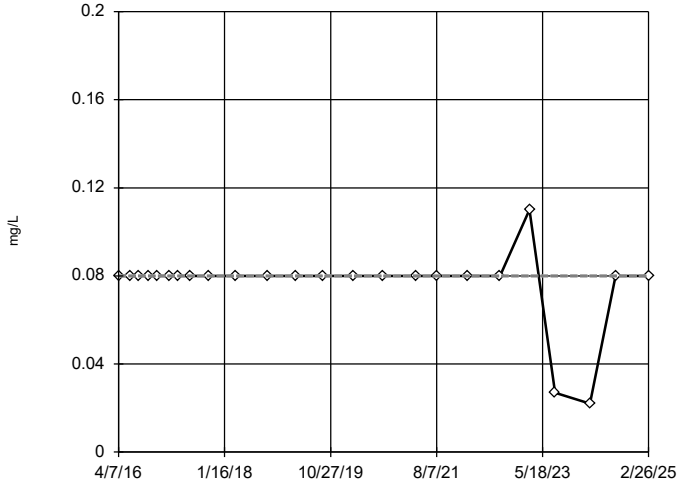
Constituent: Boron Analysis Run 4/17/2025 10:49 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWA-46 (bg)



n = 24

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

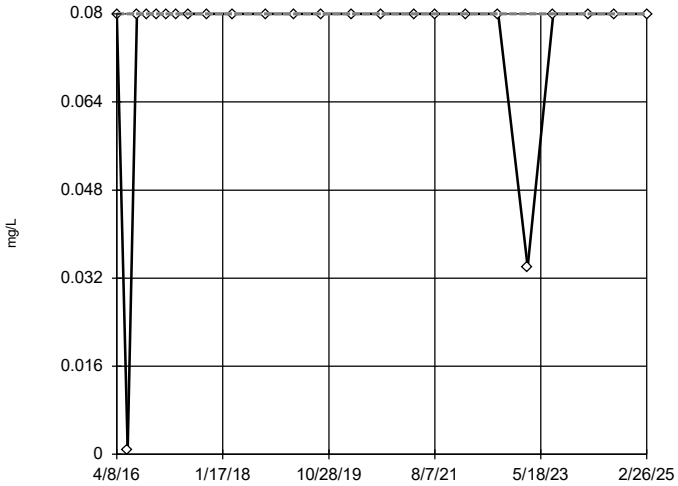
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Boron Analysis Run 4/17/2025 10:49 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Tukey's Outlier Screening

GWA-47 (bg)



n = 24

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

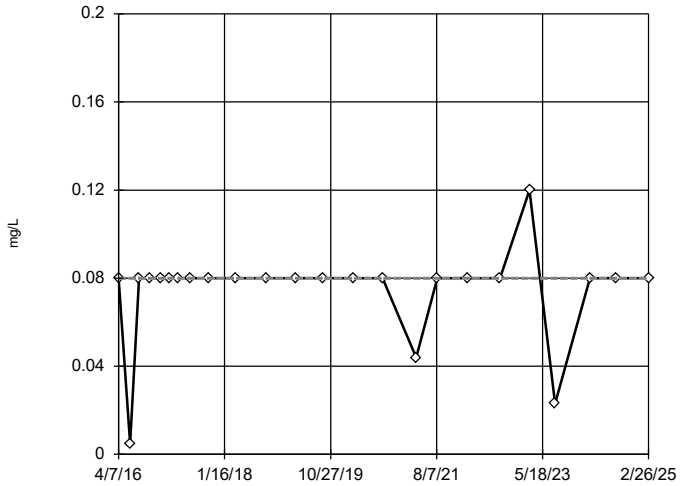
Constituent: Boron Analysis Run 4/17/2025 10:49 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWA-48 (bg)



n = 24

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

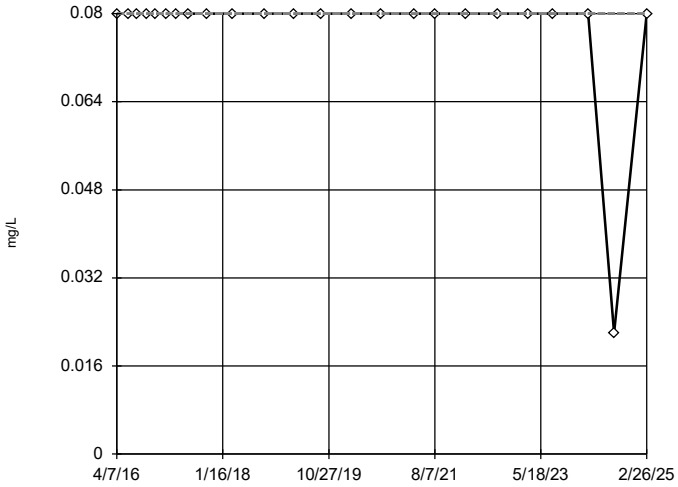
Constituent: Boron Analysis Run 4/17/2025 10:49 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWA-49 (bg)



n = 24

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

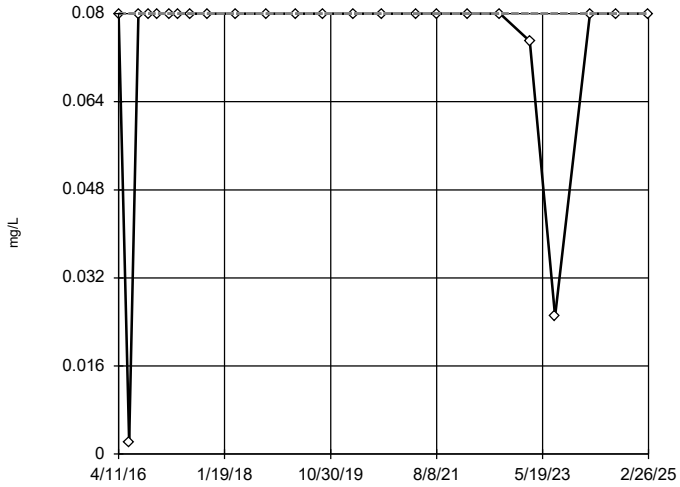
Constituent: Boron Analysis Run 4/17/2025 10:49 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWC-29



n = 24

No outliers found. Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

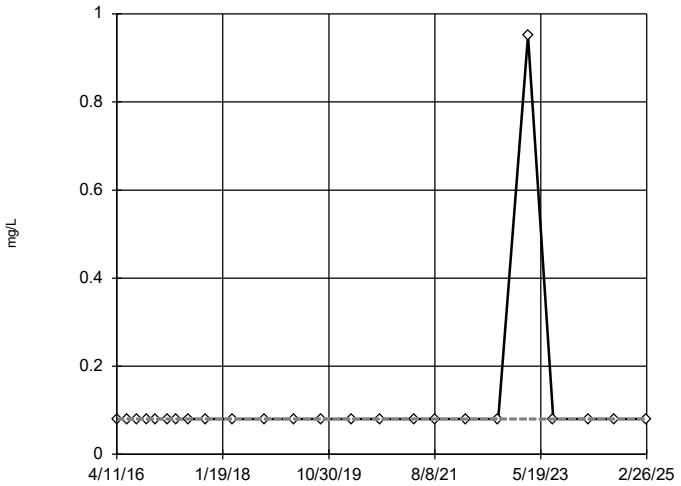
Constituent: Boron Analysis Run 4/17/2025 10:49 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWC-50



n = 24

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

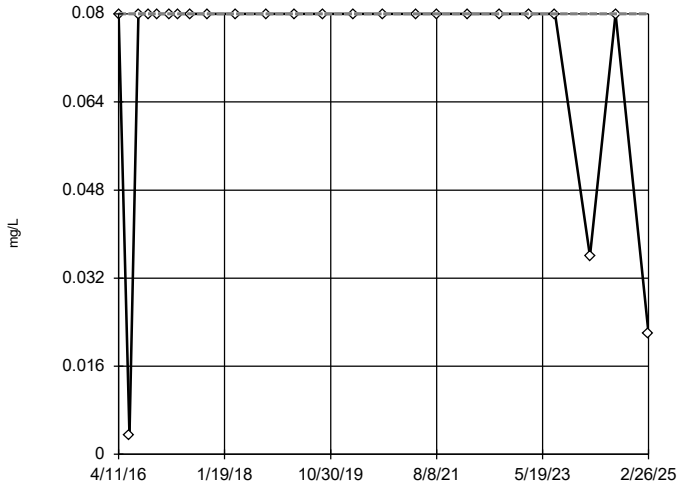
Constituent: Boron Analysis Run 4/17/2025 10:49 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWC-51



n = 24

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

The results were invalidated, because the lower and upper quartiles are equal.

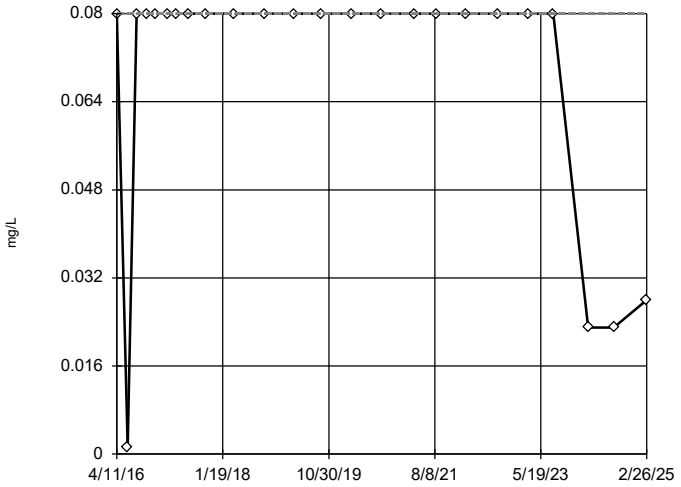
Constituent: Boron Analysis Run 4/17/2025 10:49 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWC-52



n = 24

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

The results were invalidated, because the lower and upper quartiles are equal.

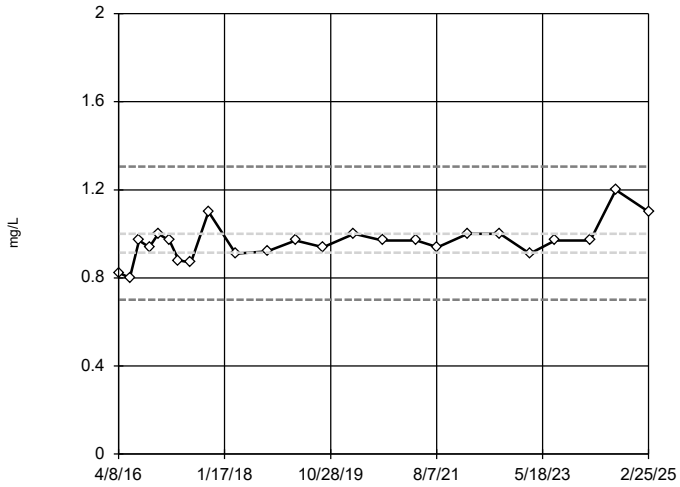
Constituent: Boron Analysis Run 4/17/2025 10:49 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWC-53



n = 24

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 1.305, low cutoff = 0.7009, based on IQR multiplier of 3.

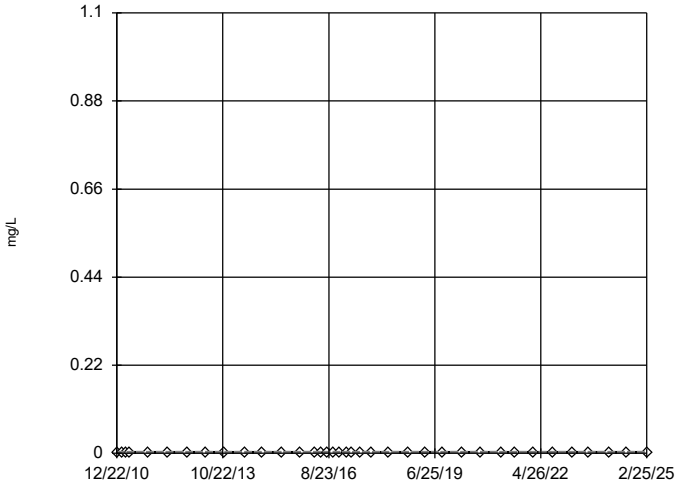
Constituent: Boron Analysis Run 4/17/2025 10:49 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWA-21 (bg)



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

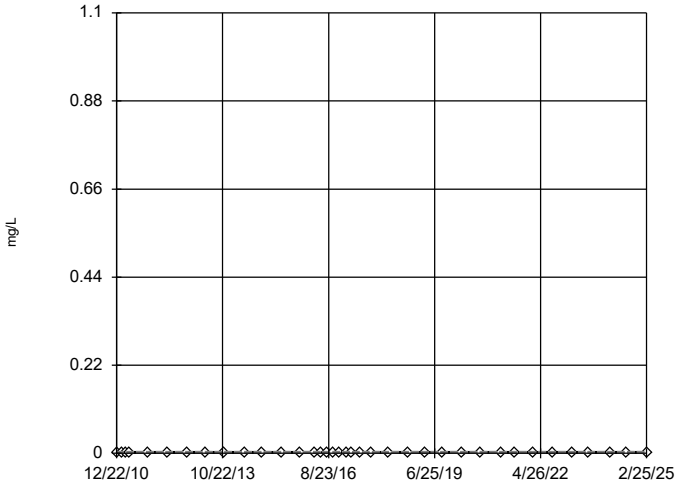
Constituent: Cadmium Analysis Run 4/17/2025 10:49 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Tukey's Outlier Screening

GWA-22 (bg)



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

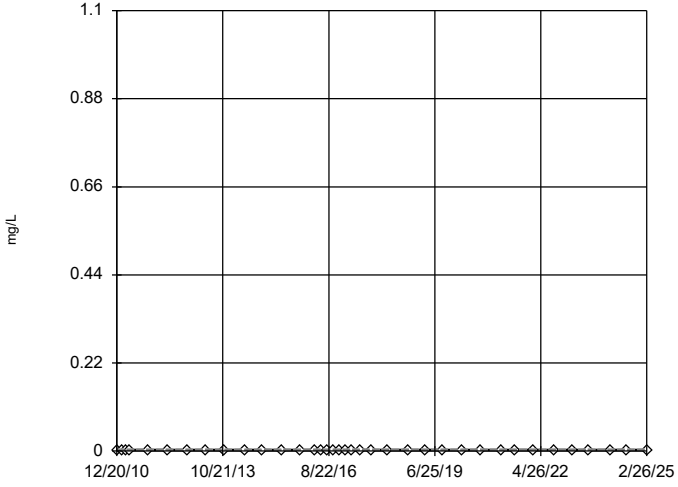
Constituent: Cadmium Analysis Run 4/17/2025 10:49 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWA-45 (bg)



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

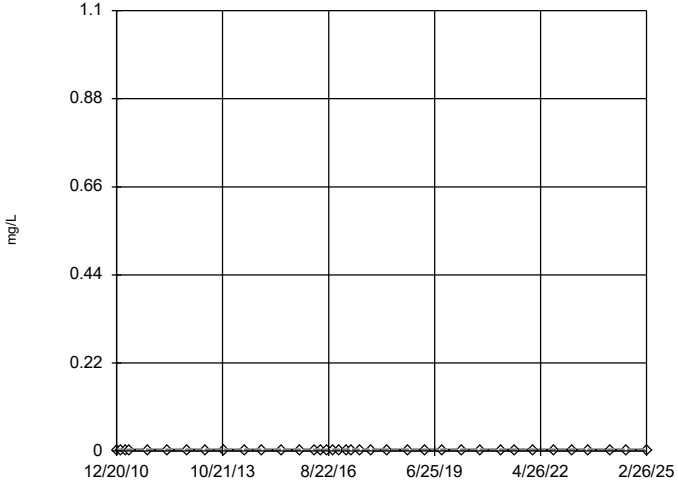
Constituent: Cadmium Analysis Run 4/17/2025 10:49 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWA-46 (bg)



n = 37

No outliers found. Tukey's method selected by user.

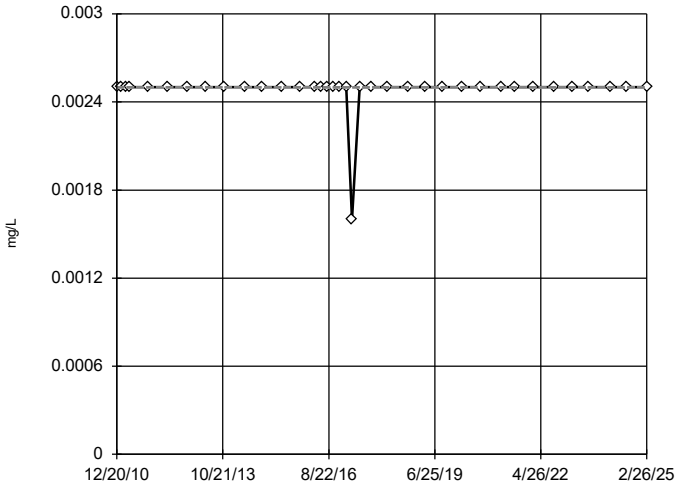
All values are the same.

Constituent: Cadmium Analysis Run 4/17/2025 10:49 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Tukey's Outlier Screening

GWA-47 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

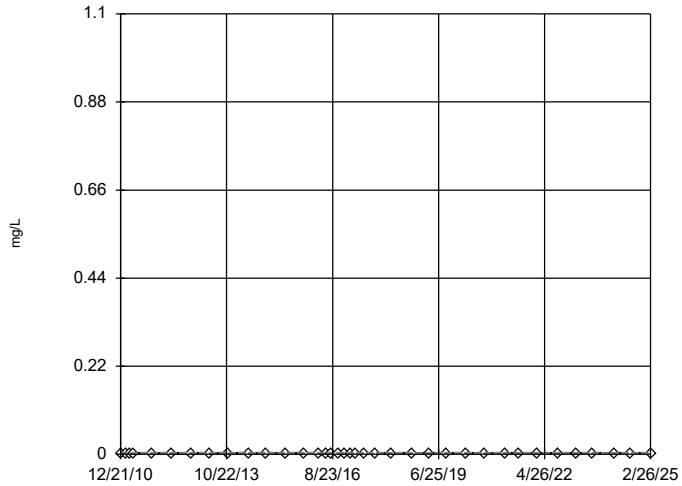
Constituent: Cadmium Analysis Run 4/17/2025 10:49 AM

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Tukey's Outlier Screening

GWA-48 (bg)



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

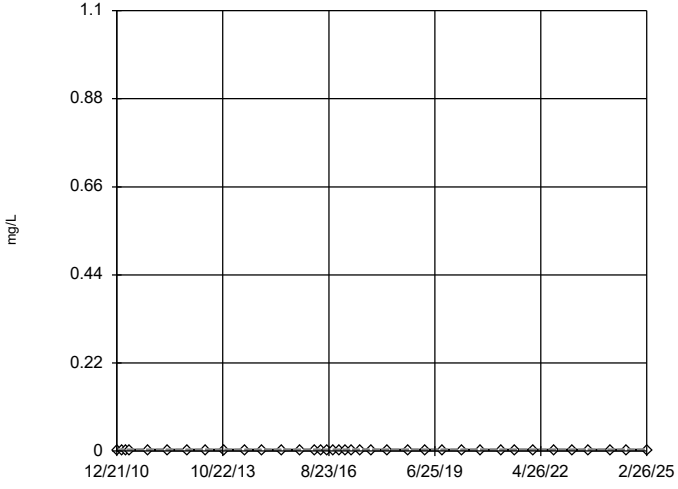
Constituent: Cadmium Analysis Run 4/17/2025 10:49 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWA-49 (bg)



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

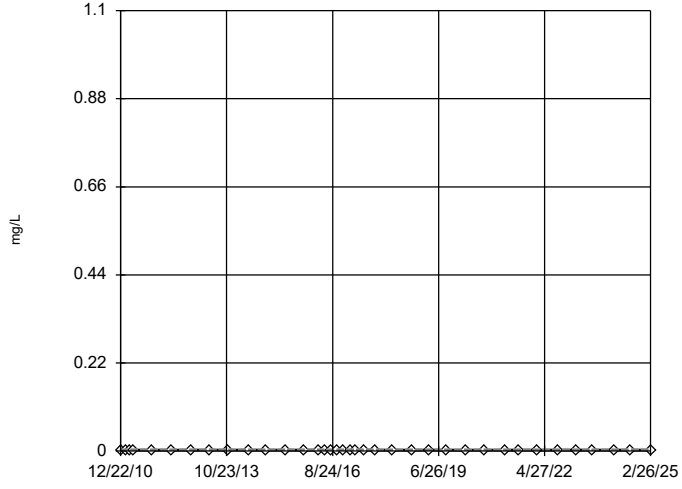
Constituent: Cadmium Analysis Run 4/17/2025 10:49 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWC-29



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

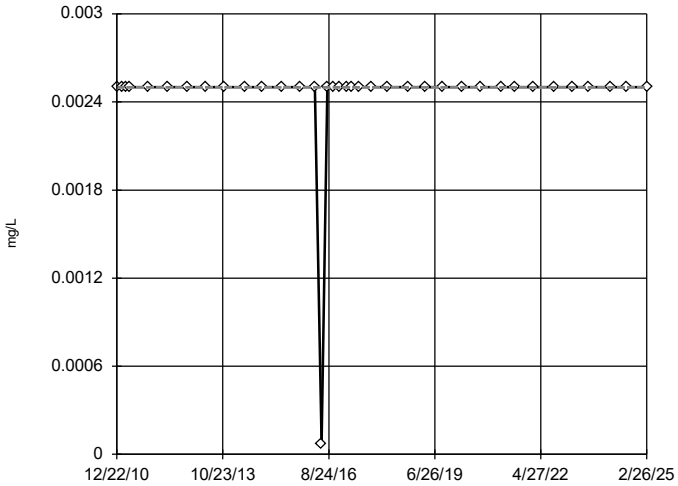
Constituent: Cadmium Analysis Run 4/17/2025 10:49 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Tukey's Outlier Screening

GWC-50



n = 37

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

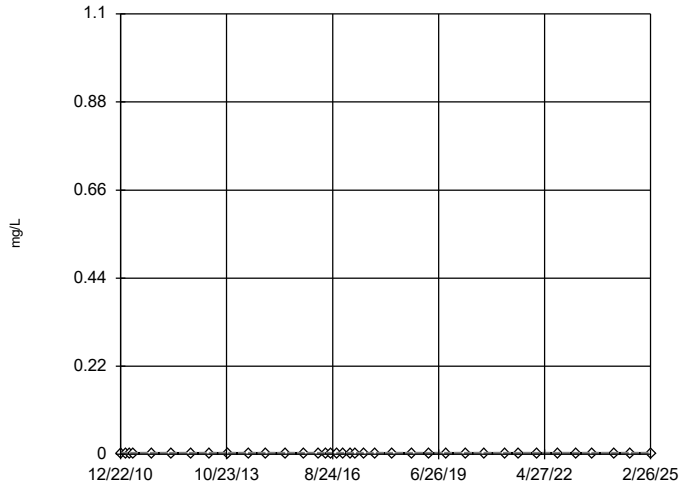
Constituent: Cadmium Analysis Run 4/17/2025 10:49 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWC-51



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

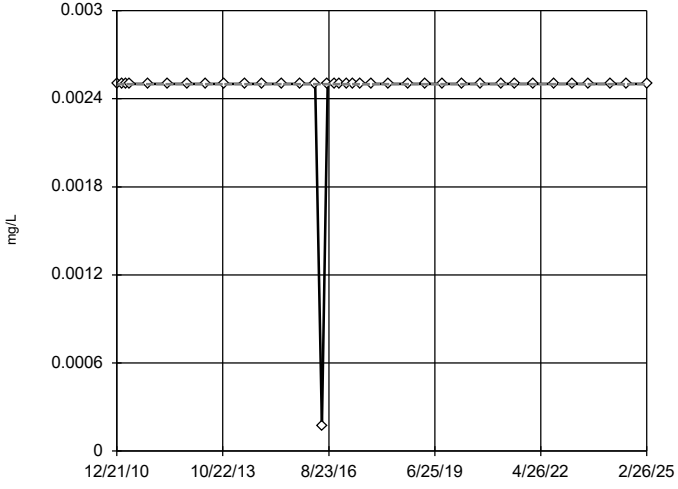
Constituent: Cadmium Analysis Run 4/17/2025 10:49 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Tukey's Outlier Screening

GWC-52



n = 37

No outliers found. Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

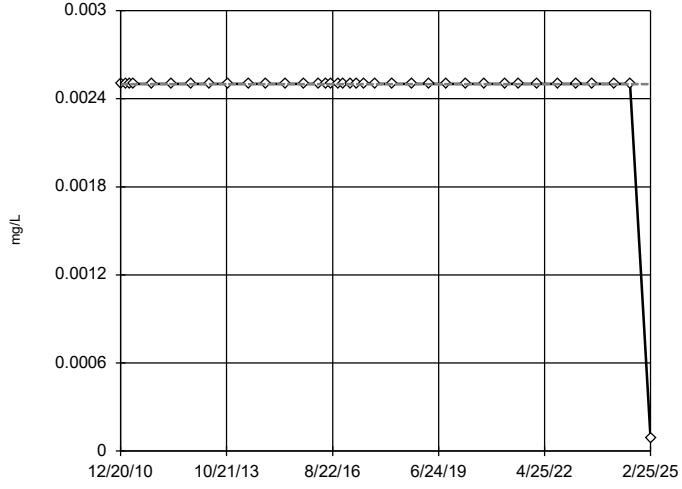
Constituent: Cadmium Analysis Run 4/17/2025 10:49 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWC-53



n = 37

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

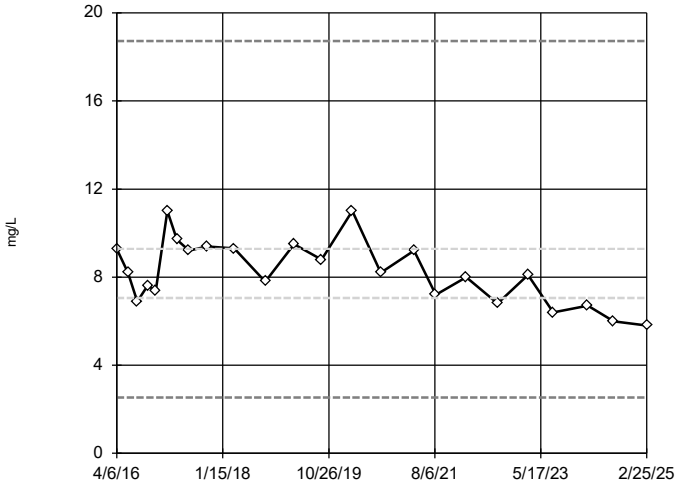
Constituent: Cadmium Analysis Run 4/17/2025 10:49 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWA-21 (bg)



n = 24

No outliers found. Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

High cutoff = 18.72, low cutoff = 2.538, based on IQR multiplier of 3.

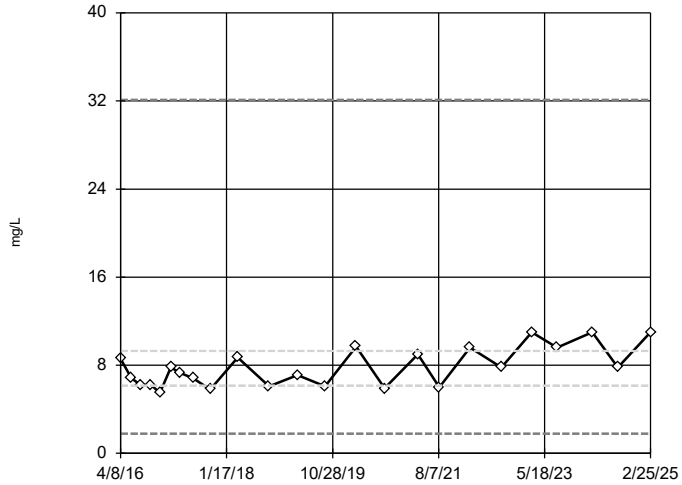
Constituent: Calcium Analysis Run 4/17/2025 10:49 AM

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Tukey's Outlier Screening

GWA-22 (bg)



n = 24

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 32.1, low cutoff = 1.781, based on IQR multiplier of 3.

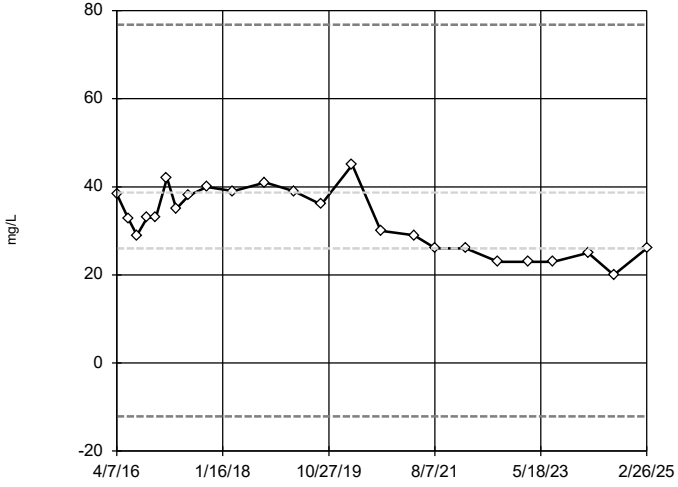
Constituent: Calcium Analysis Run 4/17/2025 10:49 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWA-45 (bg)



n = 24

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

High cutoff = 76.8, low cutoff = -12.1, based on IQR multiplier of 3.

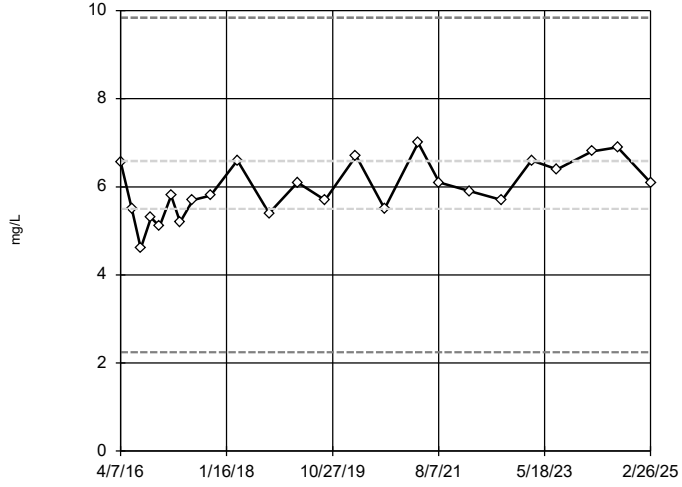
Constituent: Calcium Analysis Run 4/17/2025 10:49 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWA-46 (bg)



n = 24

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

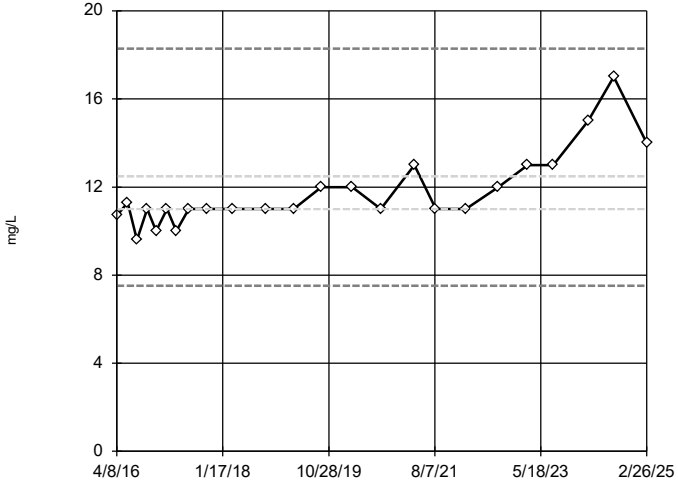
High cutoff = 9.84, low cutoff = 2.245, based on IQR multiplier of 3.

Constituent: Calcium Analysis Run 4/17/2025 10:49 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Tukey's Outlier Screening

GWA-47 (bg)



n = 24

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 18.28, low cutoff = 7.514, based on IQR multiplier of 3.

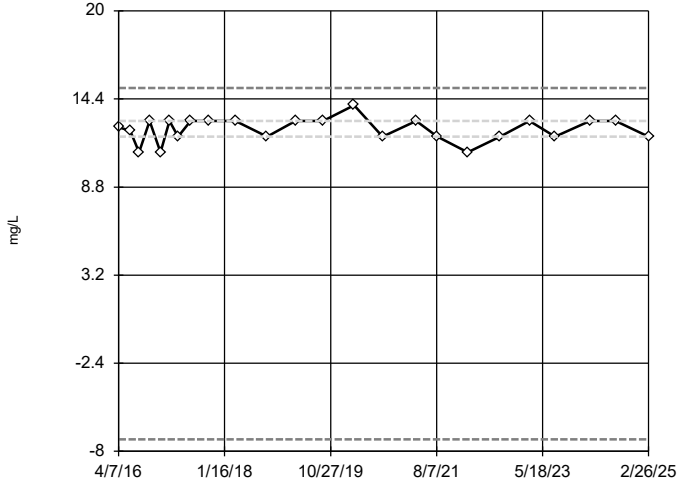
Constituent: Calcium Analysis Run 4/17/2025 10:49 AM

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Tukey's Outlier Screening

GWA-48 (bg)



n = 24

No outliers found. Tukey's method selected by user.

Data were x^4 transformed to achieve best W statistic (graph shown in original units).

High cutoff = 15.1, low cutoff = -7.234, based on IQR multiplier of 3.

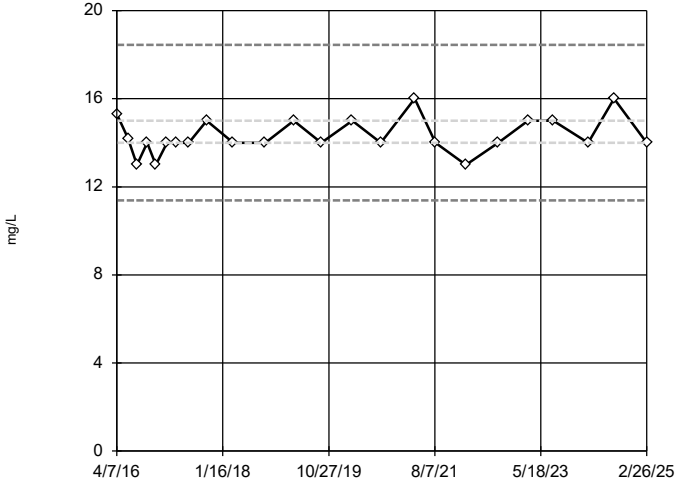
Constituent: Calcium Analysis Run 4/17/2025 10:49 AM

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Tukey's Outlier Screening

GWA-49 (bg)



n = 24

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 18.45, low cutoff = 11.38, based on IQR multiplier of 3.

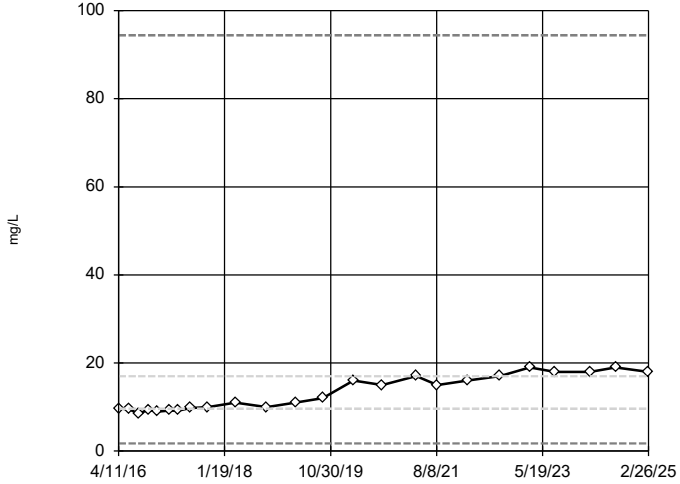
Constituent: Calcium Analysis Run 4/17/2025 10:49 AM

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Tukey's Outlier Screening

GWC-29



n = 24

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

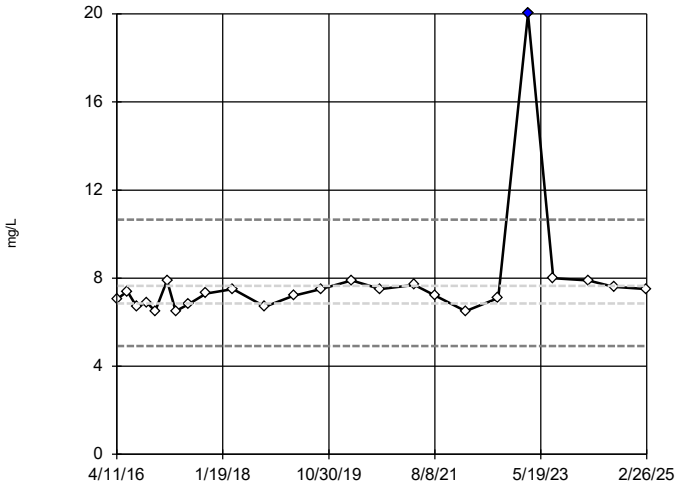
High cutoff = 94.42, low cutoff = 1.728, based on IQR multiplier of 3.

Constituent: Calcium Analysis Run 4/17/2025 10:49 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Tukey's Outlier Screening

GWC-50



n = 24

Outlier is drawn as solid. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 10.66, low cutoff = 4.918, based on IQR multiplier of 3.

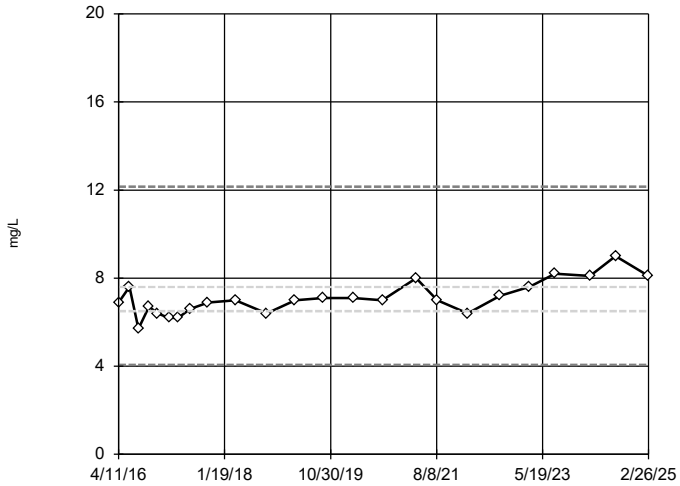
Constituent: Calcium Analysis Run 4/17/2025 10:49 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWC-51



n = 24

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 12.15, low cutoff = 4.064, based on IQR multiplier of 3.

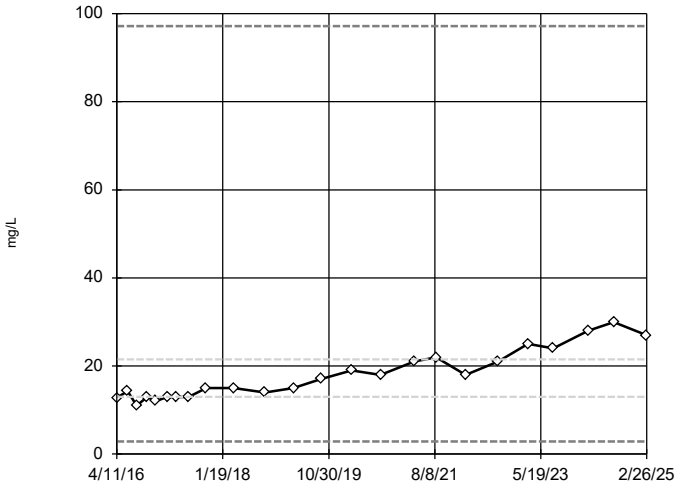
Constituent: Calcium Analysis Run 4/17/2025 10:49 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWC-52



n = 24

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 97.15, low cutoff = 2.876, based on IQR multiplier of 3.

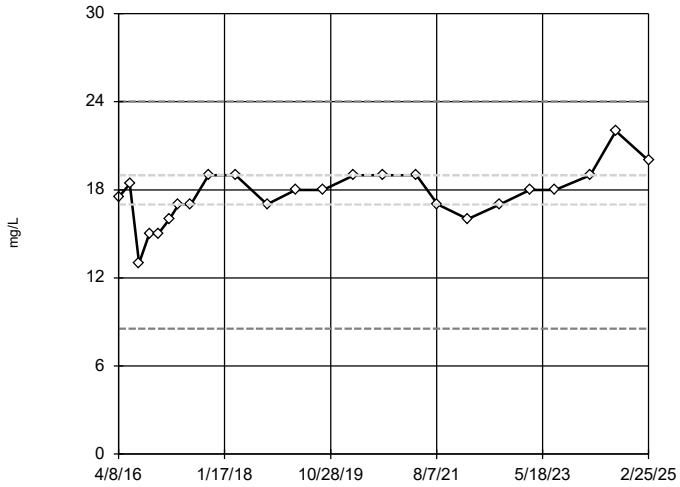
Constituent: Calcium Analysis Run 4/17/2025 10:49 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWC-53



n = 24

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

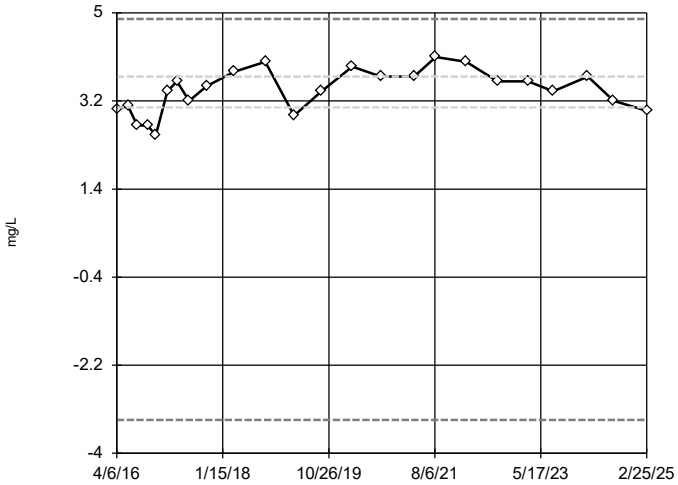
High cutoff = 24.02, low cutoff = 8.544, based on IQR multiplier of 3.

Constituent: Calcium Analysis Run 4/17/2025 10:49 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Tukey's Outlier Screening

GWA-21 (bg)



n = 24

No outliers found. Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

High cutoff = 4.877, low cutoff = -3.318, based on IQR multiplier of 3.

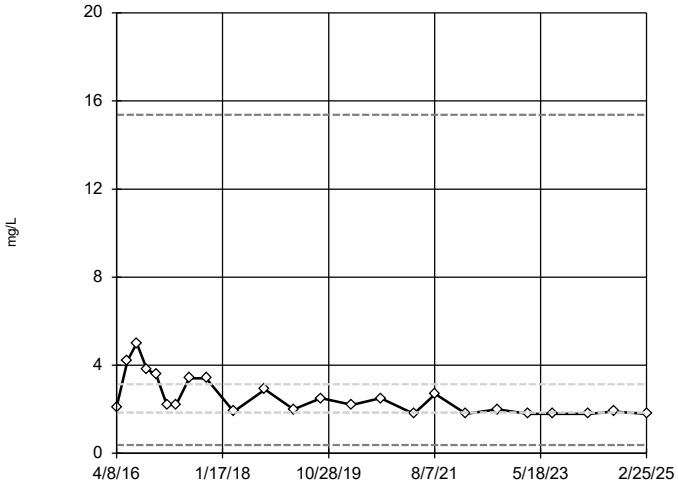
Constituent: Chloride Analysis Run 4/17/2025 10:49 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWA-22 (bg)



n = 24

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 15.37, low cutoff = 0.3778, based on IQR multiplier of 3.

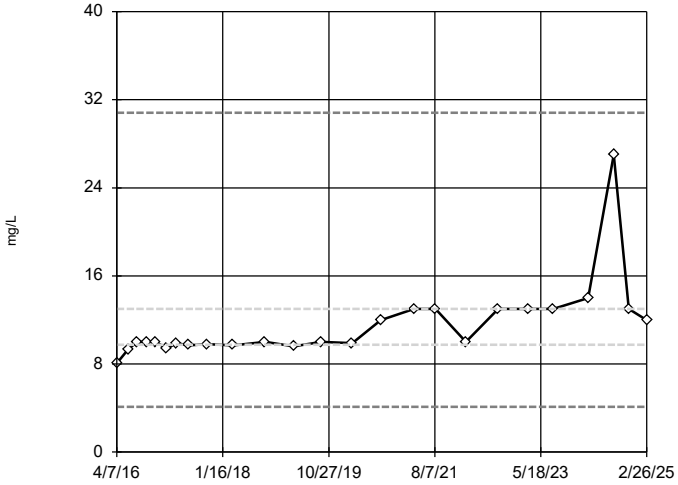
Constituent: Chloride Analysis Run 4/17/2025 10:49 AM

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Tukey's Outlier Screening

GWA-45 (bg)



n = 25

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 30.82, low cutoff = 4.113, based on IQR multiplier of 3.

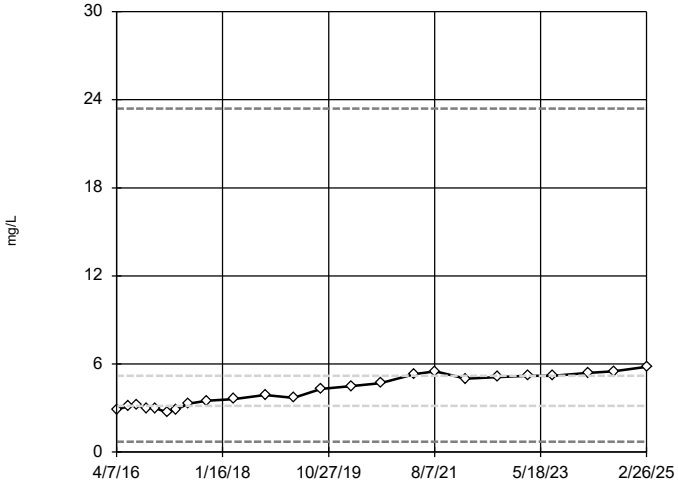
Constituent: Chloride Analysis Run 4/17/2025 10:49 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWA-46 (bg)



n = 24

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 23.4, low cutoff = 0.6999, based on IQR multiplier of 3.

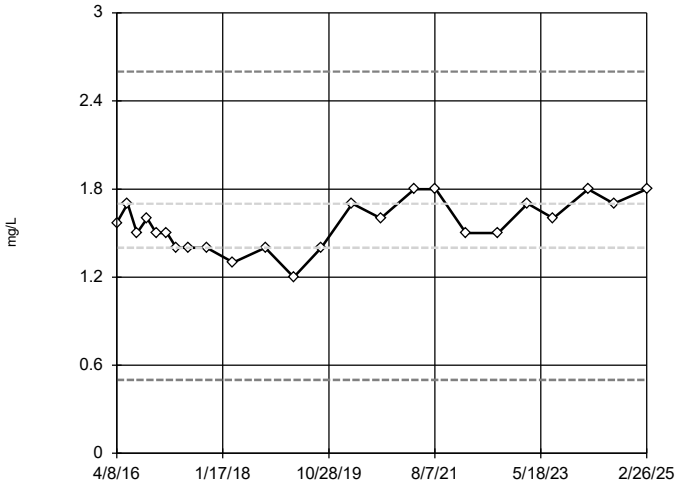
Constituent: Chloride Analysis Run 4/17/2025 10:49 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWA-47 (bg)



n = 24

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

High cutoff = 2.6, low cutoff = 0.5, based on IQR multiplier of 3.

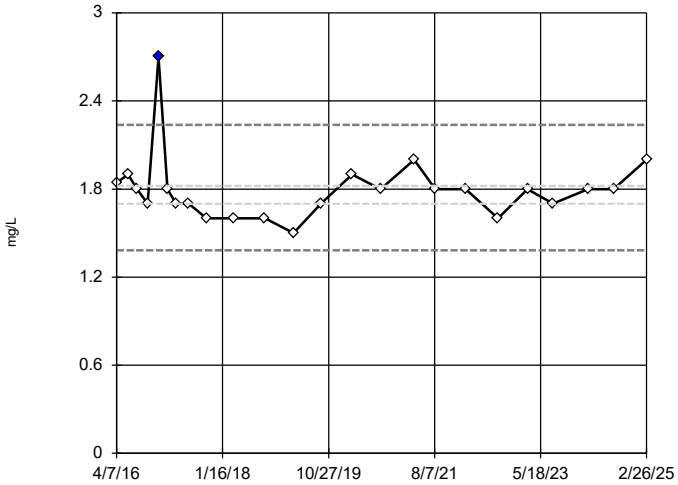
Constituent: Chloride Analysis Run 4/17/2025 10:49 AM

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Tukey's Outlier Screening

GWA-48 (bg)



n = 24

Outlier is drawn as solid. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 2.238, low cutoff = 1.383, based on IQR multiplier of 3.

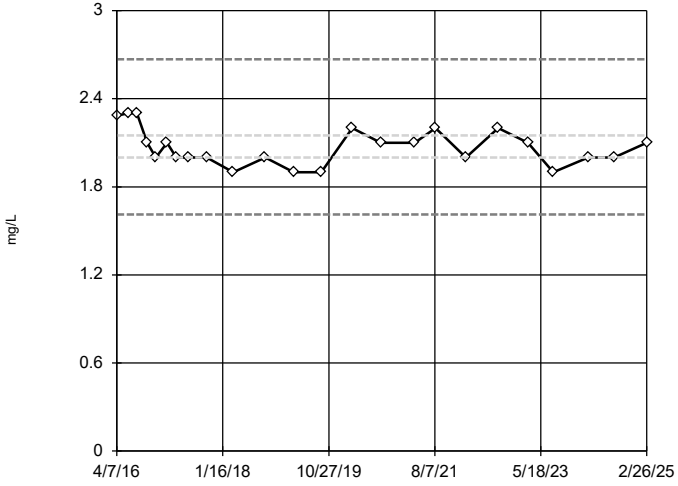
Constituent: Chloride Analysis Run 4/17/2025 10:49 AM

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Tukey's Outlier Screening

GWA-49 (bg)



n = 24

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 2.668, low cutoff = 1.611, based on IQR multiplier of 3.

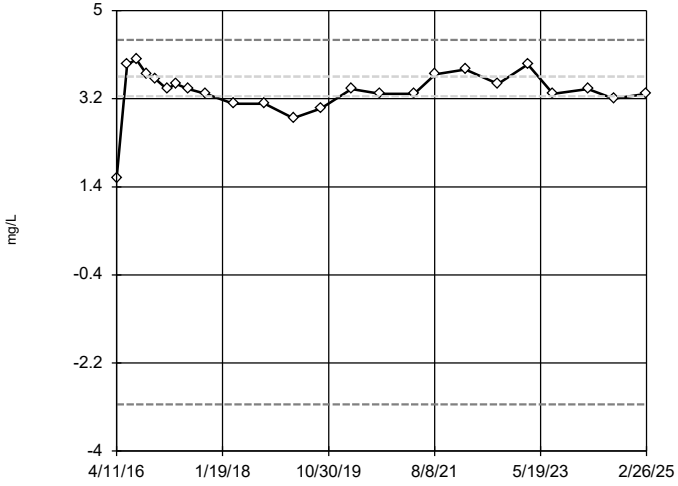
Constituent: Chloride Analysis Run 4/17/2025 10:49 AM

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Tukey's Outlier Screening

GWC-29



n = 24

No outliers found. Tukey's method selected by user.

Data were x^4 transformed to achieve best W statistic (graph shown in original units).

High cutoff = 4.402, low cutoff = -3.047, based on IQR multiplier of 3.

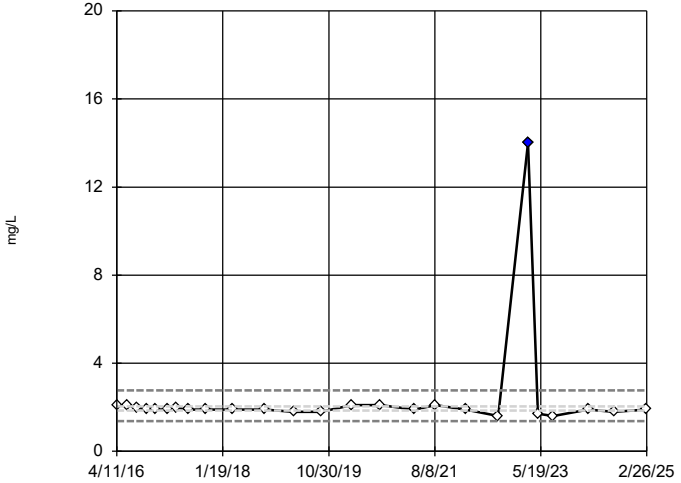
Constituent: Chloride Analysis Run 4/17/2025 10:49 AM

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Tukey's Outlier Screening

GWC-50



n = 25

Outlier is drawn as solid. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 2.763, low cutoff = 1.369, based on IQR multiplier of 3.

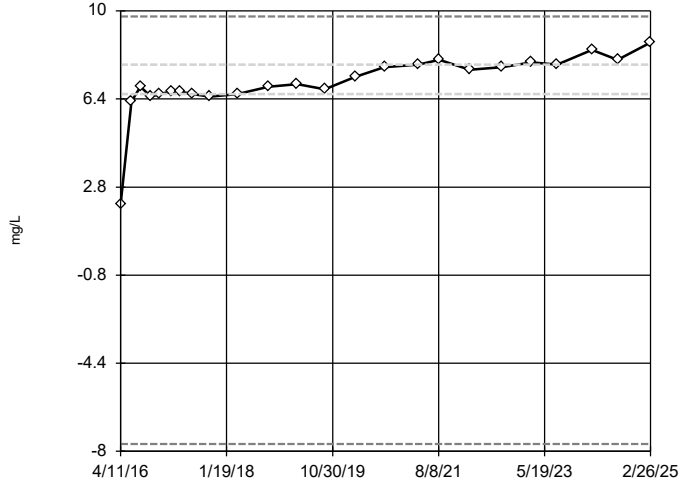
Constituent: Chloride Analysis Run 4/17/2025 10:49 AM

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Tukey's Outlier Screening

GWC-51



n = 24

No outliers found. Tukey's method selected by user.

Data were x^4 transformed to achieve best W statistic (graph shown in original units).

High cutoff = 9.771, low cutoff = -7.7, based on IQR multiplier of 3.

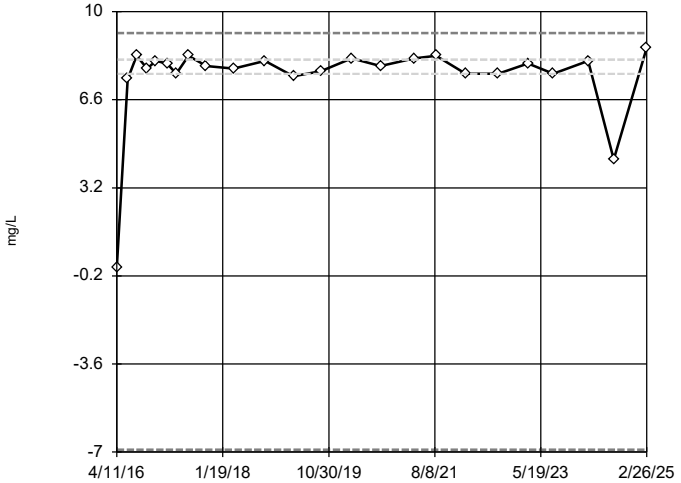
Constituent: Chloride Analysis Run 4/17/2025 10:49 AM

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Tukey's Outlier Screening

GWC-52



n = 24

No outliers found. Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

High cutoff = 9.17, low cutoff = -6.91, based on IQR multiplier of 3.

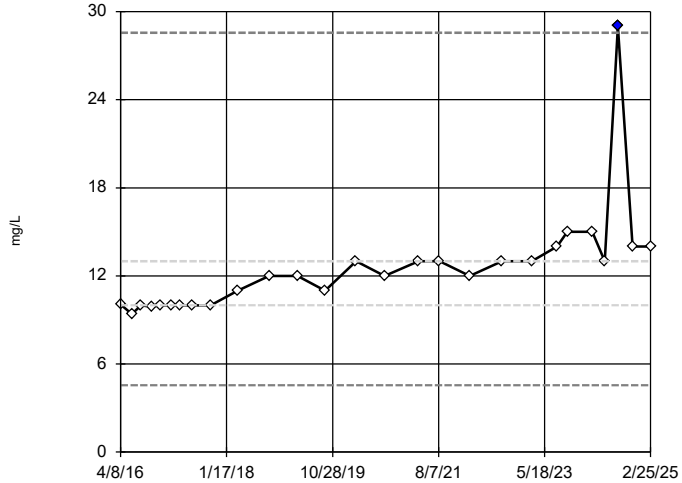
Constituent: Chloride Analysis Run 4/17/2025 10:49 AM

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Tukey's Outlier Screening

GWC-53



n = 27

Outlier is drawn as solid. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 28.56, low cutoff = 4.552, based on IQR multiplier of 3.

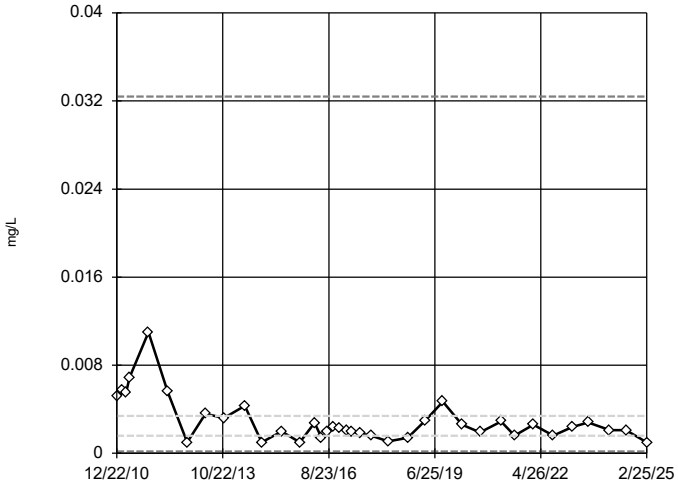
Constituent: Chloride Analysis Run 4/17/2025 10:49 AM

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Tukey's Outlier Screening

GWA-21 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.0324, low cutoff = 0.0001676, based on IQR multiplier of 3.

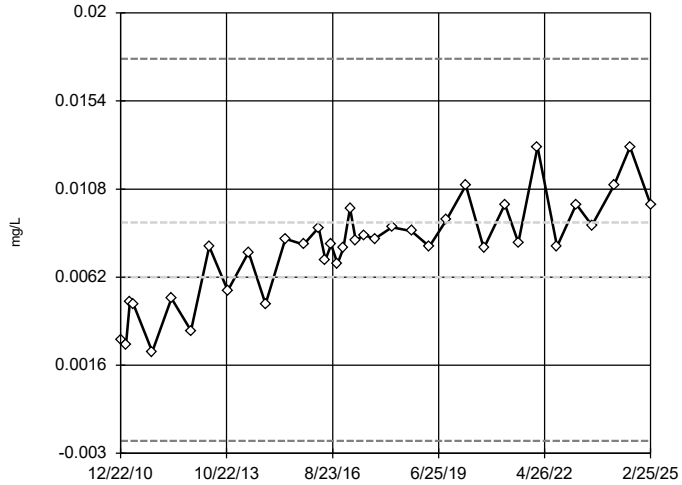
Constituent: Chromium Analysis Run 4/17/2025 10:49 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWA-22 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

High cutoff = 0.0176, low cutoff = -0.00235, based on IQR multiplier of 3.

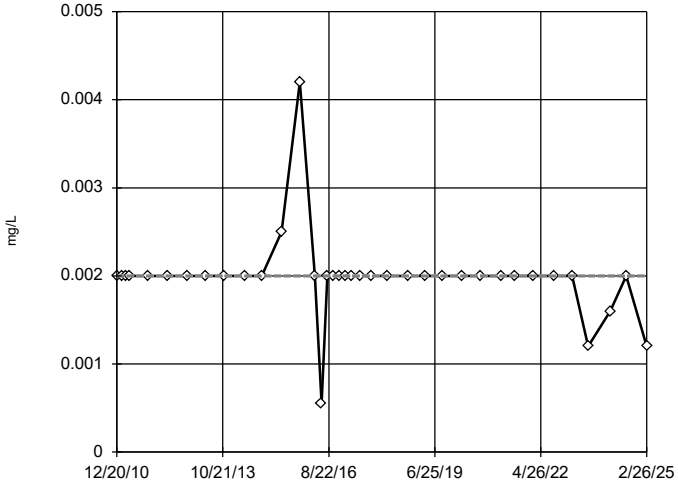
Constituent: Chromium Analysis Run 4/17/2025 10:50 AM

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Tukey's Outlier Screening

GWA-45 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

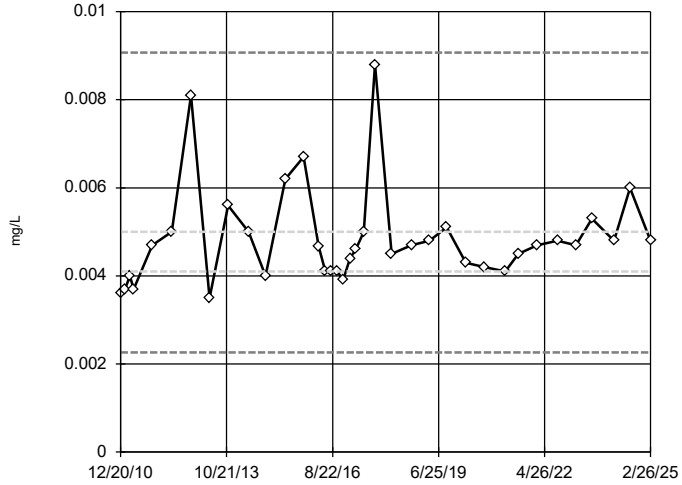
Constituent: Chromium Analysis Run 4/17/2025 10:50 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWA-46 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.009068, low cutoff = 0.002261, based on IQR multiplier of 3.

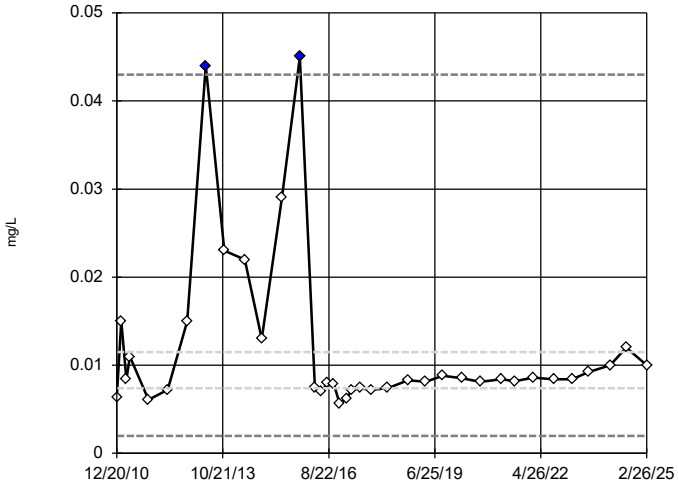
Constituent: Chromium Analysis Run 4/17/2025 10:50 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWA-47 (bg)



n = 37

Outliers are drawn as solid.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.043, low cutoff = 0.001977, based on IQR multiplier of 3.

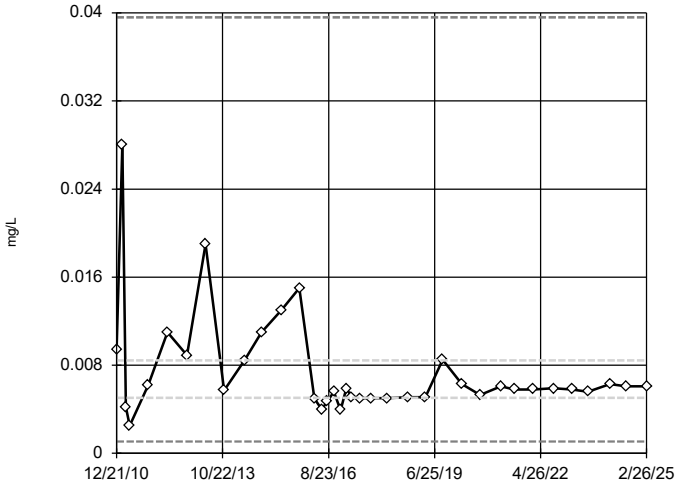
Constituent: Chromium Analysis Run 4/17/2025 10:50 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWA-48 (bg)



n = 37

No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.03959, low cutoff = 0.001078, based on IQR multiplier of 3.

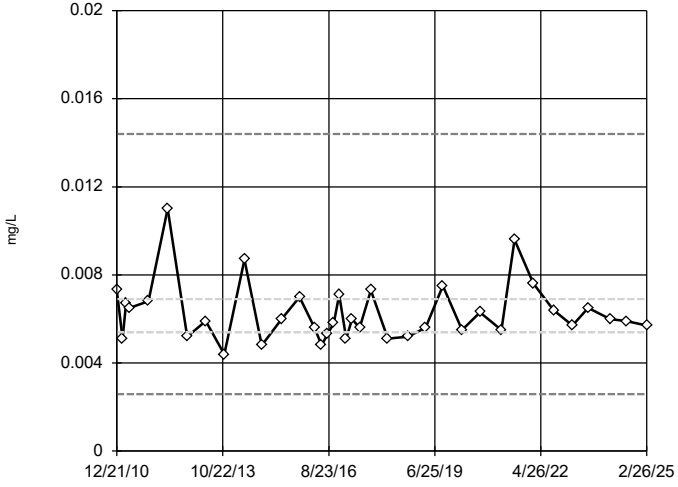
Constituent: Chromium Analysis Run 4/17/2025 10:50 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWA-49 (bg)



n = 37

No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.0144, low cutoff = 0.002587, based on IQR multiplier of 3.

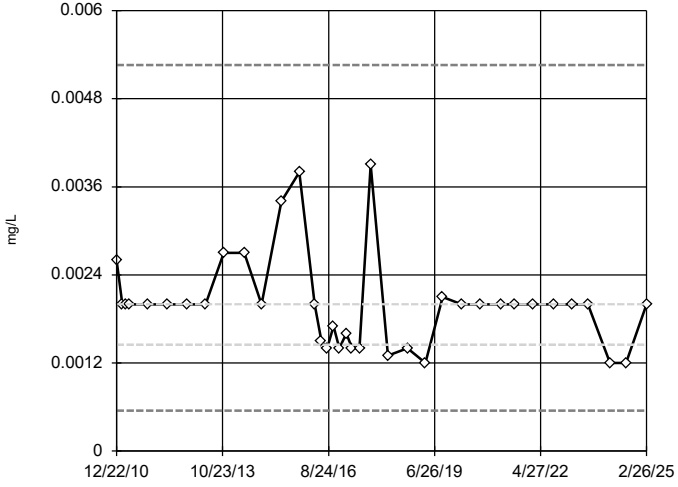
Constituent: Chromium Analysis Run 4/17/2025 10:50 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWC-29



n = 37

No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.005258, low cutoff = 0.0005512, based on IQR multiplier of 3.

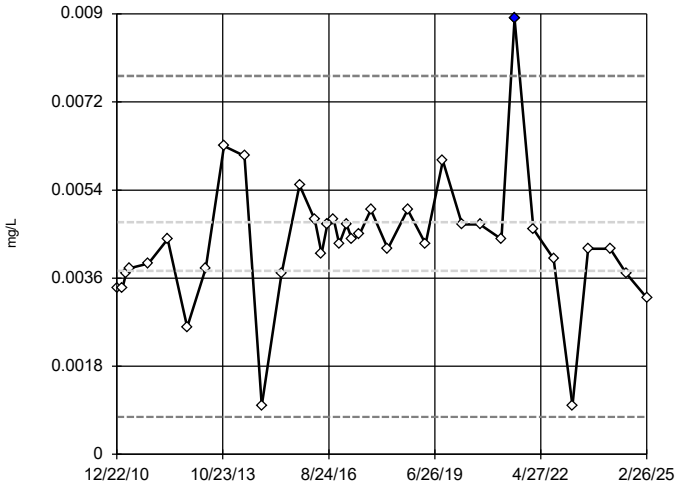
Constituent: Chromium Analysis Run 4/17/2025 10:50 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWC-50



n = 37

Outlier is drawn as solid.
Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

High cutoff = 0.00773, low cutoff = 0.000765, based on IQR multiplier of 3.

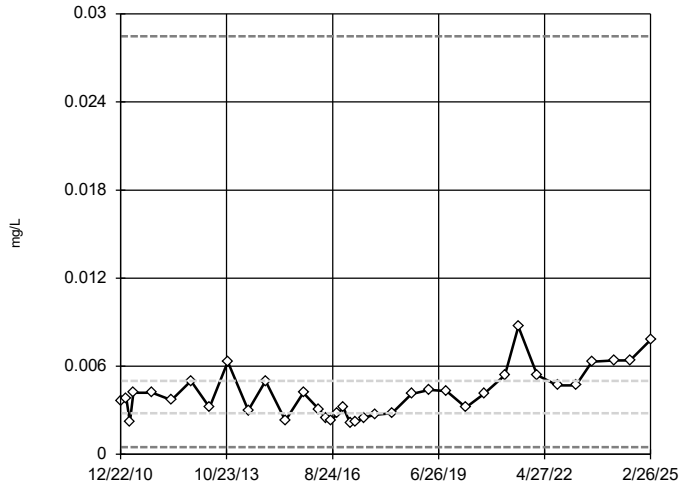
Constituent: Chromium Analysis Run 4/17/2025 10:50 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWC-51



n = 37

No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.02847, low cutoff = 0.0004917, based on IQR multiplier of 3.

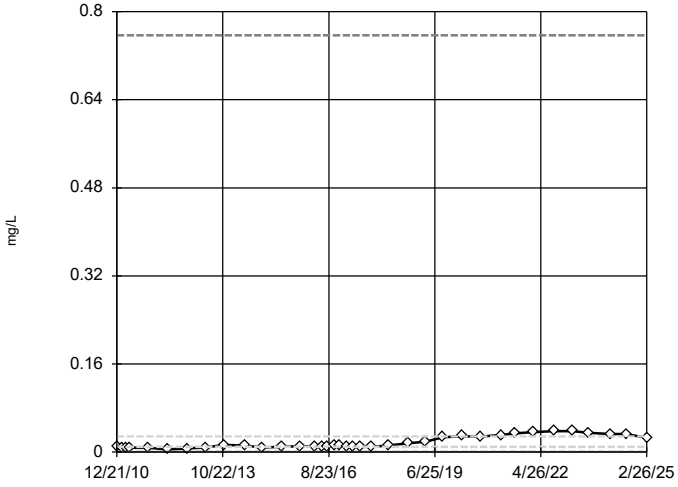
Constituent: Chromium Analysis Run 4/17/2025 10:50 AM

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Tukey's Outlier Screening

GWC-52



n = 37

No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.757, low cutoff = 0.0003595, based on IQR multiplier of 3.

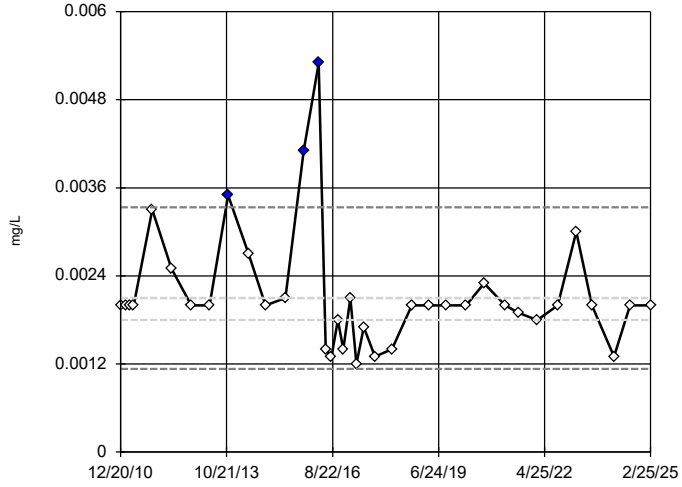
Constituent: Chromium Analysis Run 4/17/2025 10:50 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWC-53



n = 37

Outliers are drawn as solid.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.003335, low cutoff = 0.001134, based on IQR multiplier of 3.

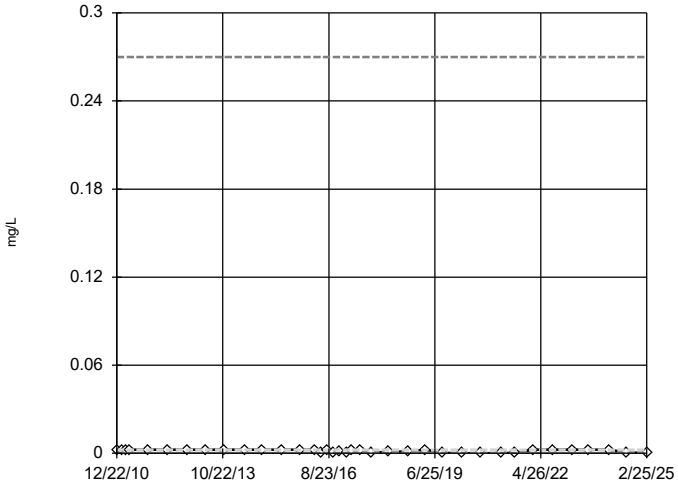
Constituent: Chromium Analysis Run 4/17/2025 10:50 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWA-21 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.27, low cutoff = 0.000004861, based on IQR multiplier of 3.

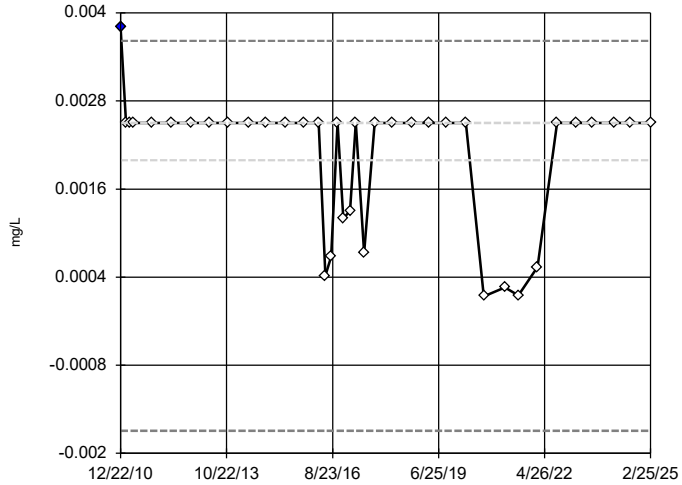
Constituent: Cobalt Analysis Run 4/17/2025 10:50 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWA-22 (bg)



n = 37

Outlier is drawn as solid. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.003618, low cutoff = -0.001694, based on IQR multiplier of 3.

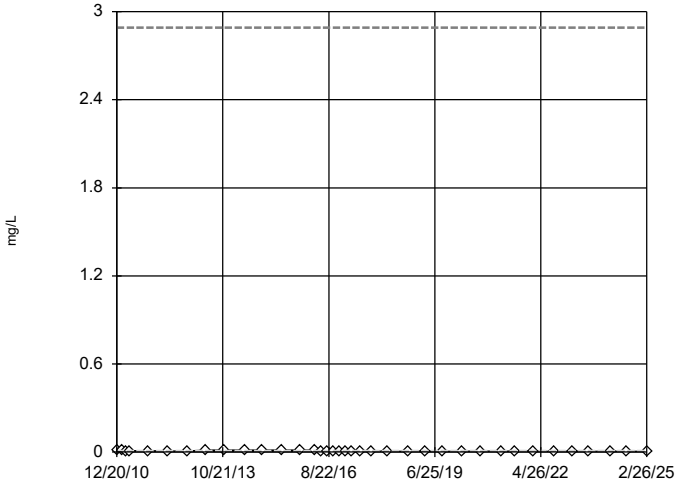
Constituent: Cobalt Analysis Run 4/17/2025 10:50 AM

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Tukey's Outlier Screening

GWA-45 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 2.891, low cutoff = 0.00000349, based on IQR multiplier of 3.

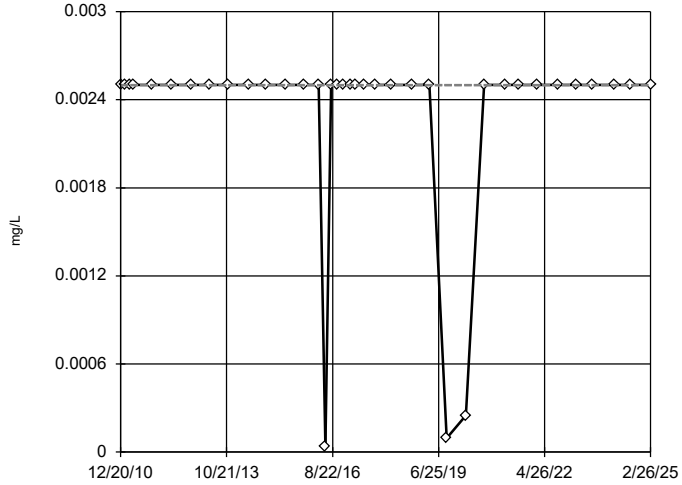
Constituent: Cobalt Analysis Run 4/17/2025 10:50 AM

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Tukey's Outlier Screening

GWA-46 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

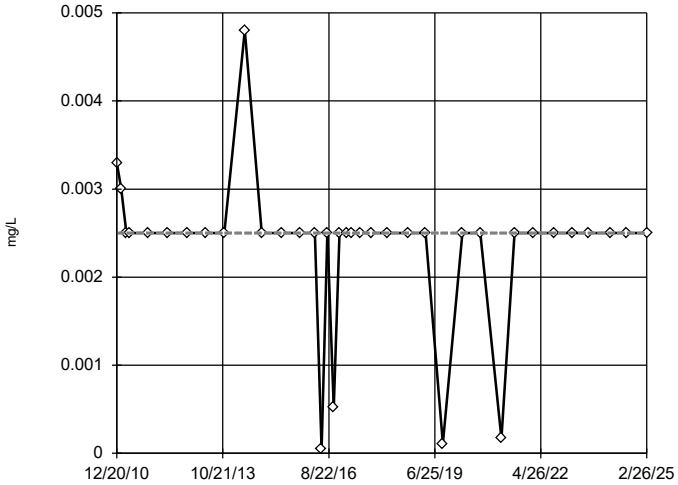
Constituent: Cobalt Analysis Run 4/17/2025 10:50 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWA-47 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

The results were invalidated, because the lower and upper quartiles are equal.

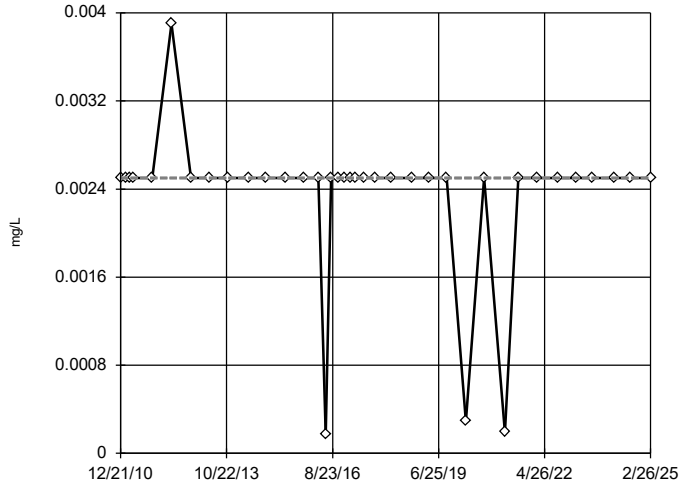
Constituent: Cobalt Analysis Run 4/17/2025 10:50 AM

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Tukey's Outlier Screening

GWA-48 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

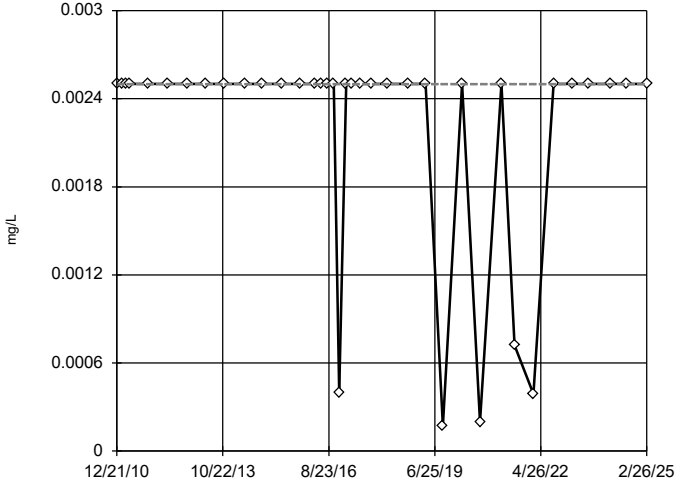
Constituent: Cobalt Analysis Run 4/17/2025 10:50 AM

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Tukey's Outlier Screening

GWA-49 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

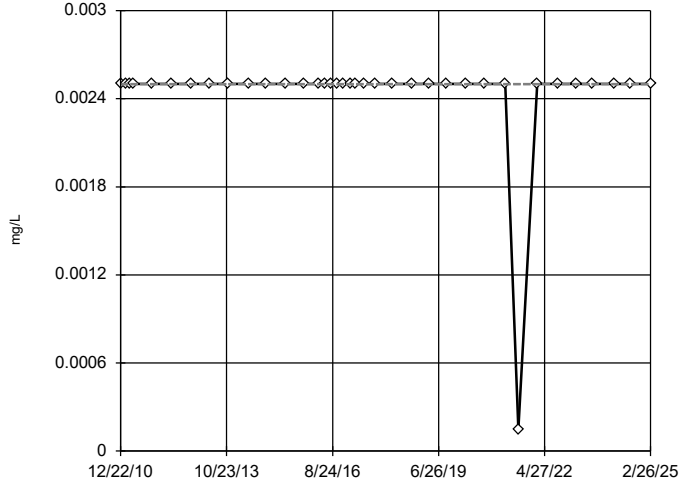
Constituent: Cobalt Analysis Run 4/17/2025 10:50 AM

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Tukey's Outlier Screening

GWC-29



n = 37

No outliers found. Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

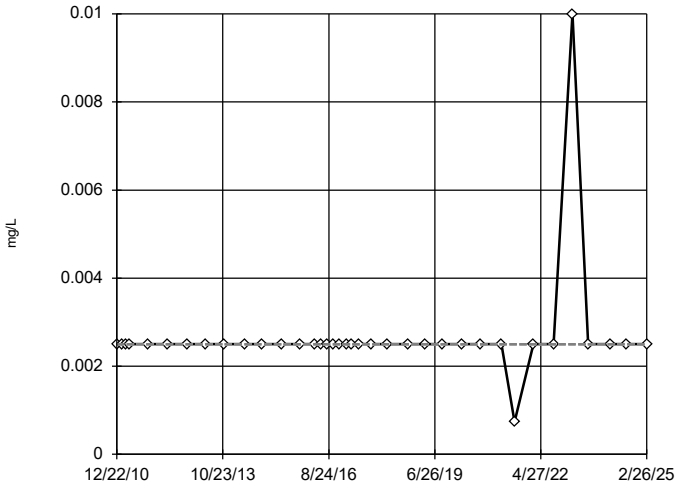
Constituent: Cobalt Analysis Run 4/17/2025 10:50 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWC-50



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

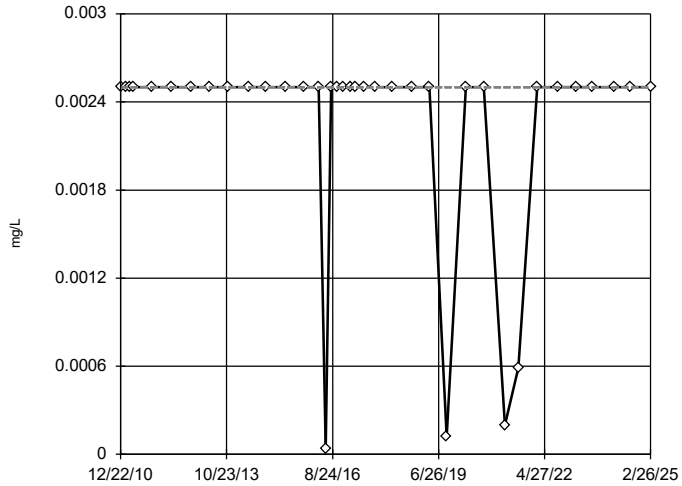
Constituent: Cobalt Analysis Run 4/17/2025 10:50 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWC-51



n = 37

No outliers found. Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

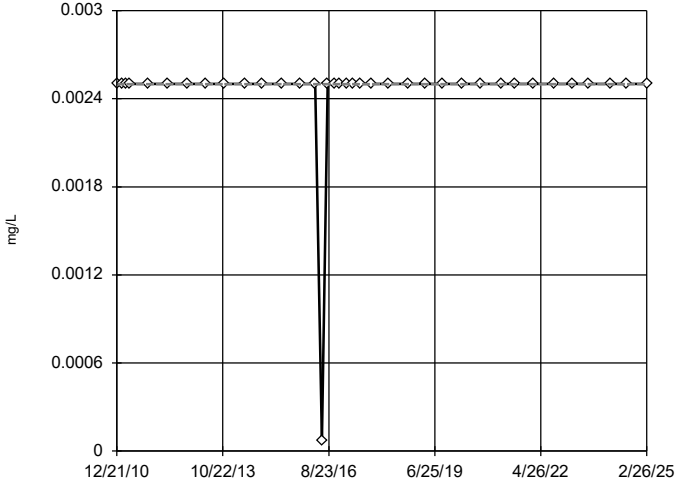
Constituent: Cobalt Analysis Run 4/17/2025 10:50 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWC-52



n = 37

No outliers found. Tukey's method selected by user.

Data were x^5 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

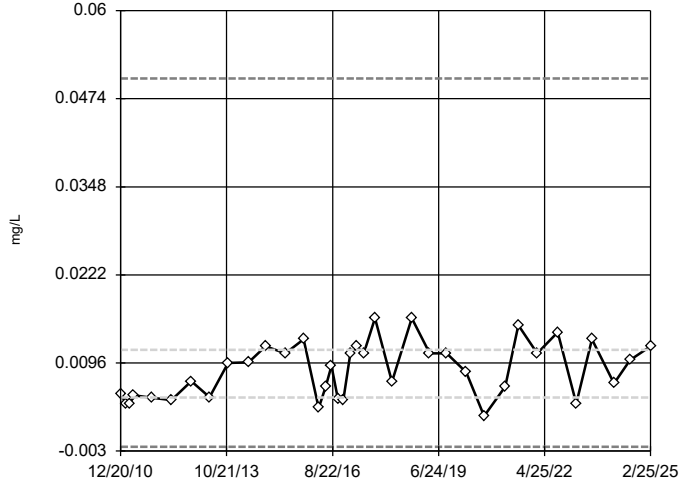
Constituent: Cobalt Analysis Run 4/17/2025 10:50 AM

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Tukey's Outlier Screening

GWC-53



n = 37

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

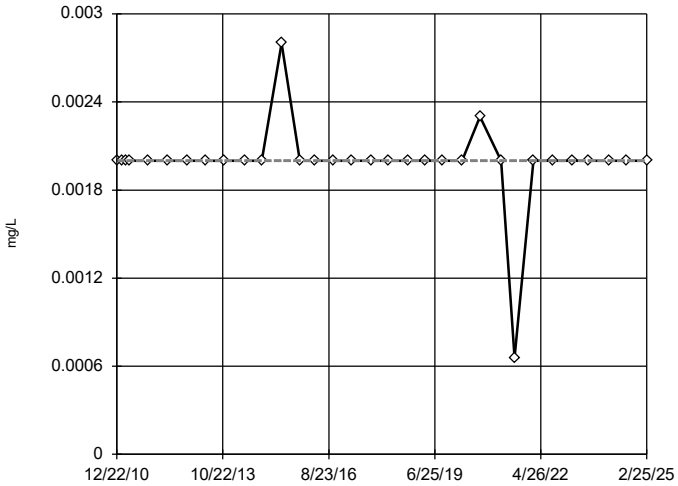
High cutoff = 0.0503, low cutoff = -0.002389, based on IQR multiplier of 3.

Constituent: Cobalt Analysis Run 4/17/2025 10:50 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Tukey's Outlier Screening

GWA-21 (bg)



n = 32

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

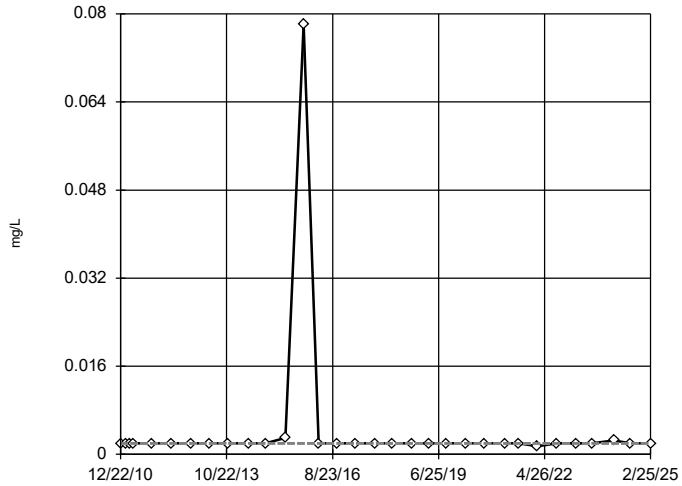
Constituent: Copper Analysis Run 4/17/2025 10:50 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWA-22 (bg)



n = 32

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

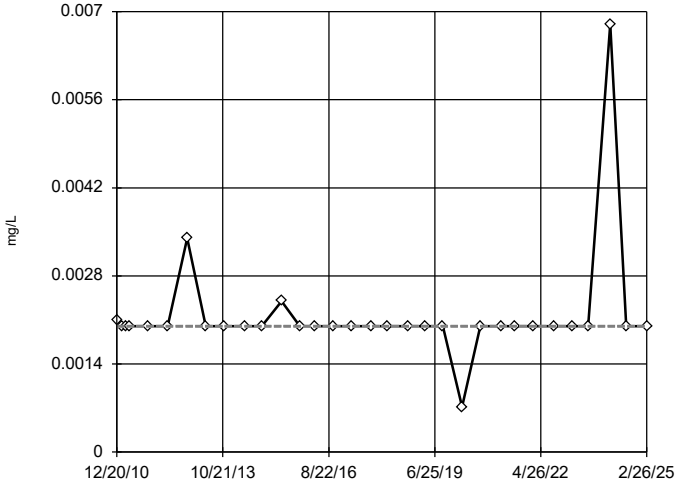
Constituent: Copper Analysis Run 4/17/2025 10:50 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWA-45 (bg)



n = 32

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

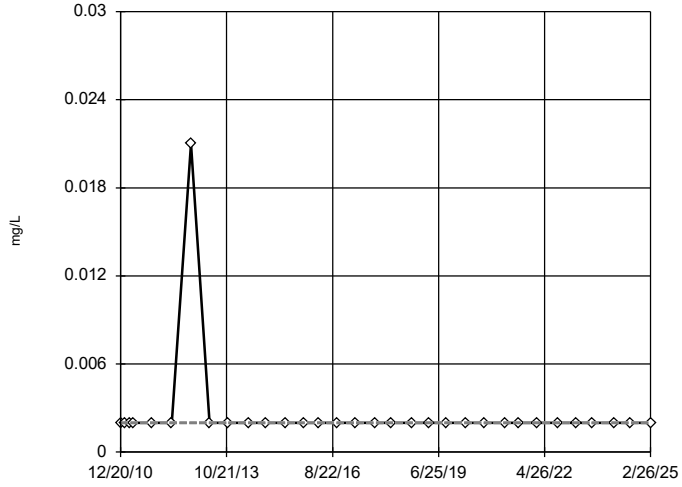
Constituent: Copper Analysis Run 4/17/2025 10:50 AM

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Tukey's Outlier Screening

GWA-46 (bg)



n = 32

No outliers found. Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

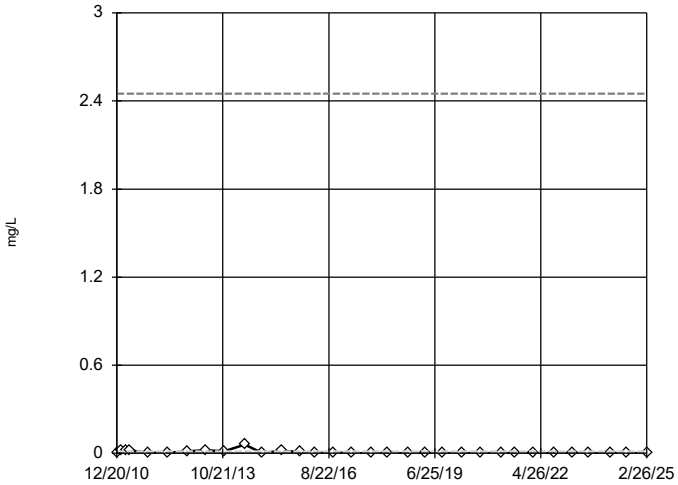
Constituent: Copper Analysis Run 4/17/2025 10:50 AM

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Tukey's Outlier Screening

GWA-47 (bg)



n = 32

No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 2.45, low cutoff = 0.000009659, based on IQR multiplier of 3.

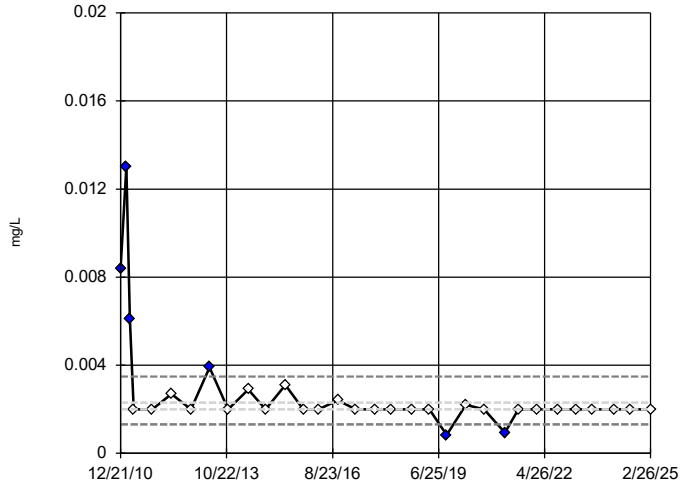
Constituent: Copper Analysis Run 4/17/2025 10:50 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWA-48 (bg)



n = 32

Outliers are drawn as solid.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.003485, low cutoff = 0.001319, based on IQR multiplier of 3.

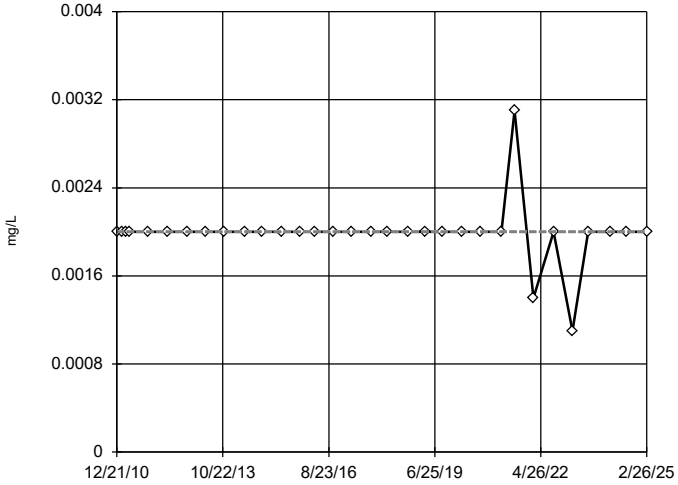
Constituent: Copper Analysis Run 4/17/2025 10:50 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWA-49 (bg)



n = 32

No outliers found.
Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

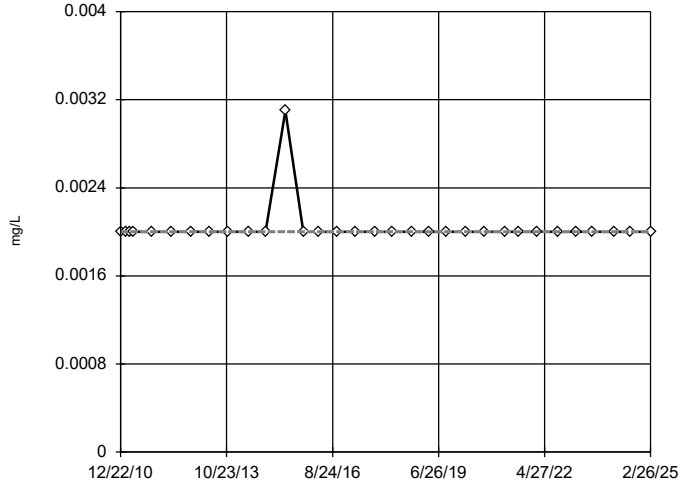
Constituent: Copper Analysis Run 4/17/2025 10:50 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWC-29



n = 32

No outliers found.
Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

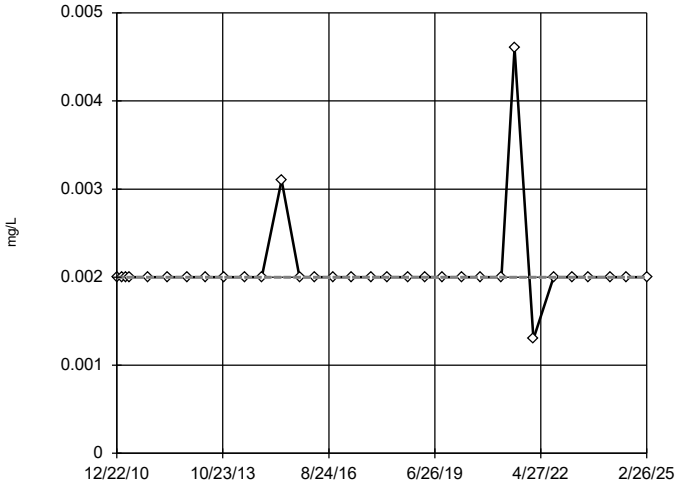
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Copper Analysis Run 4/17/2025 10:50 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Tukey's Outlier Screening

GWC-50



n = 32

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

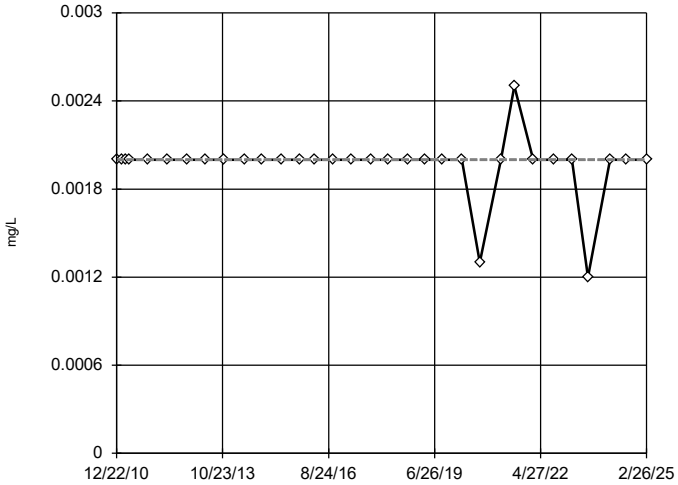
Constituent: Copper Analysis Run 4/17/2025 10:50 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWC-51



n = 32

No outliers found. Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

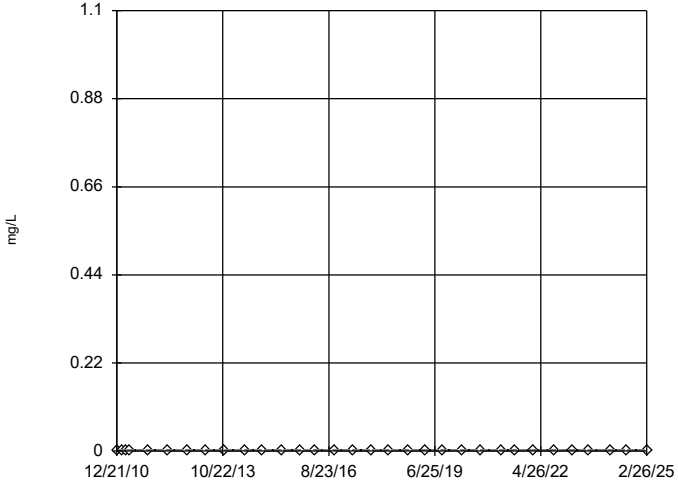
Constituent: Copper Analysis Run 4/17/2025 10:50 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWC-52



n = 32

No outliers found. Tukey's method selected by user.

All values are the same.

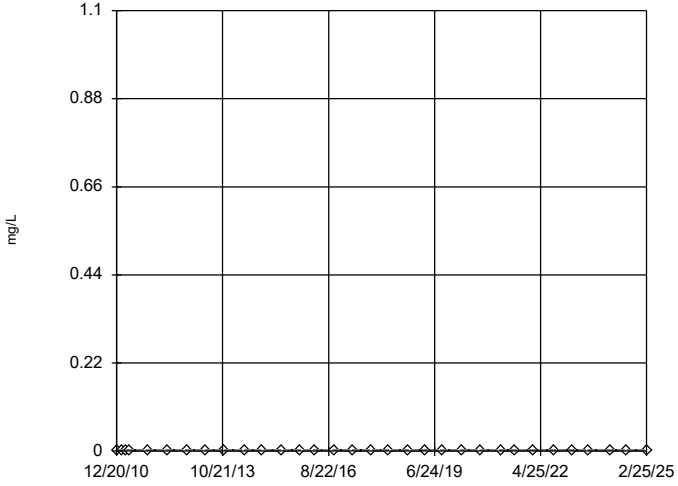
Constituent: Copper Analysis Run 4/17/2025 10:50 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWC-53



n = 32

No outliers found. Tukey's method selected by user.

All values are the same.

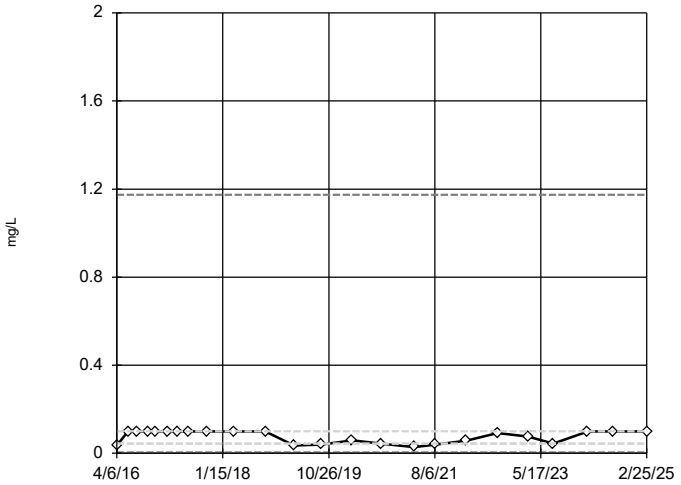
Constituent: Copper Analysis Run 4/17/2025 10:50 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWA-21 (bg)



n = 24

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 1.174, low cutoff = 0.003748, based on IQR multiplier of 3.

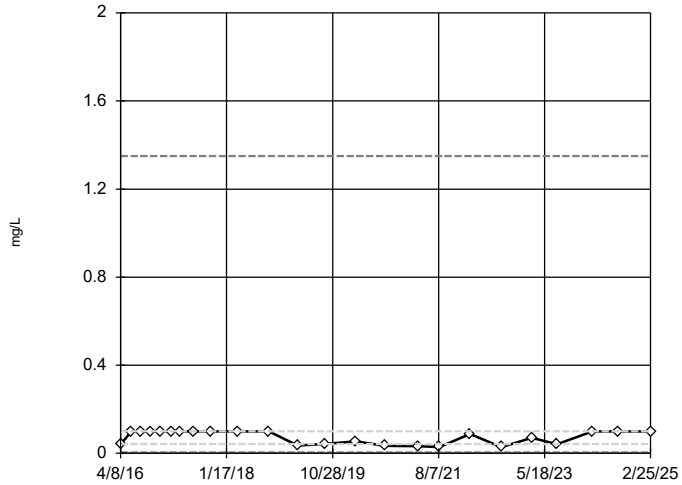
Constituent: Fluoride Analysis Run 4/17/2025 10:50 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWA-22 (bg)



n = 24

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 1.35, low cutoff = 0.003112, based on IQR multiplier of 3.

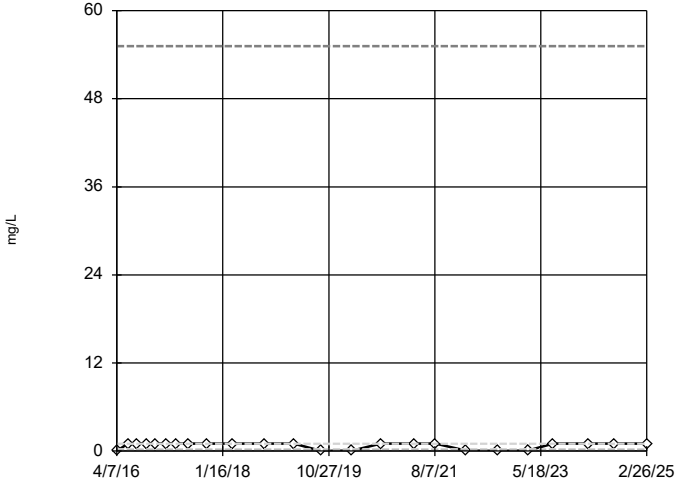
Constituent: Fluoride Analysis Run 4/17/2025 10:50 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWA-45 (bg)



n = 24

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 55.17, low cutoff = 0.004761, based on IQR multiplier of 3.

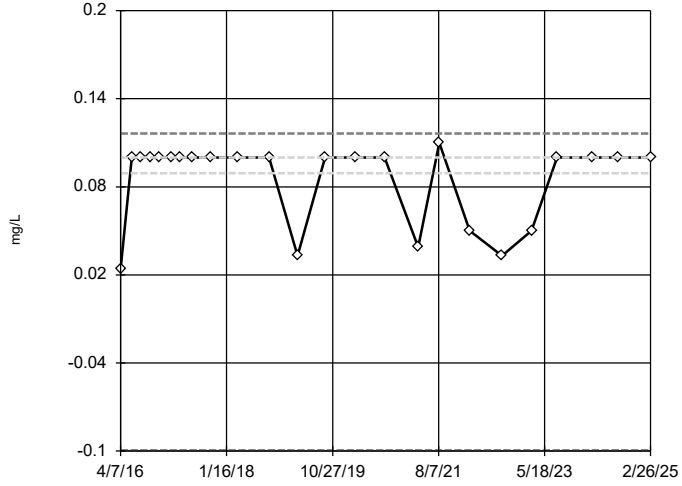
Constituent: Fluoride Analysis Run 4/17/2025 10:50 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWA-46 (bg)



n = 24

No outliers found. Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.1163, low cutoff = -0.09947, based on IQR multiplier of 3.

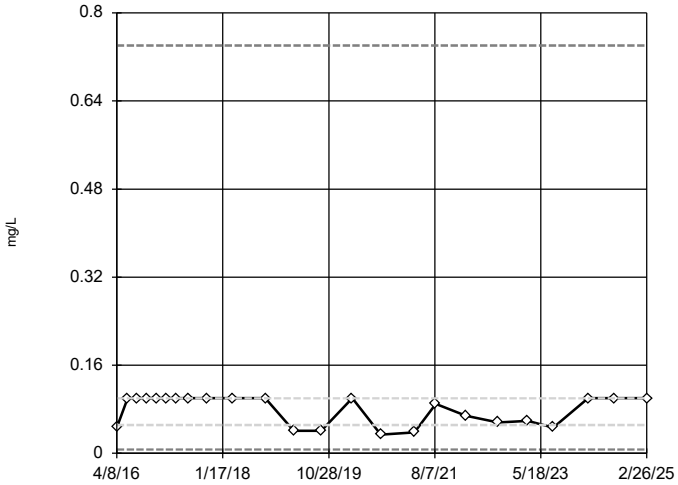
Constituent: Fluoride Analysis Run 4/17/2025 10:50 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWA-47 (bg)



n = 24

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.7406, low cutoff = 0.006927, based on IQR multiplier of 3.

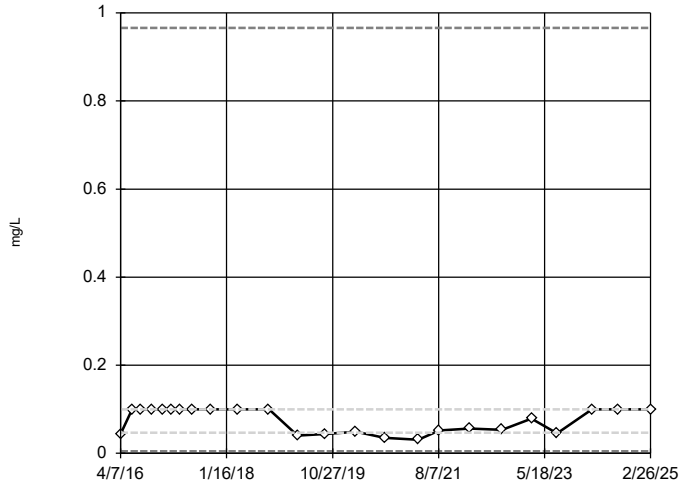
Constituent: Fluoride Analysis Run 4/17/2025 10:50 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWA-48 (bg)



n = 24

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.9658, low cutoff = 0.004862, based on IQR multiplier of 3.

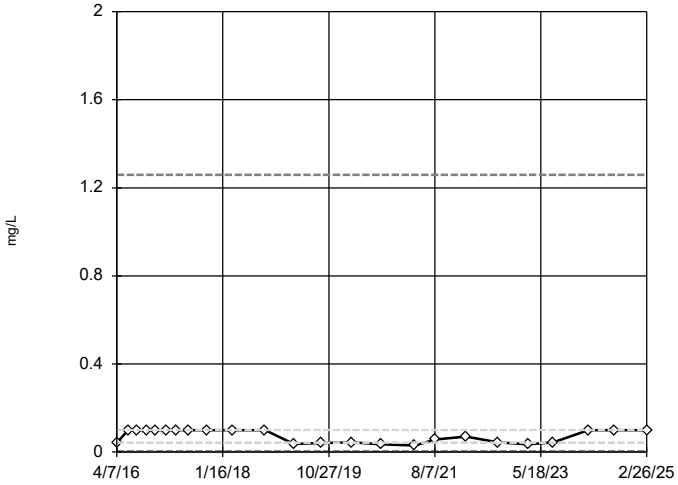
Constituent: Fluoride Analysis Run 4/17/2025 10:50 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWA-49 (bg)



n = 24

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 1.259, low cutoff = 0.003415, based on IQR multiplier of 3.

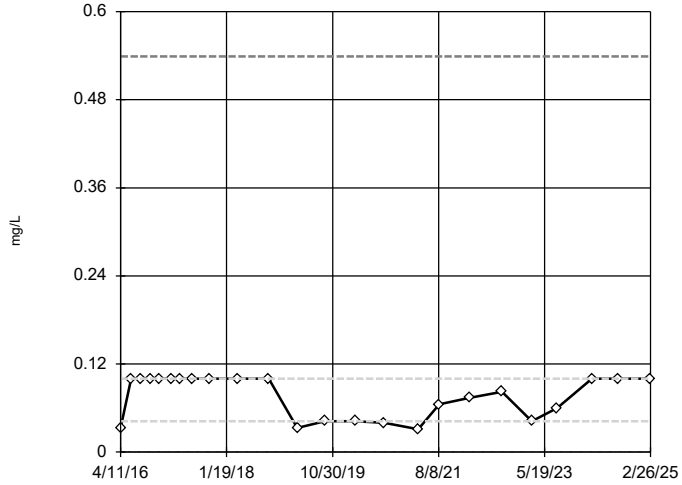
Constituent: Fluoride Analysis Run 4/17/2025 10:50 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWC-29



n = 24

No outliers found. Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

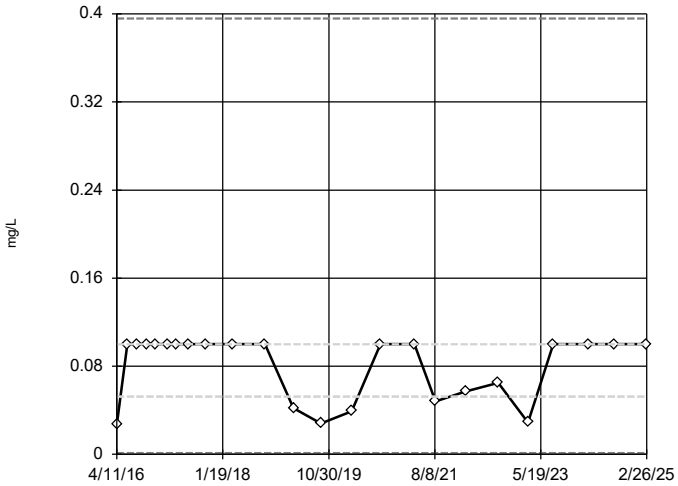
High cutoff = 0.539, low cutoff = -8.8e-9, based on IQR multiplier of 3.

Constituent: Fluoride Analysis Run 4/17/2025 10:50 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Tukey's Outlier Screening

GWC-50



n = 24

No outliers found. Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.3958, low cutoff = 0.001127, based on IQR multiplier of 3.

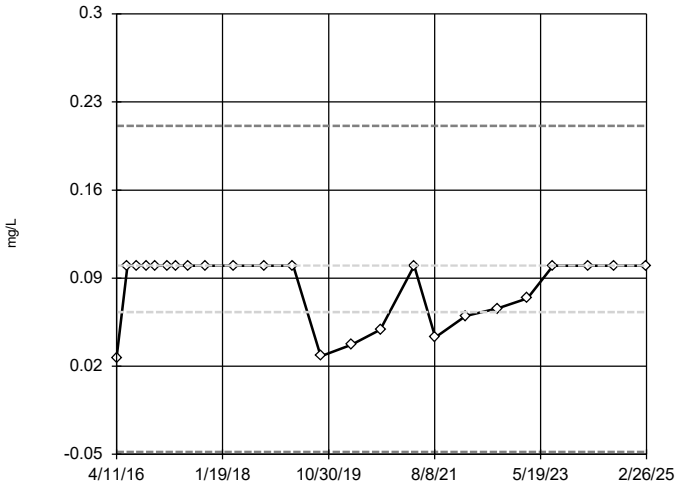
Constituent: Fluoride Analysis Run 4/17/2025 10:50 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWC-51



n = 24

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

High cutoff = 0.211, low cutoff = -0.048, based on IQR multiplier of 3.

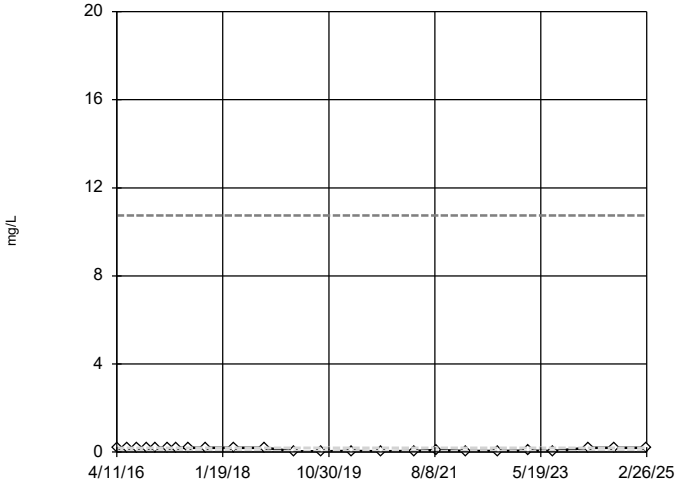
Constituent: Fluoride Analysis Run 4/17/2025 10:50 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWC-52



n = 24

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 10.75, low cutoff = 0.0009863, based on IQR multiplier of 3.

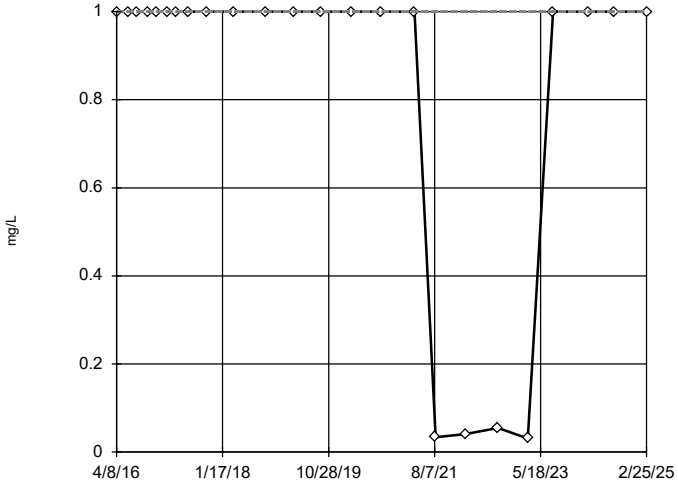
Constituent: Fluoride Analysis Run 4/17/2025 10:50 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWC-53



n = 24

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

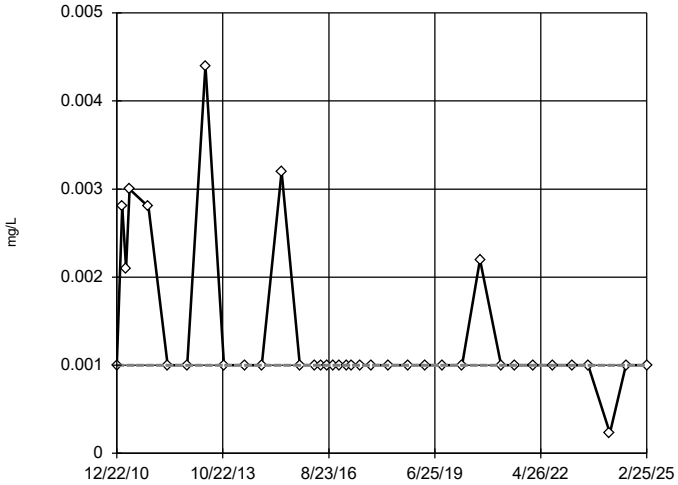
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Fluoride Analysis Run 4/17/2025 10:50 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Tukey's Outlier Screening

GWA-21 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

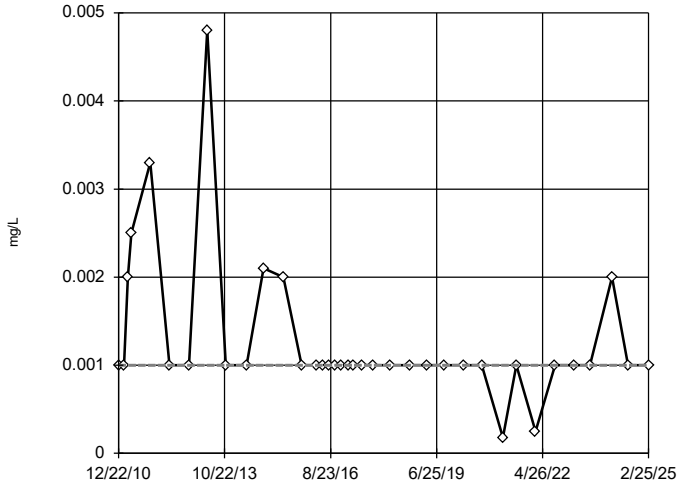
Constituent: Lead Analysis Run 4/17/2025 10:50 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWA-22 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

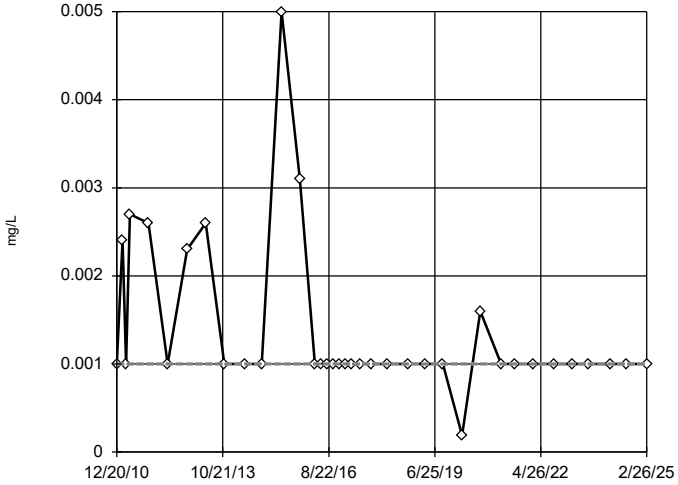
Constituent: Lead Analysis Run 4/17/2025 10:51 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWA-45 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

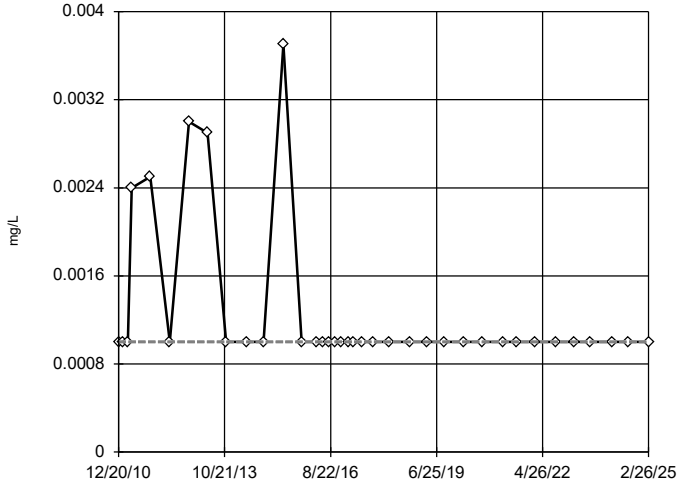
Constituent: Lead Analysis Run 4/17/2025 10:51 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWA-46 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

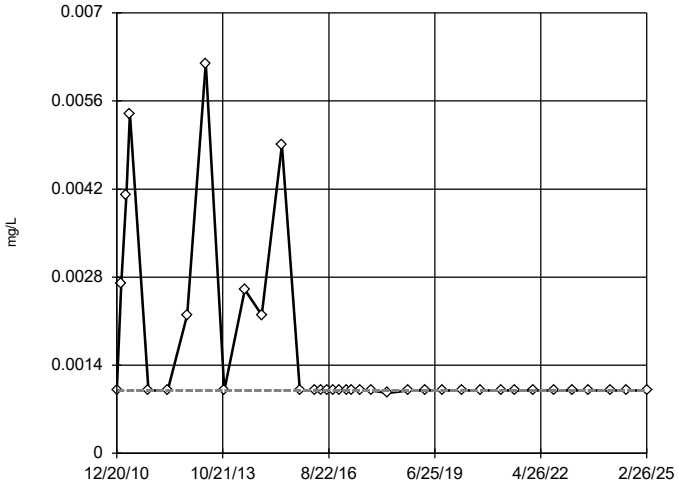
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Lead Analysis Run 4/17/2025 10:51 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Tukey's Outlier Screening

GWA-47 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

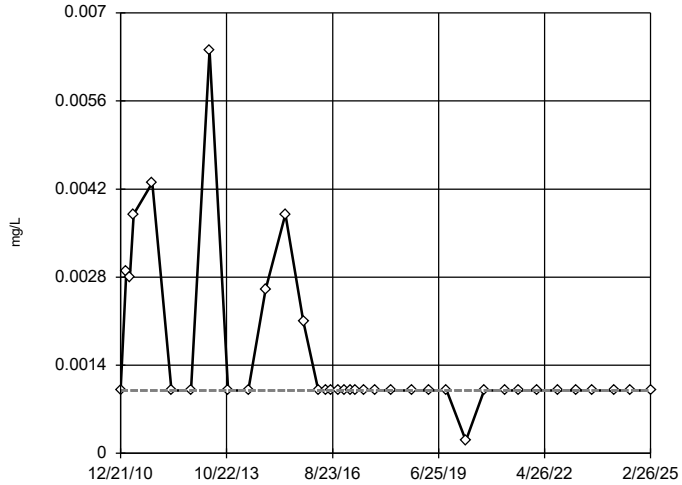
Constituent: Lead Analysis Run 4/17/2025 10:51 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWA-48 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

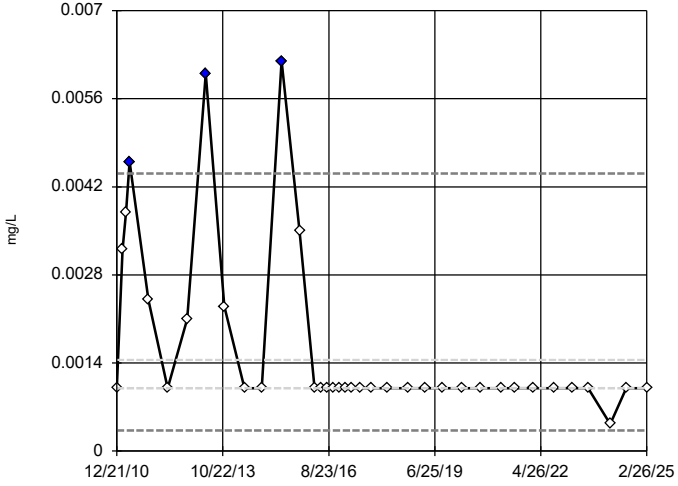
Constituent: Lead Analysis Run 4/17/2025 10:51 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWA-49 (bg)



n = 37

Outliers are drawn as solid.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.00441, low cutoff = 0.0003286, based on IQR multiplier of 3.

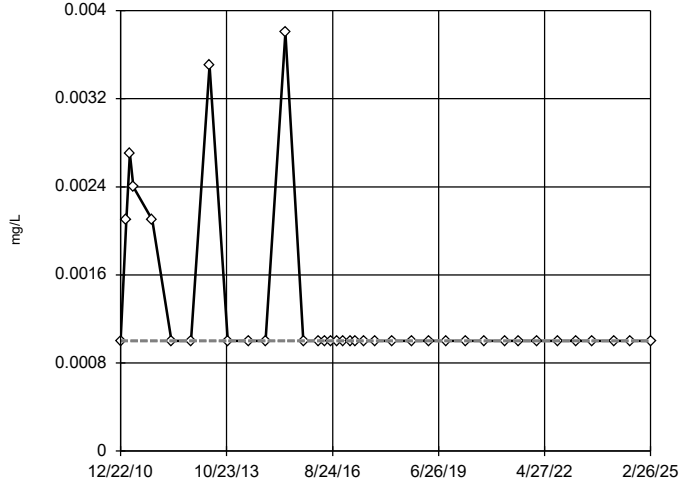
Constituent: Lead Analysis Run 4/17/2025 10:51 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWC-29



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

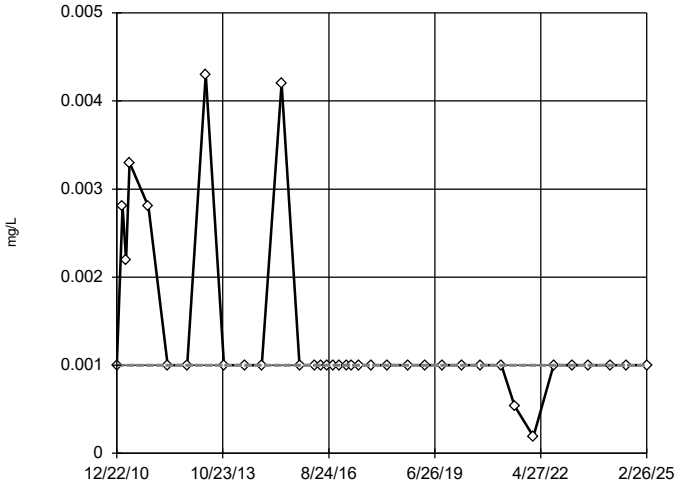
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Lead Analysis Run 4/17/2025 10:51 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Tukey's Outlier Screening

GWC-50



n = 37

No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

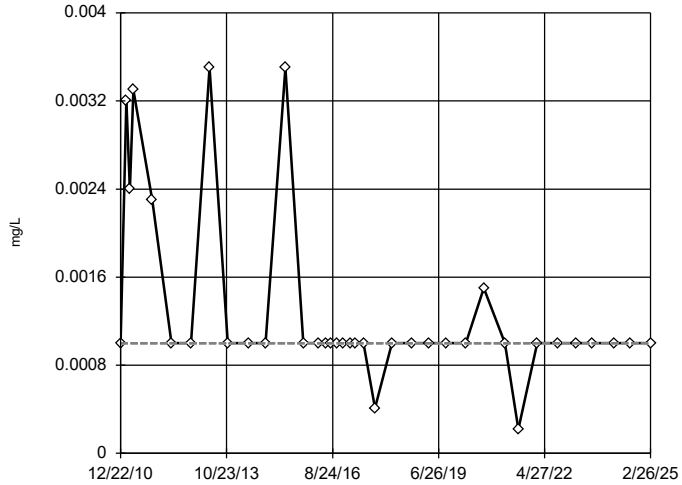
Constituent: Lead Analysis Run 4/17/2025 10:51 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWC-51



n = 37

No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

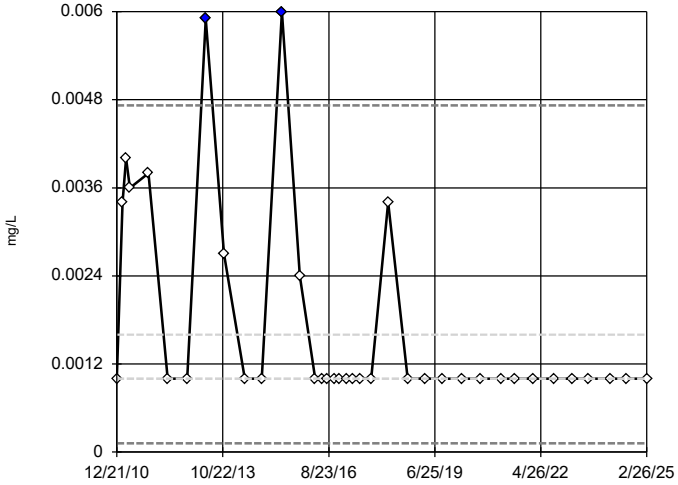
Constituent: Lead Analysis Run 4/17/2025 10:51 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWC-52



n = 37

Outliers are drawn as solid.
Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.004722, low cutoff = 0.0001189, based on IQR multiplier of 3.

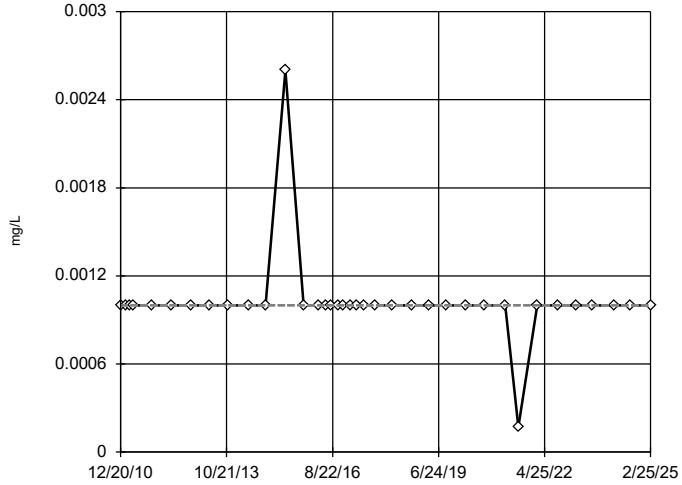
Constituent: Lead Analysis Run 4/17/2025 10:51 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWC-53



n = 37

No outliers found.
Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

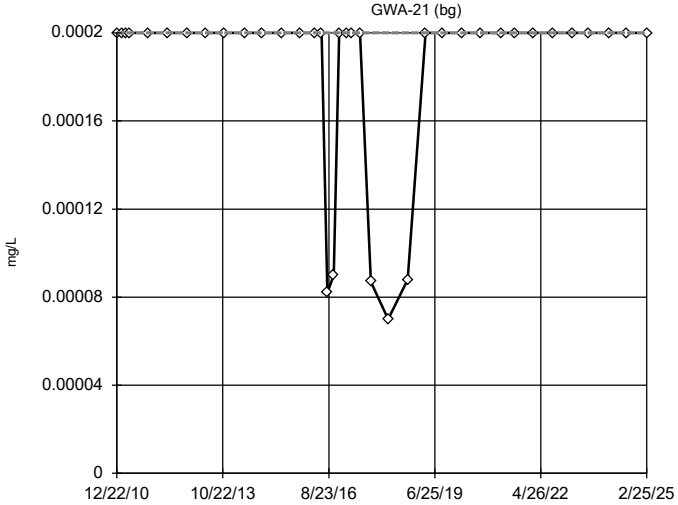
Constituent: Lead Analysis Run 4/17/2025 10:51 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWA-21 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

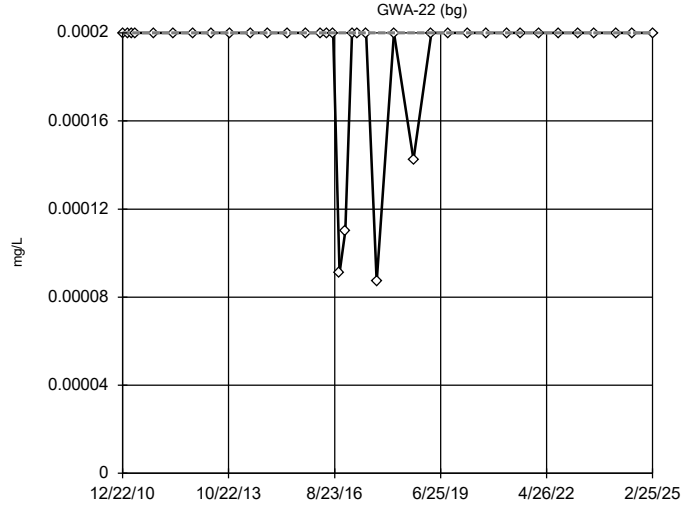
Constituent: Mercury Analysis Run 4/17/2025 10:51 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWA-22 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

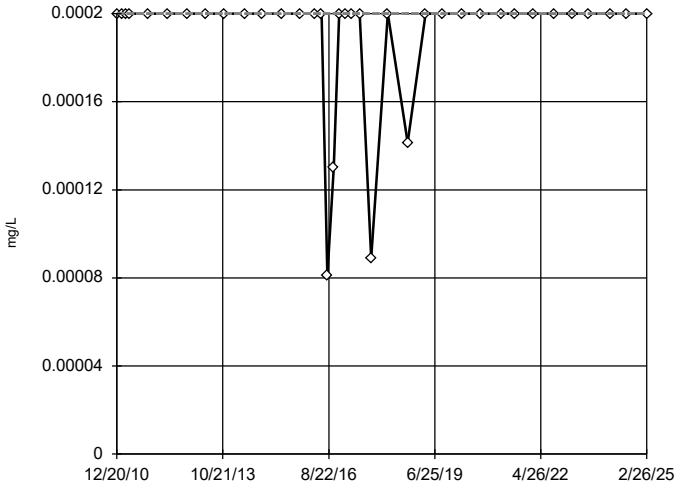
Constituent: Mercury Analysis Run 4/17/2025 10:51 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWA-45 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

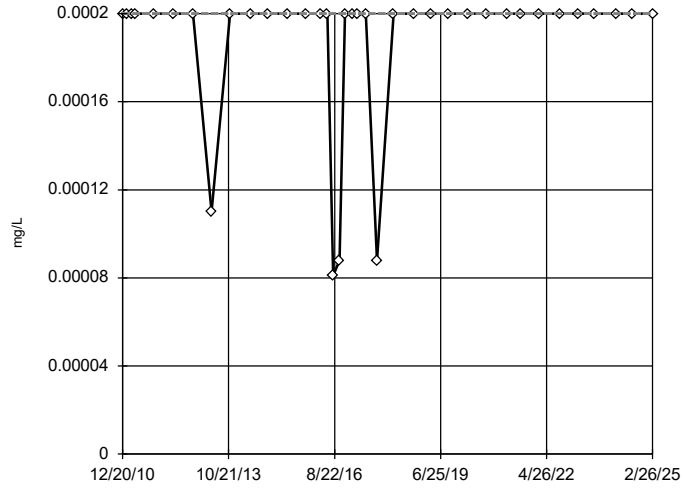
Constituent: Mercury Analysis Run 4/17/2025 10:51 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWA-46 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

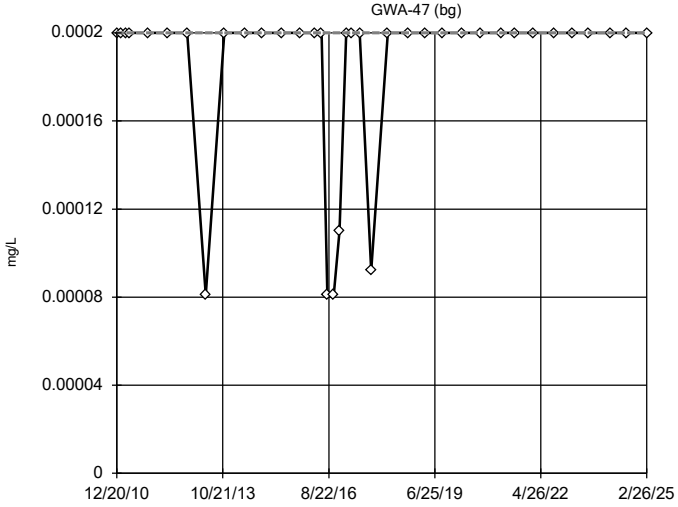
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Mercury Analysis Run 4/17/2025 10:51 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Tukey's Outlier Screening

GWA-47 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

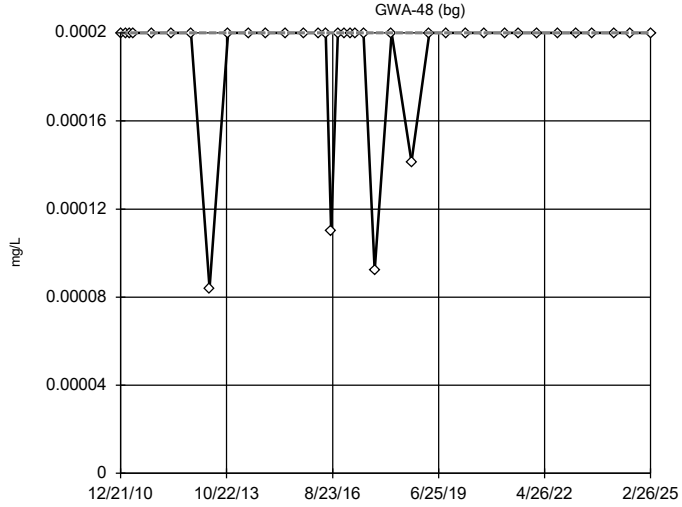
Constituent: Mercury Analysis Run 4/17/2025 10:51 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWA-48 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

The results were invalidated, because the lower and upper quartiles are equal.

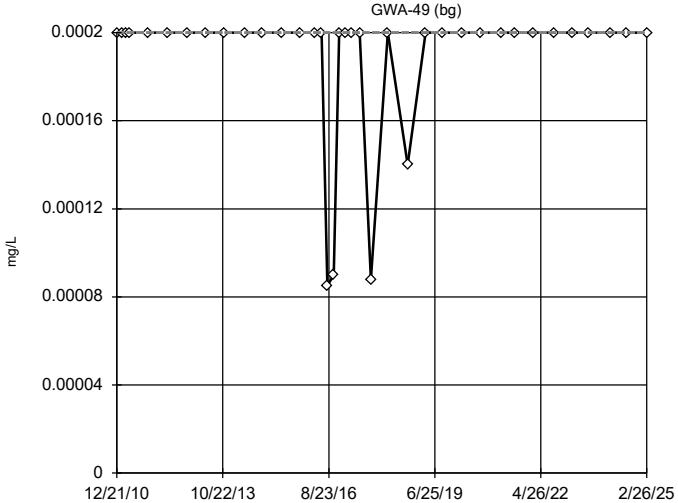
Constituent: Mercury Analysis Run 4/17/2025 10:51 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWA-49 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

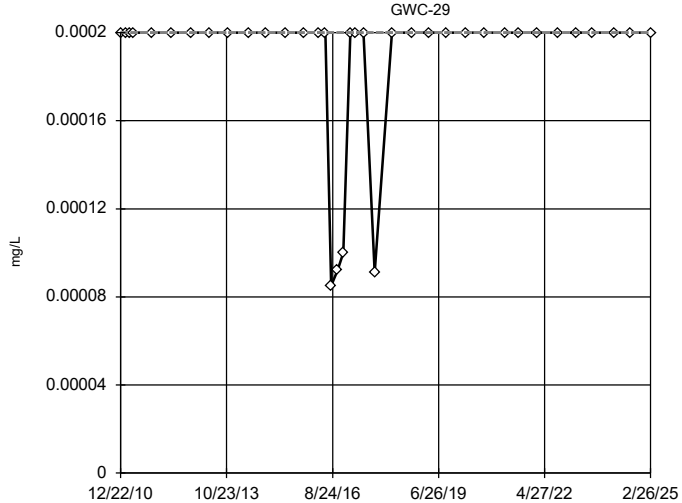
Constituent: Mercury Analysis Run 4/17/2025 10:51 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWC-29



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

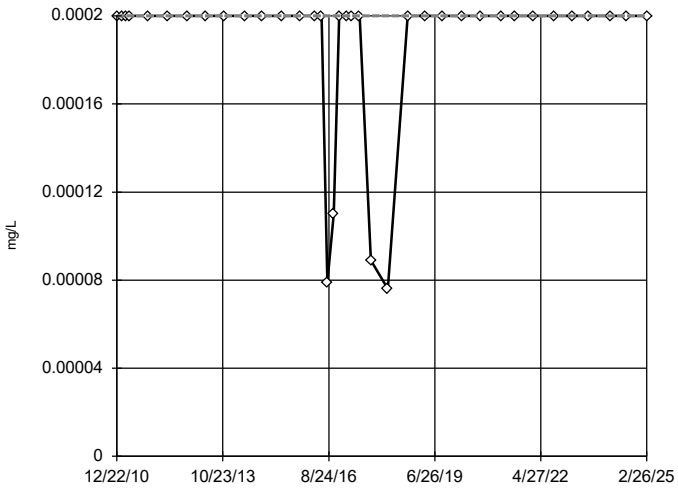
Constituent: Mercury Analysis Run 4/17/2025 10:51 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWC-50



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

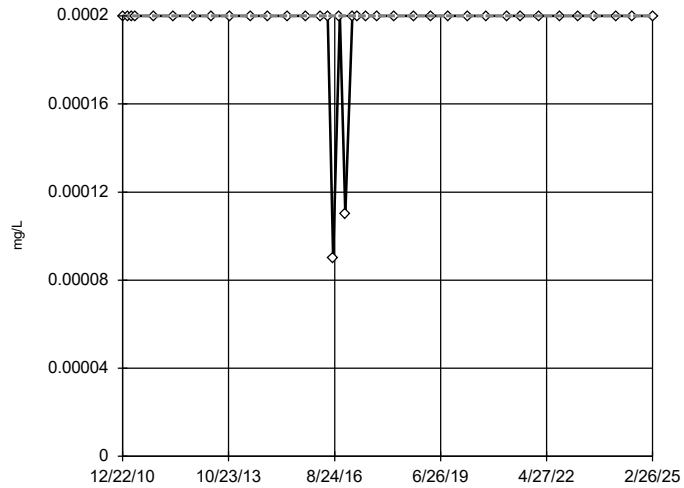
Constituent: Mercury Analysis Run 4/17/2025 10:51 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWC-51



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

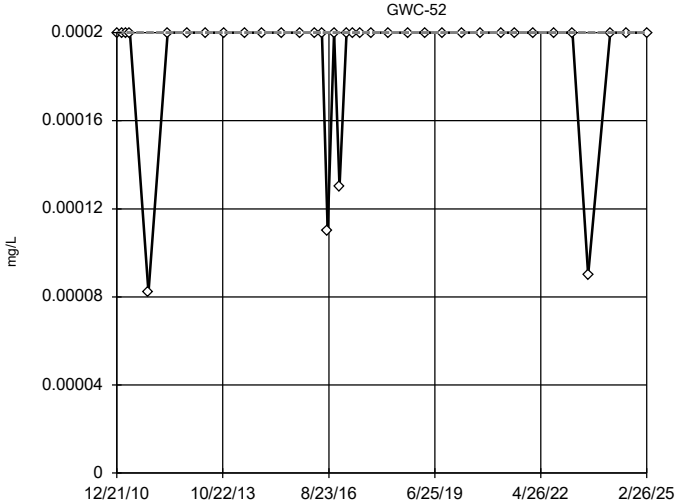
Constituent: Mercury Analysis Run 4/17/2025 10:51 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWC-52



n = 37

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

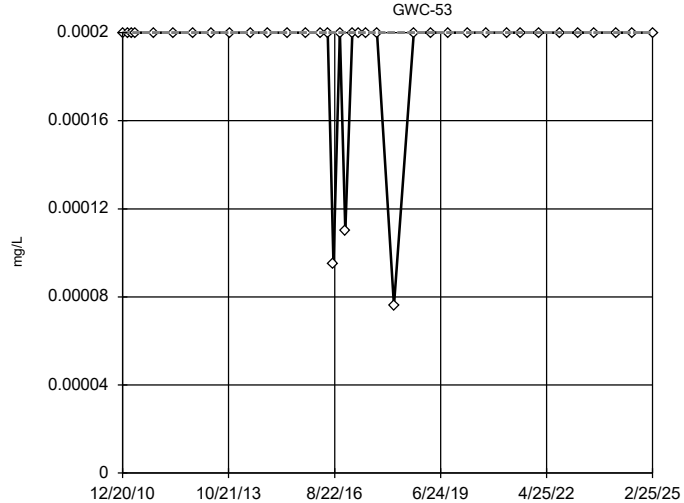
Constituent: Mercury Analysis Run 4/17/2025 10:51 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWC-53



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

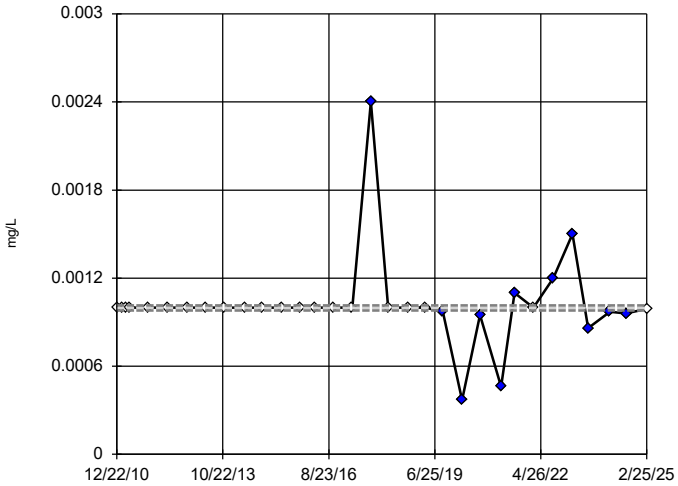
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Mercury Analysis Run 4/17/2025 10:51 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Tukey's Outlier Screening

GWA-21 (bg)



n = 32

Outliers are drawn as solid.
Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.001015, low cutoff = 0.0009801, based on IQR multiplier of 3.

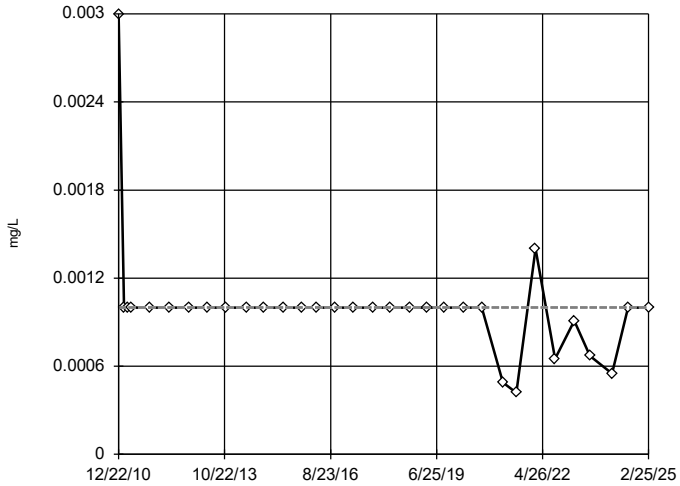
Constituent: Nickel Analysis Run 4/17/2025 10:51 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWA-22 (bg)



n = 32

No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

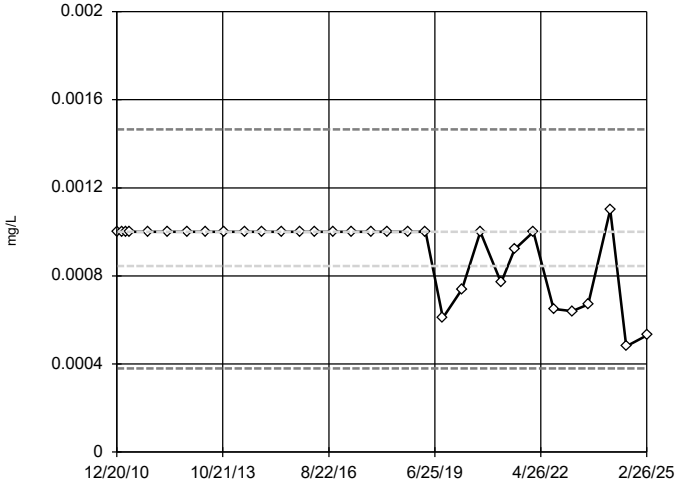
Constituent: Nickel Analysis Run 4/17/2025 10:51 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWA-45 (bg)



n = 32

No outliers found.
Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because both the lower and upper quartiles represent reporting limits.

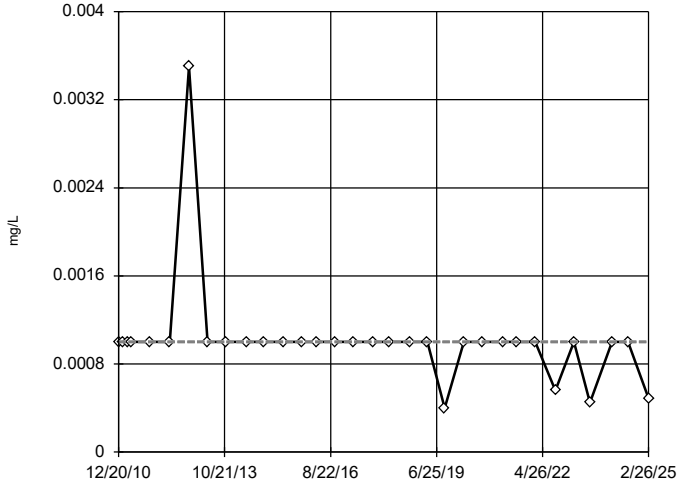
Constituent: Nickel Analysis Run 4/17/2025 10:51 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWA-46 (bg)



n = 32

No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

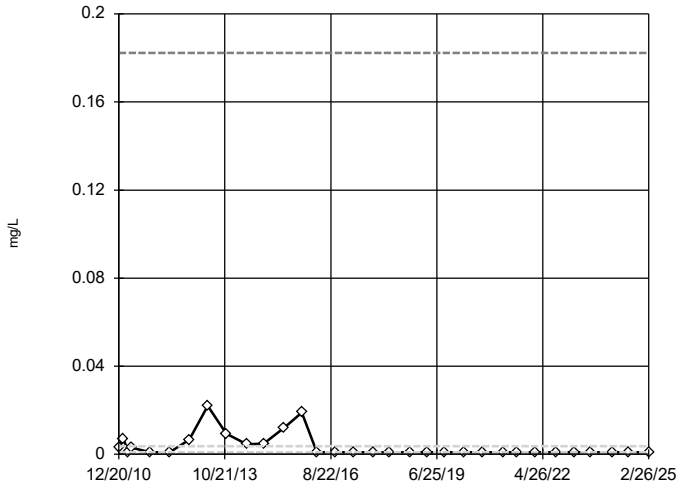
Constituent: Nickel Analysis Run 4/17/2025 10:51 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWA-47 (bg)



n = 32

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.1822, low cutoff = 0.00002016, based on IQR multiplier of 3.

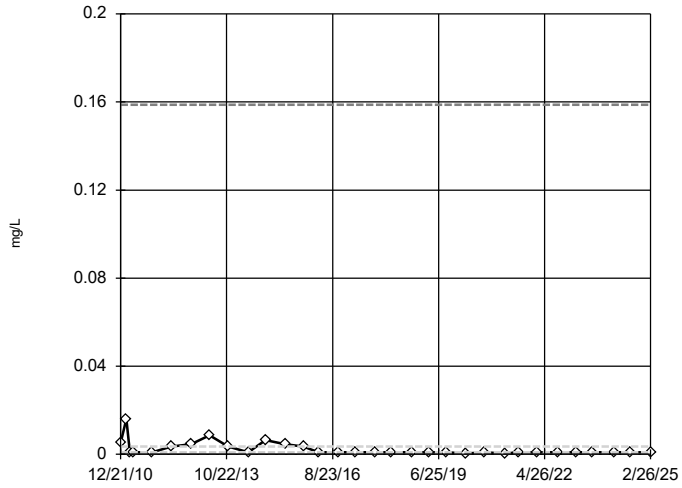
Constituent: Nickel Analysis Run 4/17/2025 10:51 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWA-48 (bg)



n = 32

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.1588, low cutoff = 0.00002236, based on IQR multiplier of 3.

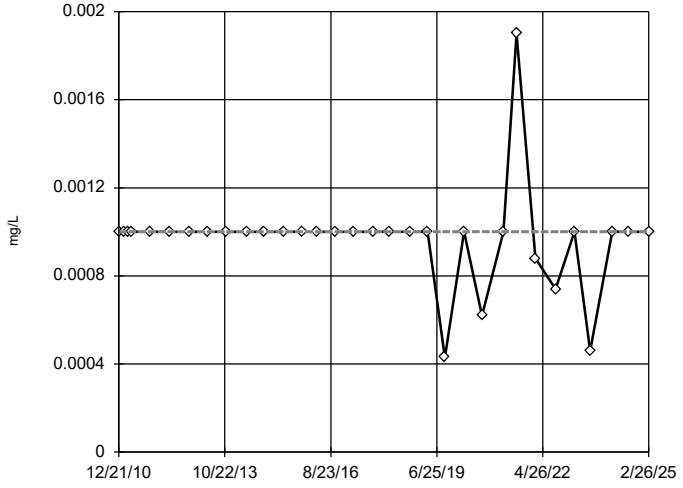
Constituent: Nickel Analysis Run 4/17/2025 10:51 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWA-49 (bg)



n = 32

No outliers found. Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

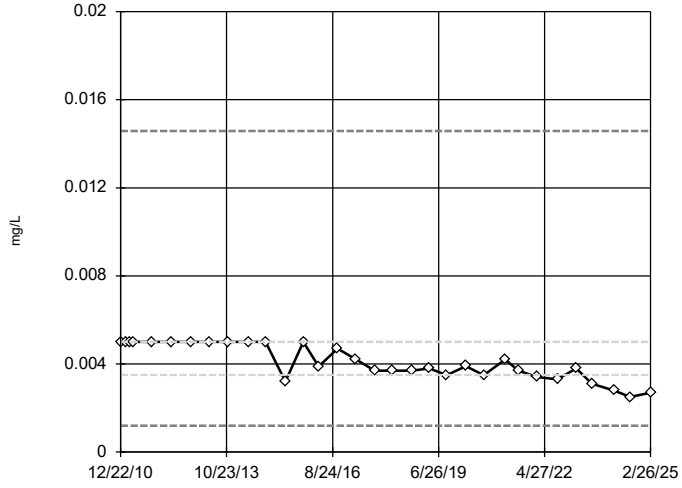
Constituent: Nickel Analysis Run 4/17/2025 10:51 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWC-29



n = 32

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

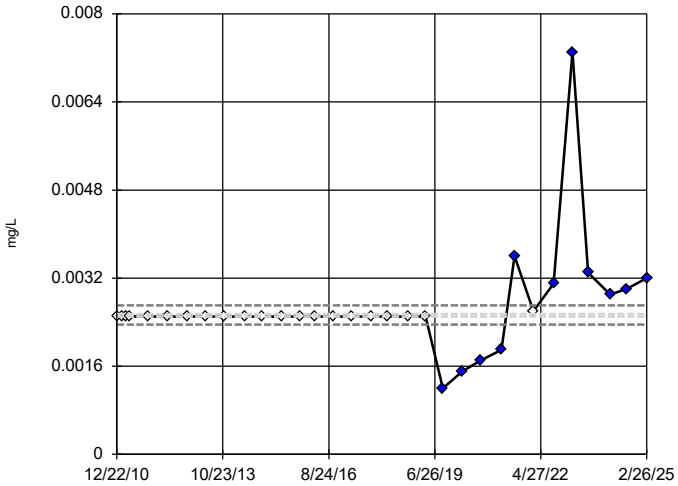
High cutoff = 0.01458, low cutoff = 0.001201, based on IQR multiplier of 3.

Constituent: Nickel Analysis Run 4/17/2025 10:51 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Tukey's Outlier Screening

GWC-50



n = 32

Outliers are drawn as solid.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.002704, low cutoff = 0.002357, based on IQR multiplier of 3.

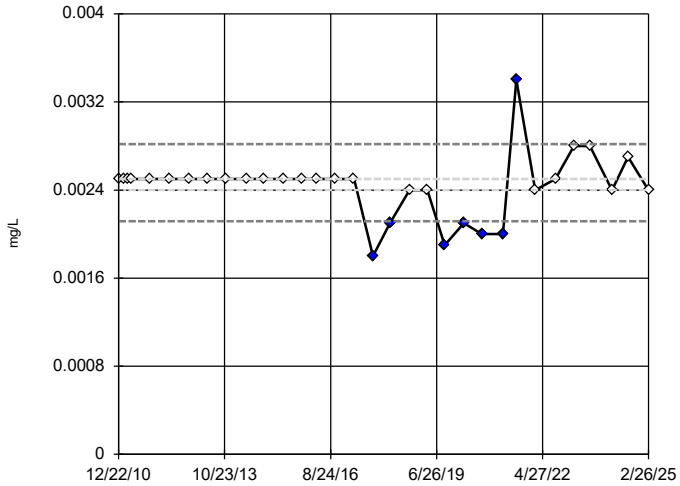
Constituent: Nickel Analysis Run 4/17/2025 10:51 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWC-51



n = 32

Outliers are drawn as solid.
Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.002817, low cutoff = 0.002116, based on IQR multiplier of 3.

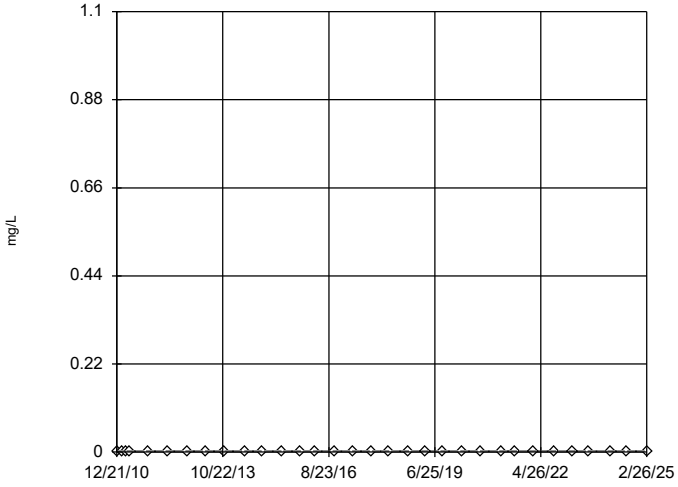
Constituent: Nickel Analysis Run 4/17/2025 10:51 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWC-52



n = 32

No outliers found.
Tukey's method selected by user.

All values are the same.

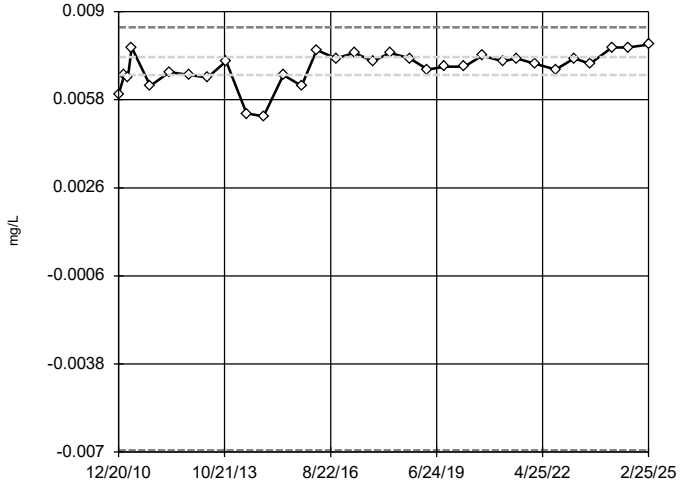
Constituent: Nickel Analysis Run 4/17/2025 10:51 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWC-53



n = 32

No outliers found.
Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

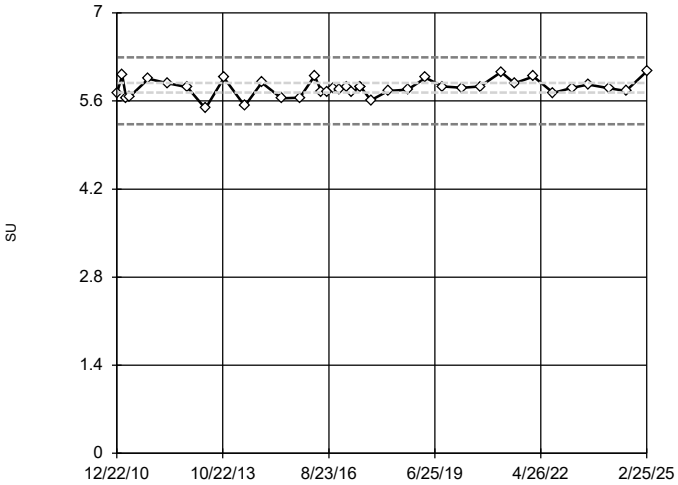
High cutoff = 0.008433, low cutoff = -0.006937, based on IQR multiplier of 3.

Constituent: Nickel Analysis Run 4/17/2025 10:51 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Tukey's Outlier Screening

GWA-21 (bg)



n = 38

No outliers found. Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

High cutoff = 6.294, low cutoff = 5.23, based on IQR multiplier of 3.

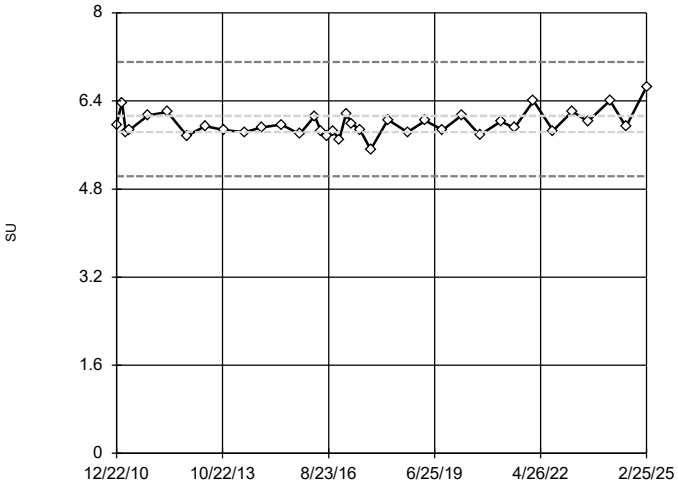
Constituent: pH, Field Analysis Run 4/17/2025 10:51 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWA-22 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 7.108, low cutoff = 5.032, based on IQR multiplier of 3.

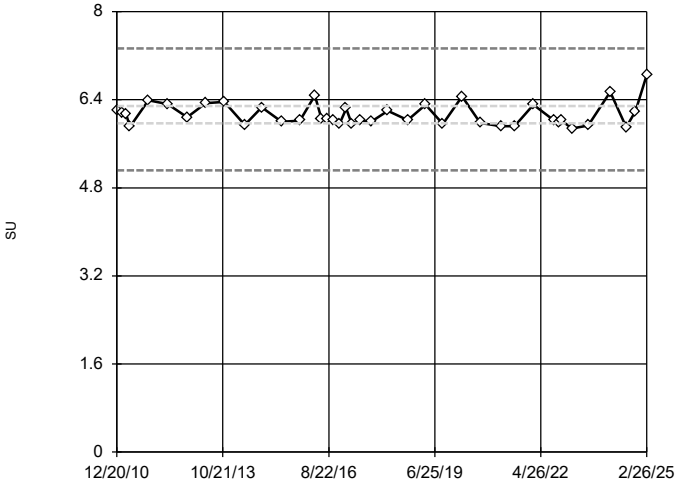
Constituent: pH, Field Analysis Run 4/17/2025 10:51 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWA-45 (bg)



n = 40

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 7.333, low cutoff = 5.117, based on IQR multiplier of 3.

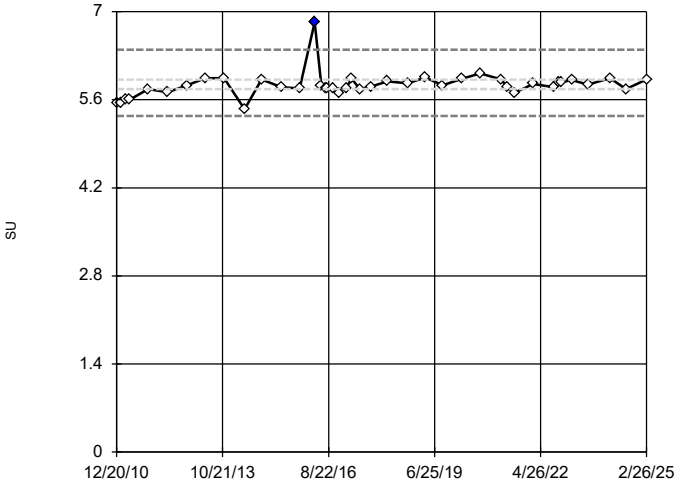
Constituent: pH, Field Analysis Run 4/17/2025 10:51 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWA-46 (bg)



n = 41

Outlier is drawn as solid. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 6.394, low cutoff = 5.342, based on IQR multiplier of 3.

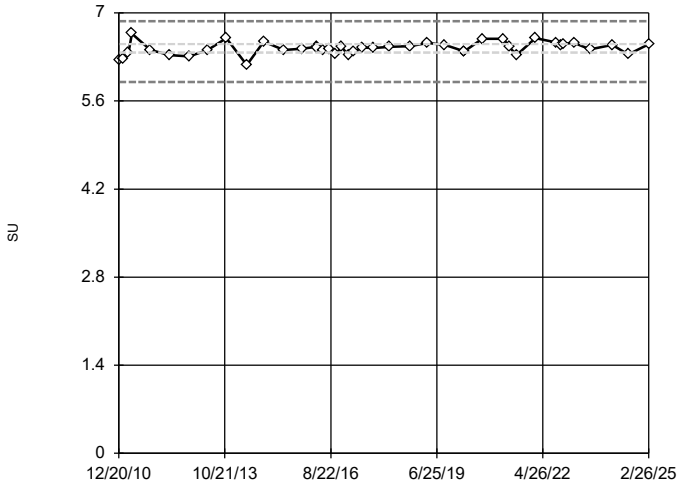
Constituent: pH, Field Analysis Run 4/17/2025 10:51 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWA-47 (bg)



n = 42

No outliers found. Tukey's method selected by user.

Data were x^4 transformed to achieve best W statistic (graph shown in original units).

High cutoff = 6.866, low cutoff = 5.903, based on IQR multiplier of 3.

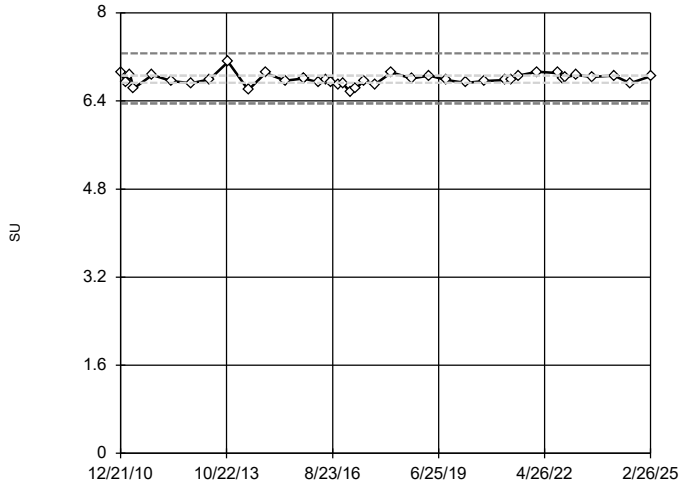
Constituent: pH, Field Analysis Run 4/17/2025 10:51 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWA-48 (bg)



n = 41

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 7.265, low cutoff = 6.355, based on IQR multiplier of 3.

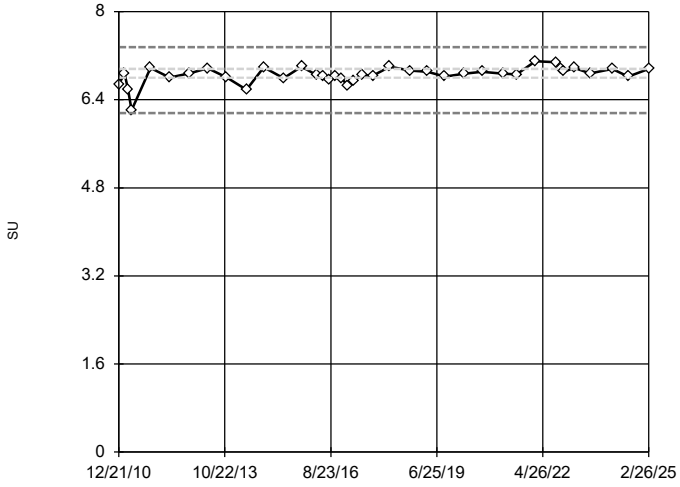
Constituent: pH, Field Analysis Run 4/17/2025 10:51 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWA-49 (bg)



n = 39

No outliers found. Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

High cutoff = 7.353, low cutoff = 6.157, based on IQR multiplier of 3.

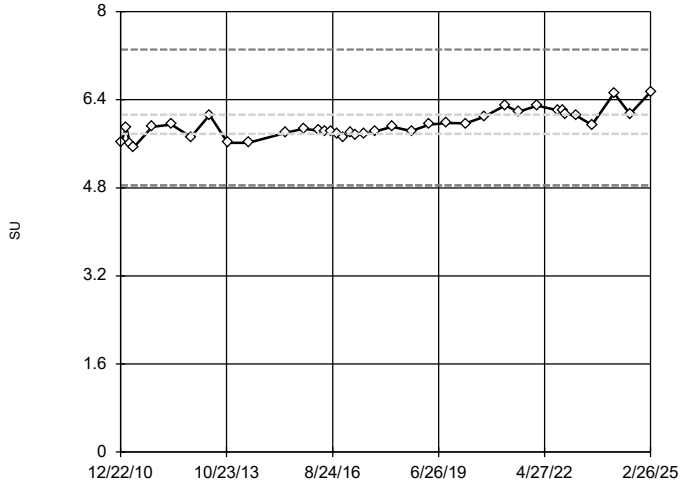
Constituent: pH, Field Analysis Run 4/17/2025 10:51 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWC-29



n = 38

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 7.312, low cutoff = 4.845, based on IQR multiplier of 3.

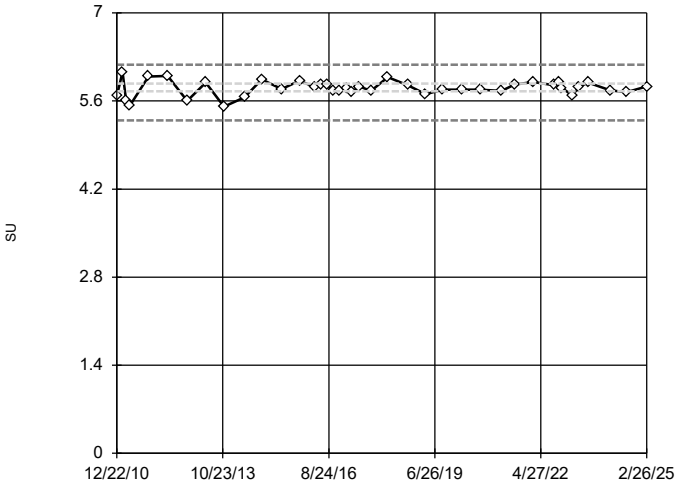
Constituent: pH, Field Analysis Run 4/17/2025 10:51 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWC-50



n = 40

No outliers found. Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

High cutoff = 6.176, low cutoff = 5.292, based on IQR multiplier of 3.

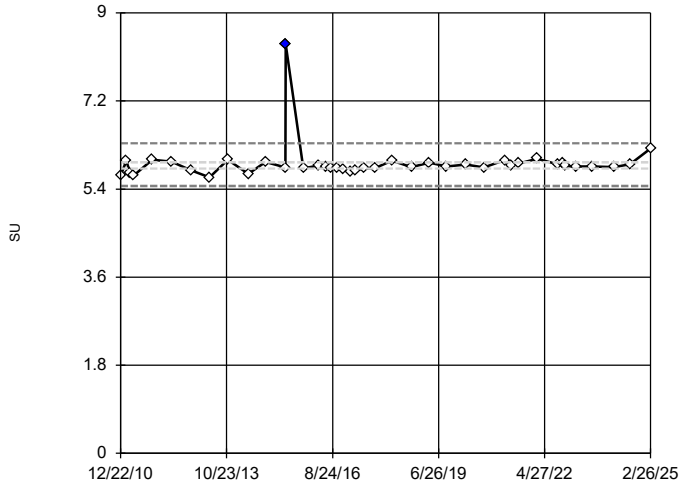
Constituent: pH, Field Analysis Run 4/17/2025 10:51 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWC-51



n = 41

Outlier is drawn as solid. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 6.336, low cutoff = 5.461, based on IQR multiplier of 3.

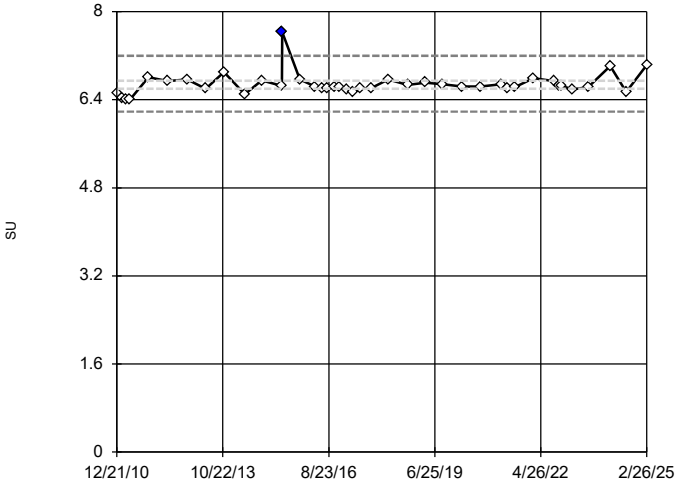
Constituent: pH, Field Analysis Run 4/17/2025 10:51 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWC-52



n = 41

Outlier is drawn as solid. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 7.199, low cutoff = 6.183, based on IQR multiplier of 3.

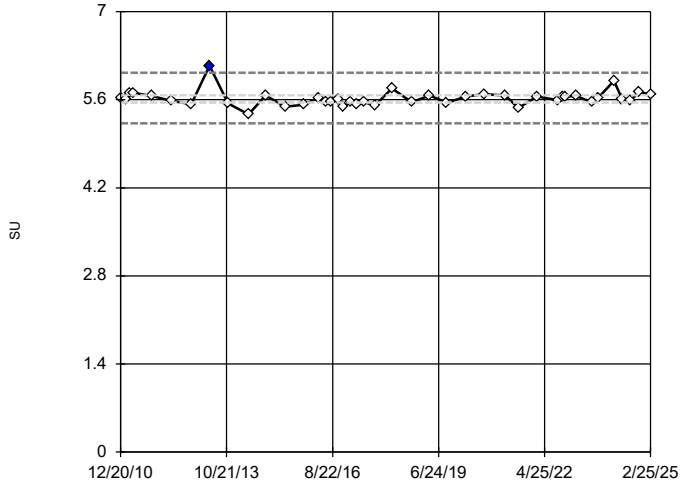
Constituent: pH, Field Analysis Run 4/17/2025 10:51 AM

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Tukey's Outlier Screening

GWC-53



n = 42

Outlier is drawn as solid. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

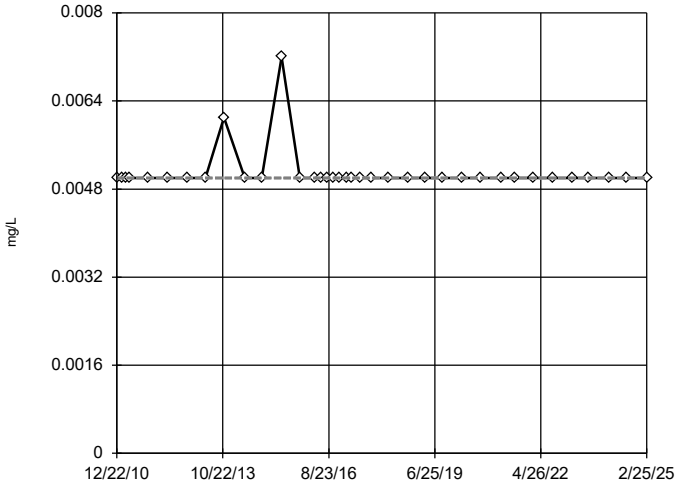
High cutoff = 6.029, low cutoff = 5.224, based on IQR multiplier of 3.

Constituent: pH, Field Analysis Run 4/17/2025 10:51 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Tukey's Outlier Screening

GWA-21 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

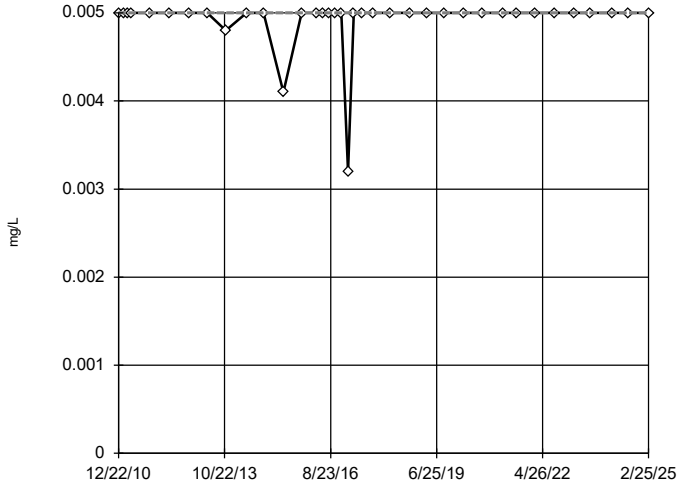
Constituent: Selenium Analysis Run 4/17/2025 10:51 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWA-22 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

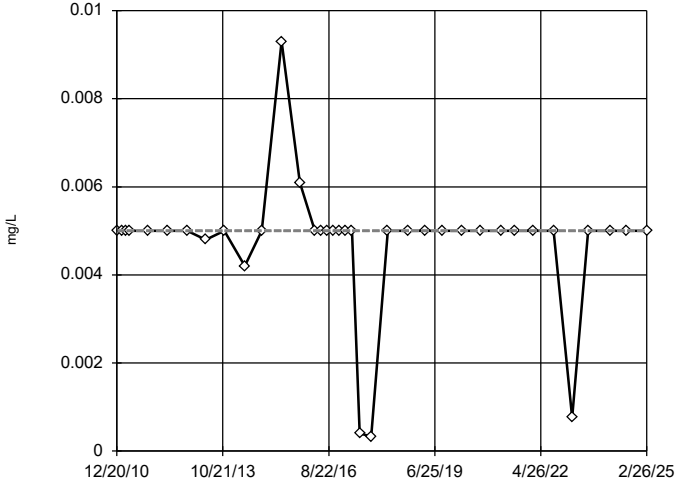
Constituent: Selenium Analysis Run 4/17/2025 10:51 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWA-45 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

The results were invalidated, because the lower and upper quartiles are equal.

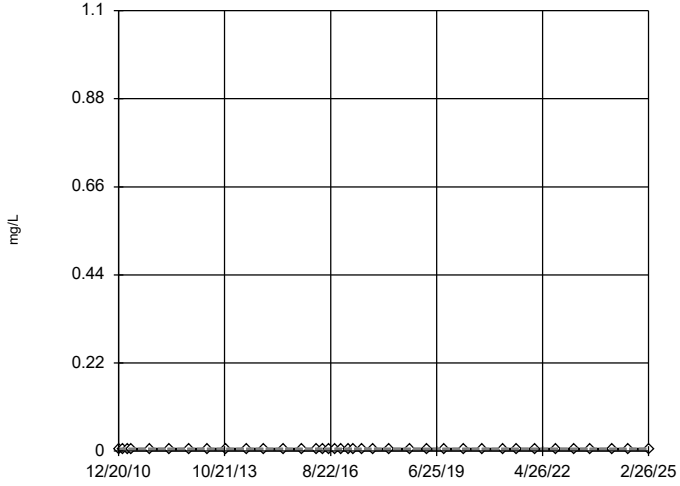
Constituent: Selenium Analysis Run 4/17/2025 10:52 AM

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Tukey's Outlier Screening

GWA-46 (bg)



n = 37

No outliers found. Tukey's method selected by user.

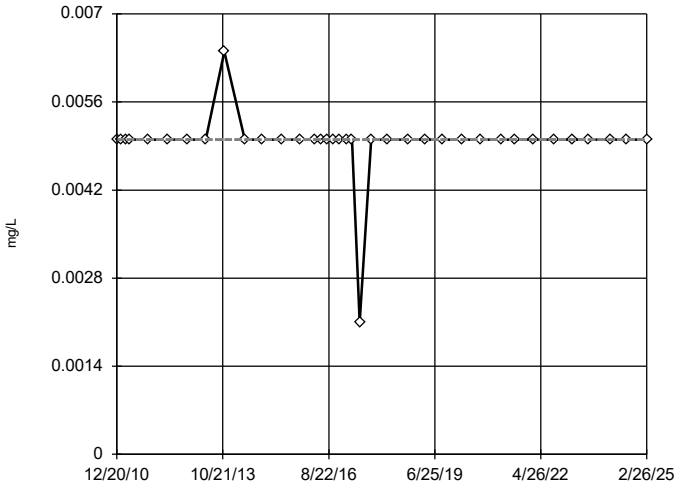
All values are the same.

Constituent: Selenium Analysis Run 4/17/2025 10:52 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Tukey's Outlier Screening

GWA-47 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

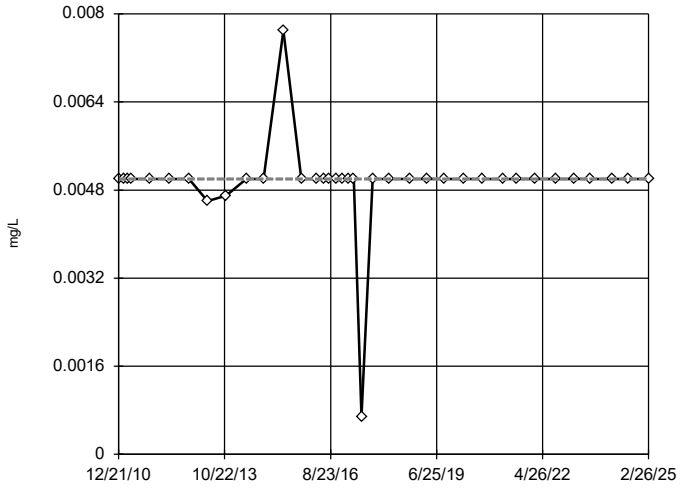
Constituent: Selenium Analysis Run 4/17/2025 10:52 AM

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Tukey's Outlier Screening

GWA-48 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

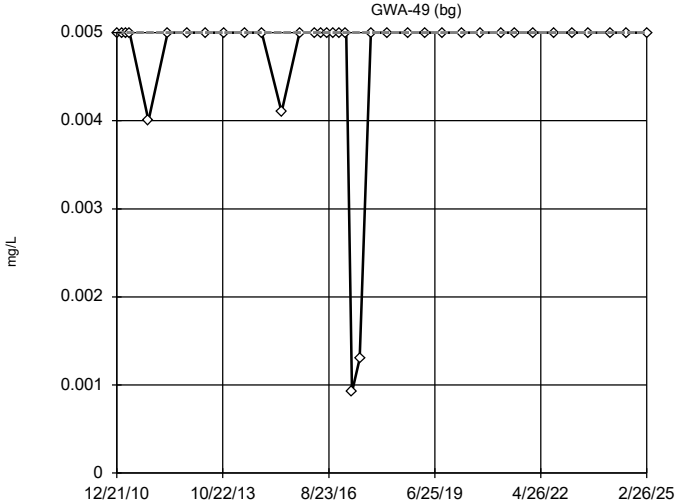
Constituent: Selenium Analysis Run 4/17/2025 10:52 AM

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Tukey's Outlier Screening

GWA-49 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

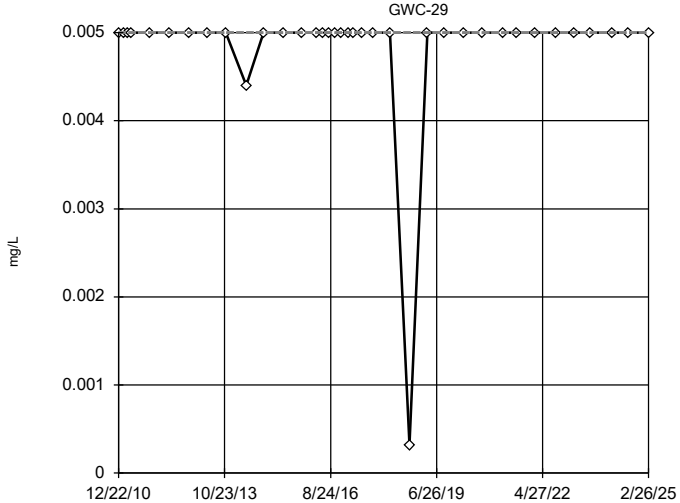
Constituent: Selenium Analysis Run 4/17/2025 10:52 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWC-29



n = 37

No outliers found. Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

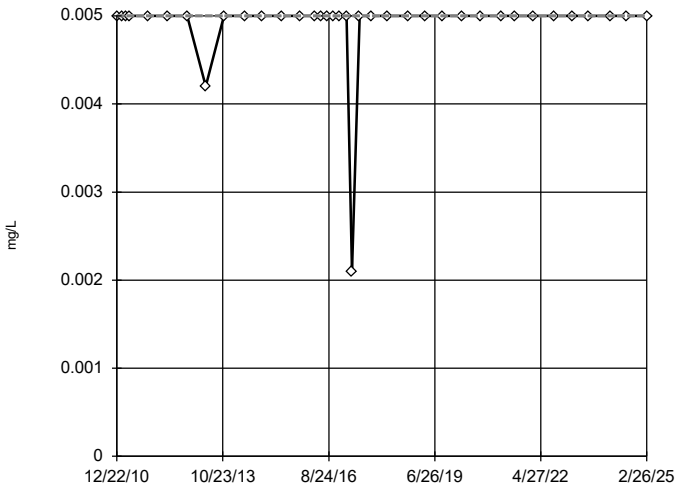
Constituent: Selenium Analysis Run 4/17/2025 10:52 AM

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Tukey's Outlier Screening

GWC-50



n = 37

No outliers found. Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

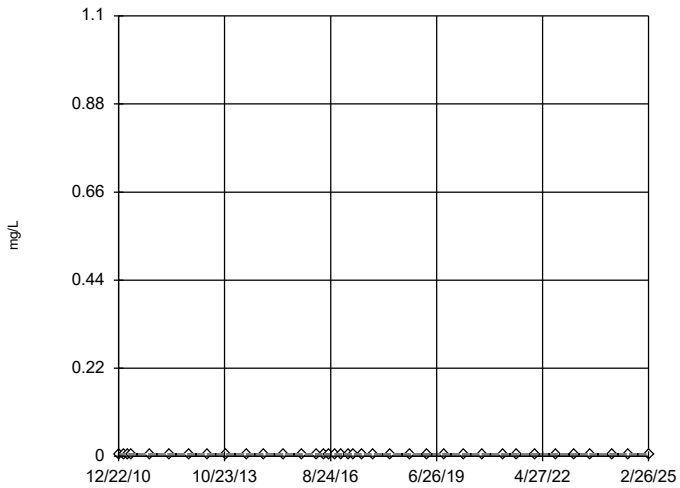
Constituent: Selenium Analysis Run 4/17/2025 10:52 AM

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Tukey's Outlier Screening

GWC-51



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

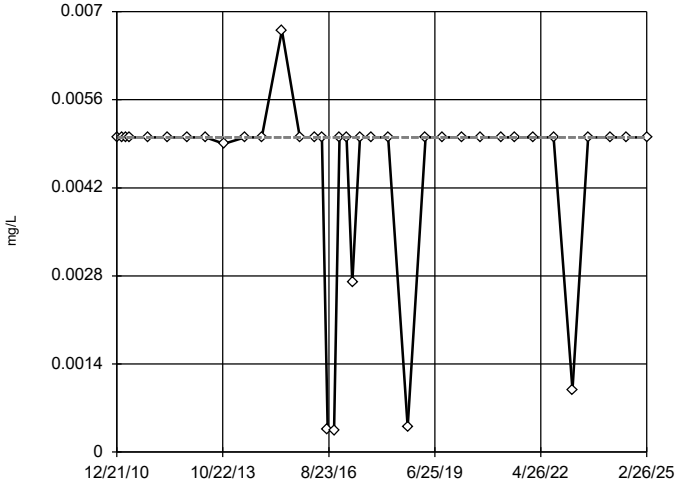
Constituent: Selenium Analysis Run 4/17/2025 10:52 AM

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Tukey's Outlier Screening

GWC-52



n = 37

No outliers found. Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

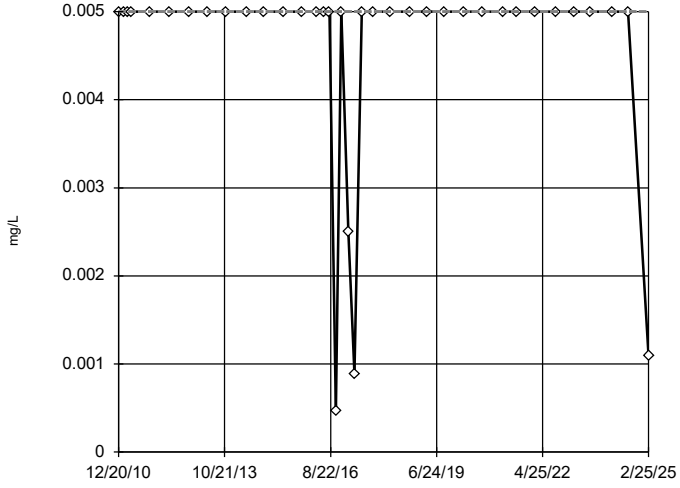
Constituent: Selenium Analysis Run 4/17/2025 10:52 AM

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Tukey's Outlier Screening

GWC-53



n = 37

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

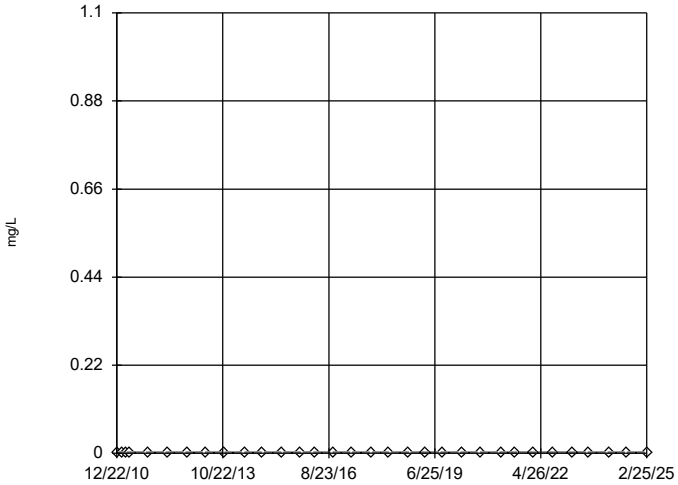
Constituent: Selenium Analysis Run 4/17/2025 10:52 AM

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Tukey's Outlier Screening

GWA-21 (bg)



n = 32

No outliers found. Tukey's method selected by user.

All values are the same.

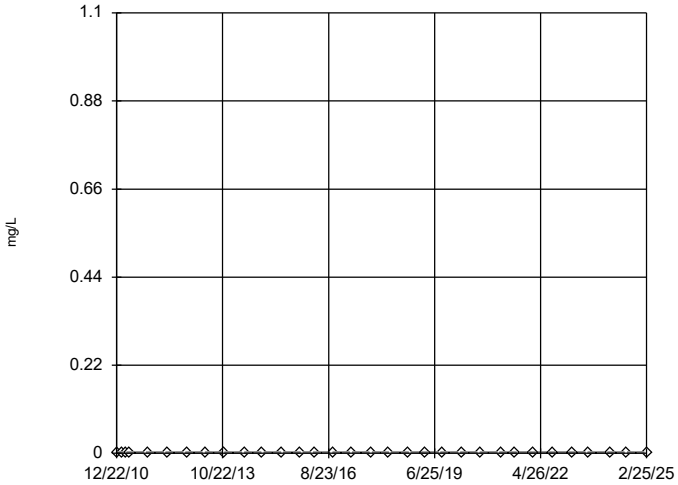
Constituent: Silver Analysis Run 4/17/2025 10:52 AM

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Tukey's Outlier Screening

GWA-22 (bg)



n = 32

No outliers found. Tukey's method selected by user.

All values are the same.

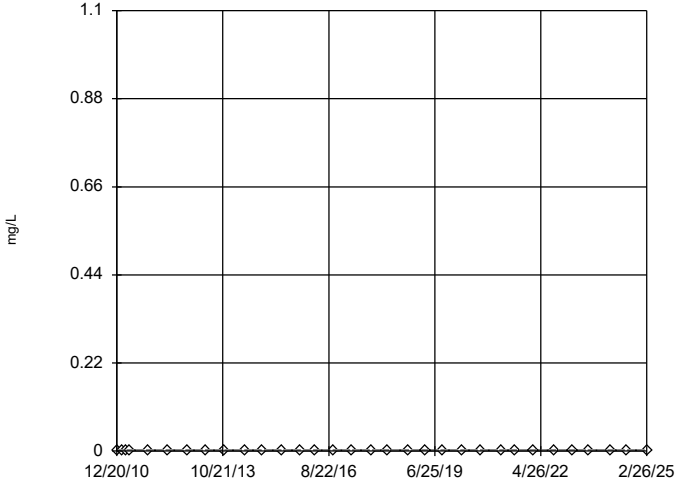
Constituent: Silver Analysis Run 4/17/2025 10:52 AM

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Tukey's Outlier Screening

GWA-45 (bg)



n = 32

No outliers found. Tukey's method selected by user.

All values are the same.

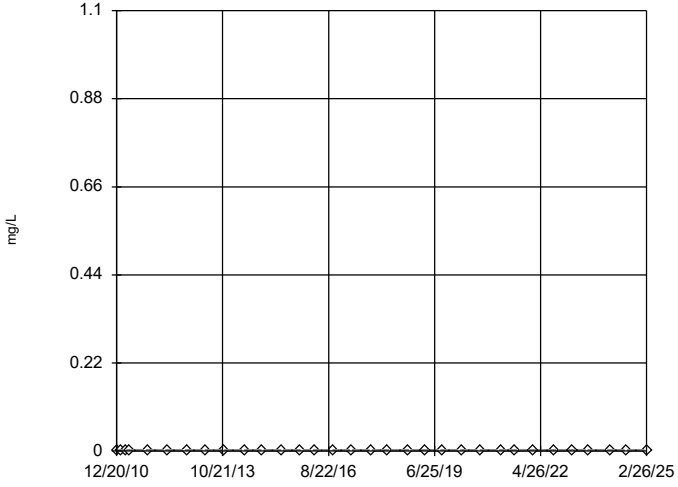
Constituent: Silver Analysis Run 4/17/2025 10:52 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWA-46 (bg)



n = 32

No outliers found. Tukey's method selected by user.

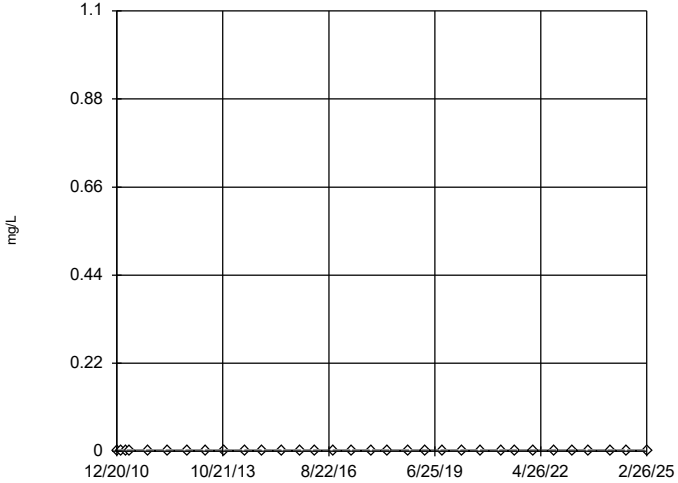
All values are the same.

Constituent: Silver Analysis Run 4/17/2025 10:52 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Tukey's Outlier Screening

GWA-47 (bg)



n = 32

No outliers found. Tukey's method selected by user.

All values are the same.

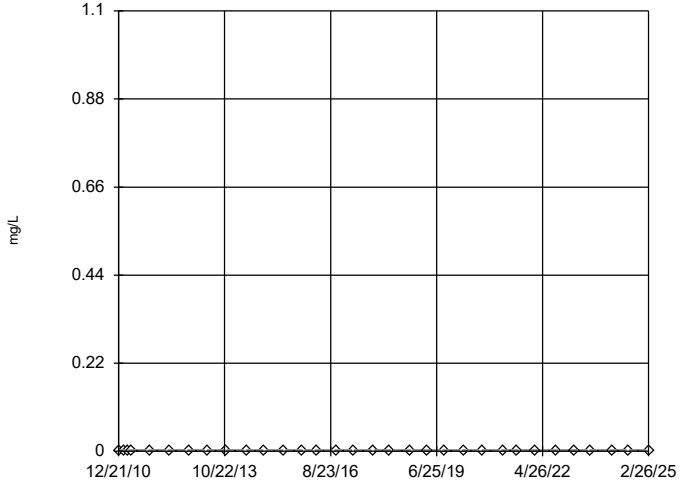
Constituent: Silver Analysis Run 4/17/2025 10:52 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWA-48 (bg)



n = 32

No outliers found. Tukey's method selected by user.

All values are the same.

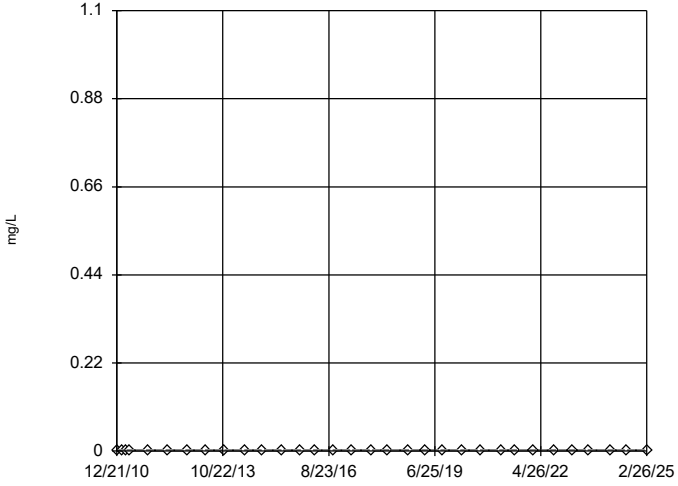
Constituent: Silver Analysis Run 4/17/2025 10:52 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWA-49 (bg)



n = 32

No outliers found. Tukey's method selected by user.

All values are the same.

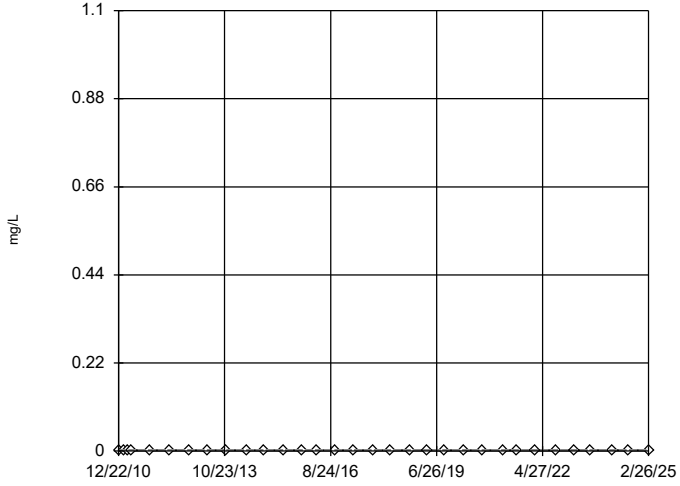
Constituent: Silver Analysis Run 4/17/2025 10:52 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWC-29



n = 32

No outliers found. Tukey's method selected by user.

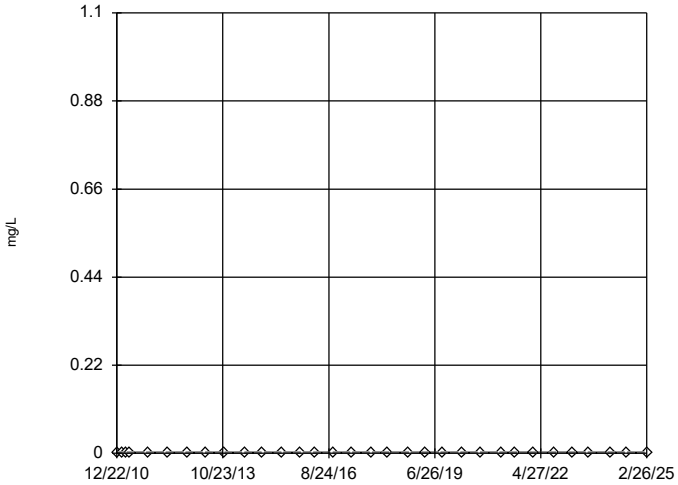
All values are the same.

Constituent: Silver Analysis Run 4/17/2025 10:52 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Tukey's Outlier Screening

GWC-50



n = 32

No outliers found. Tukey's method selected by user.

All values are the same.

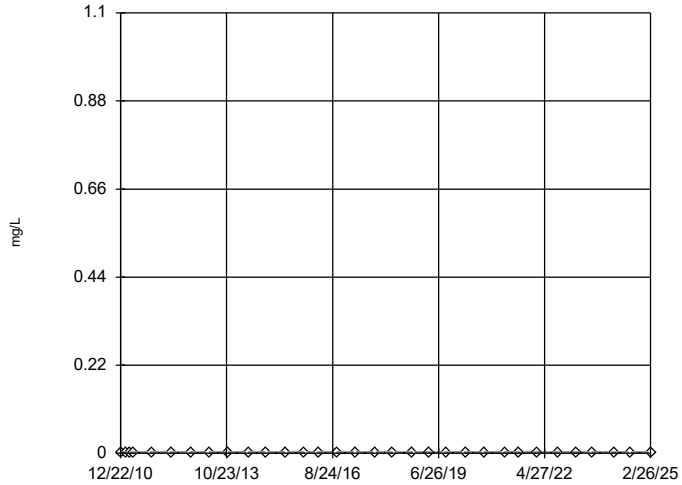
Constituent: Silver Analysis Run 4/17/2025 10:52 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWC-51



n = 32

No outliers found. Tukey's method selected by user.

All values are the same.

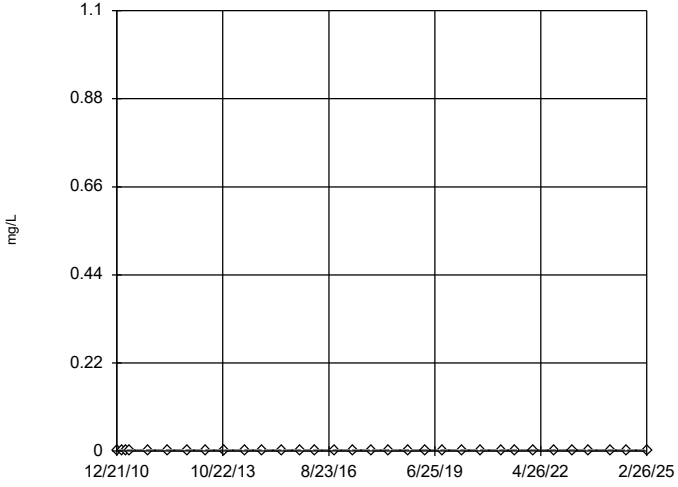
Constituent: Silver Analysis Run 4/17/2025 10:52 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWC-52



n = 32

No outliers found. Tukey's method selected by user.

All values are the same.

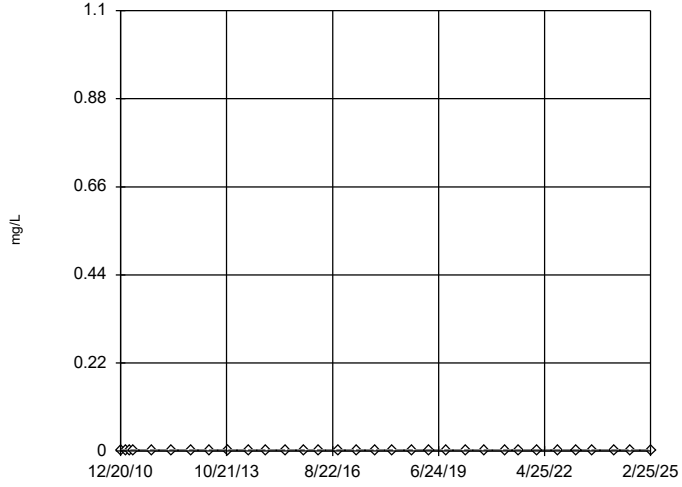
Constituent: Silver Analysis Run 4/17/2025 10:52 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWC-53



n = 32

No outliers found. Tukey's method selected by user.

All values are the same.

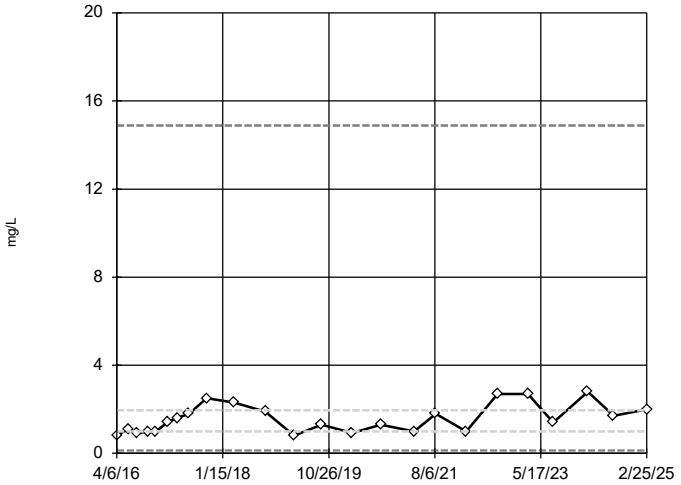
Constituent: Silver Analysis Run 4/17/2025 10:52 AM

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Tukey's Outlier Screening

GWA-21 (bg)



n = 24

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 14.88, low cutoff = 0.1297, based on IQR multiplier of 3.

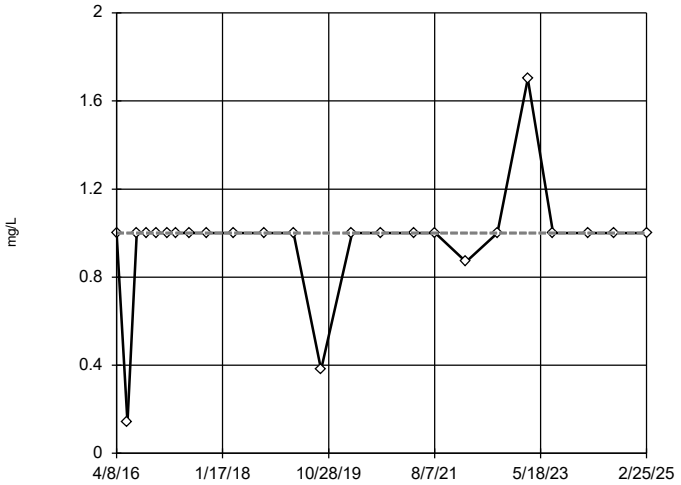
Constituent: Sulfate Analysis Run 4/17/2025 10:52 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWA-22 (bg)



n = 24

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

The results were invalidated, because the lower and upper quartiles are equal.

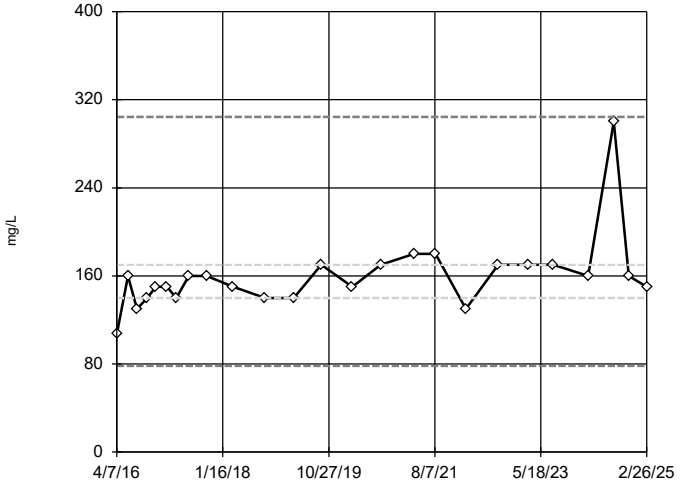
Constituent: Sulfate Analysis Run 4/17/2025 10:52 AM

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Tukey's Outlier Screening

GWA-45 (bg)



n = 25

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 304.4, low cutoff = 78.19, based on IQR multiplier of 3.

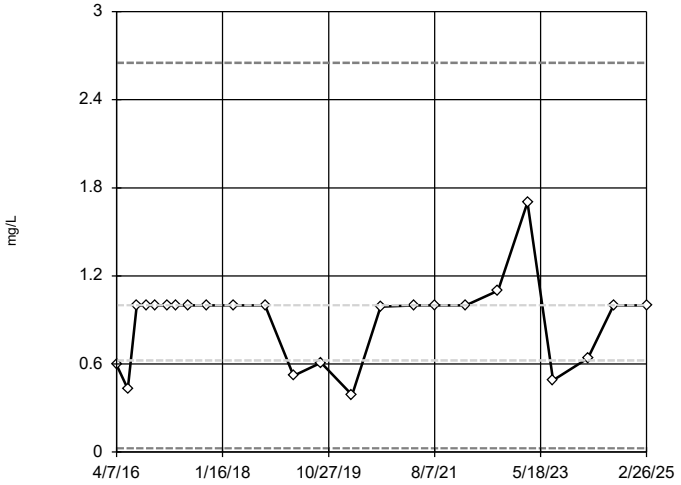
Constituent: Sulfate Analysis Run 4/17/2025 10:52 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWA-46 (bg)



n = 24

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

High cutoff = 2.652, low cutoff = 0.02626, based on IQR multiplier of 3.

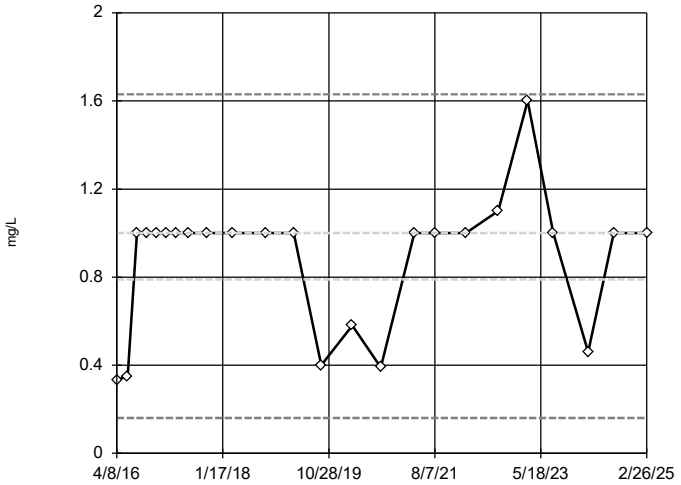
Constituent: Sulfate Analysis Run 4/17/2025 10:52 AM

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Tukey's Outlier Screening

GWA-47 (bg)



n = 24

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

High cutoff = 1.63, low cutoff = 0.16, based on IQR multiplier of 3.

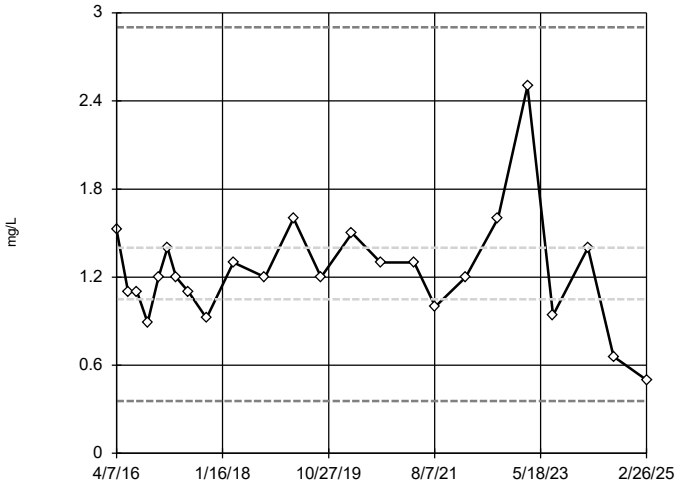
Constituent: Sulfate Analysis Run 4/17/2025 10:52 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWA-48 (bg)



n = 24

No outliers found. Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

High cutoff = 2.902, low cutoff = 0.3556, based on IQR multiplier of 3.

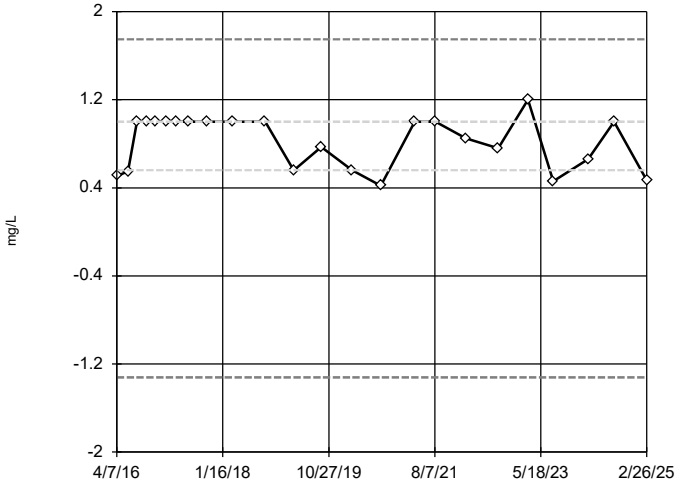
Constituent: Sulfate Analysis Run 4/17/2025 10:52 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWA-49 (bg)



n = 24

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

High cutoff = 1.749, low cutoff = -1.321, based on IQR multiplier of 3.

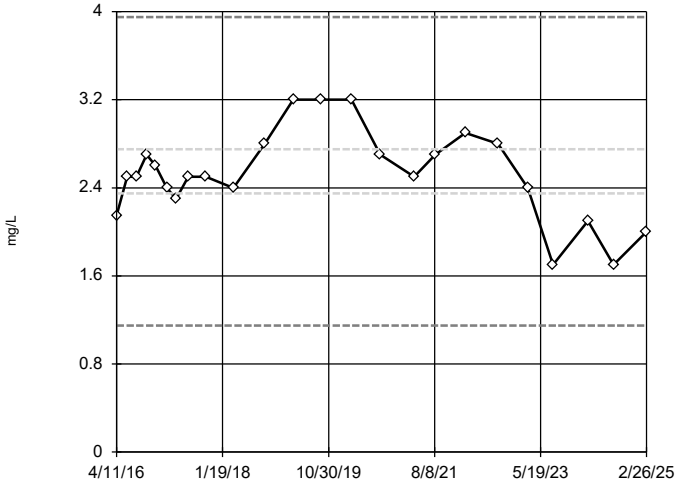
Constituent: Sulfate Analysis Run 4/17/2025 10:52 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWC-29



n = 24

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

High cutoff = 3.95, low cutoff = 1.15, based on IQR multiplier of 3.

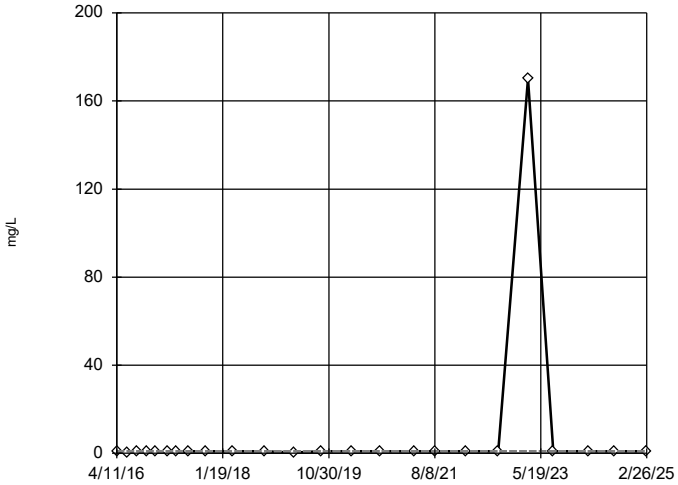
Constituent: Sulfate Analysis Run 4/17/2025 10:52 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWC-50



n = 24

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

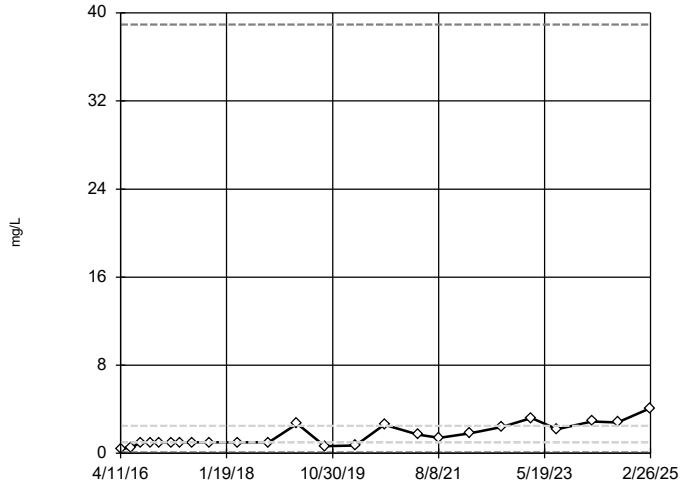
Constituent: Sulfate Analysis Run 4/17/2025 10:52 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWC-51



n = 24

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 38.94, low cutoff = 0.06415, based on IQR multiplier of 3.

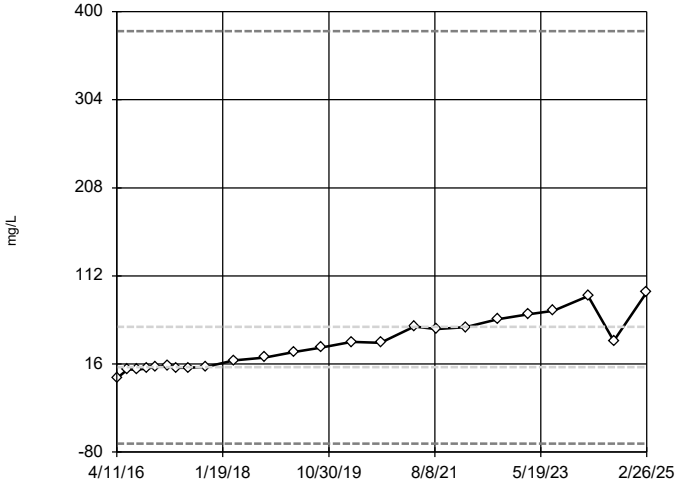
Constituent: Sulfate Analysis Run 4/17/2025 10:52 AM

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Tukey's Outlier Screening

GWC-52



n = 24

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

High cutoff = 378.8, low cutoff = -70.74, based on IQR multiplier of 3.

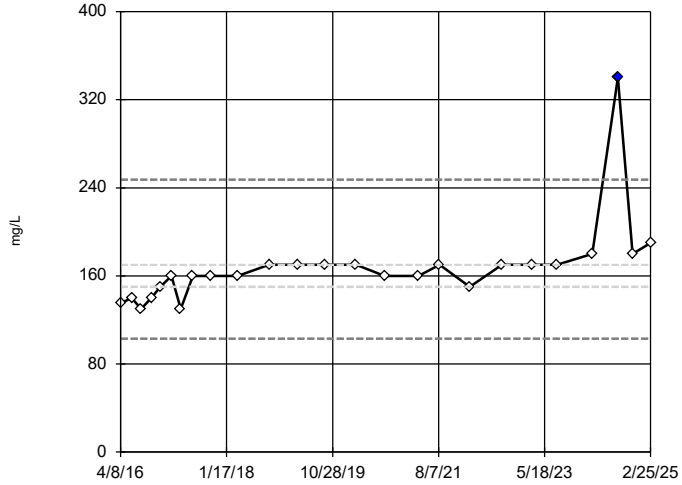
Constituent: Sulfate Analysis Run 4/17/2025 10:52 AM

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Tukey's Outlier Screening

GWC-53



n = 25

Outlier is drawn as solid. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 247.5, low cutoff = 103, based on IQR multiplier of 3.

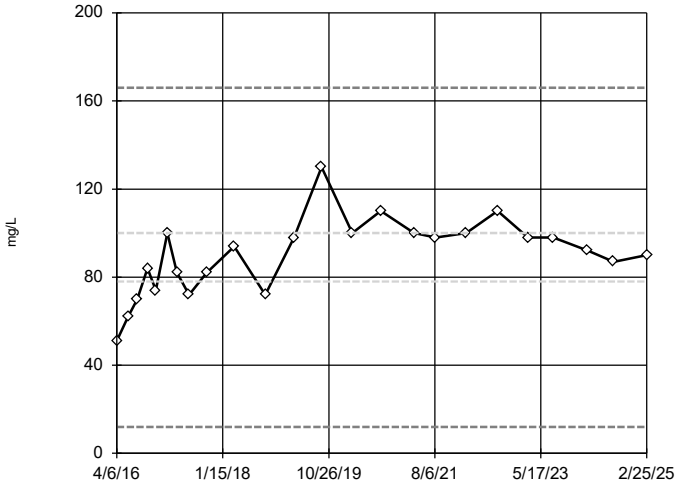
Constituent: Sulfate Analysis Run 4/17/2025 10:52 AM

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Tukey's Outlier Screening

GWA-21 (bg)



n = 24

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

High cutoff = 166, low cutoff = 12, based on IQR multiplier of 3.

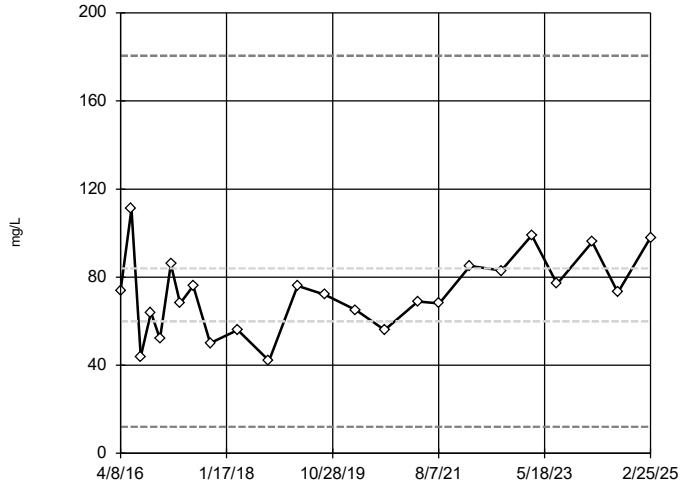
Constituent: TDS Analysis Run 4/17/2025 10:52 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWA-22 (bg)



n = 24

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

High cutoff = 180.5, low cutoff = 12.05, based on IQR multiplier of 3.

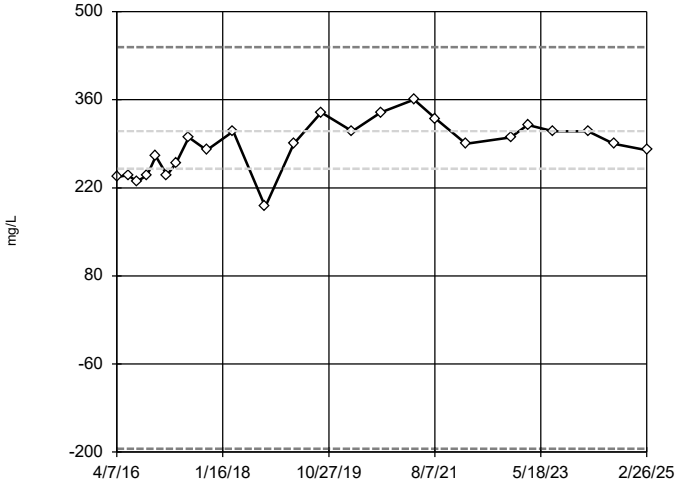
Constituent: TDS Analysis Run 4/17/2025 10:52 AM

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Tukey's Outlier Screening

GWA-45 (bg)



n = 24

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

High cutoff = 443.4, low cutoff = -194.7, based on IQR multiplier of 3.

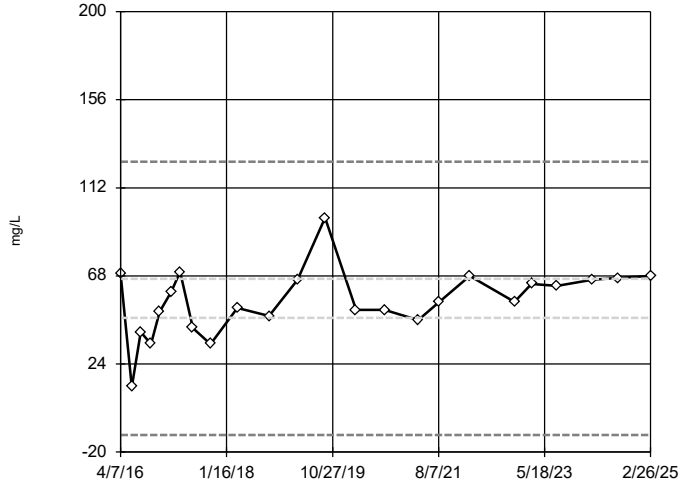
Constituent: TDS Analysis Run 4/17/2025 10:52 AM

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Tukey's Outlier Screening

GWA-46 (bg)



n = 24

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

High cutoff = 125, low cutoff = -11.5, based on IQR multiplier of 3.

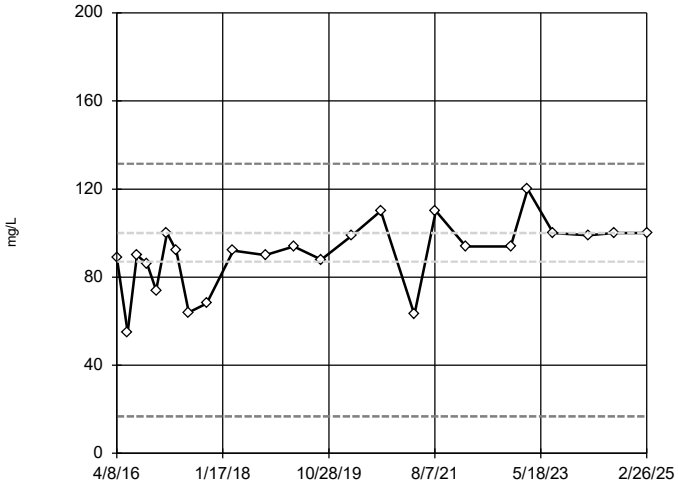
Constituent: TDS Analysis Run 4/17/2025 10:52 AM

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Tukey's Outlier Screening

GWA-47 (bg)



n = 24

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

High cutoff = 131.5, low cutoff = 16.73, based on IQR multiplier of 3.

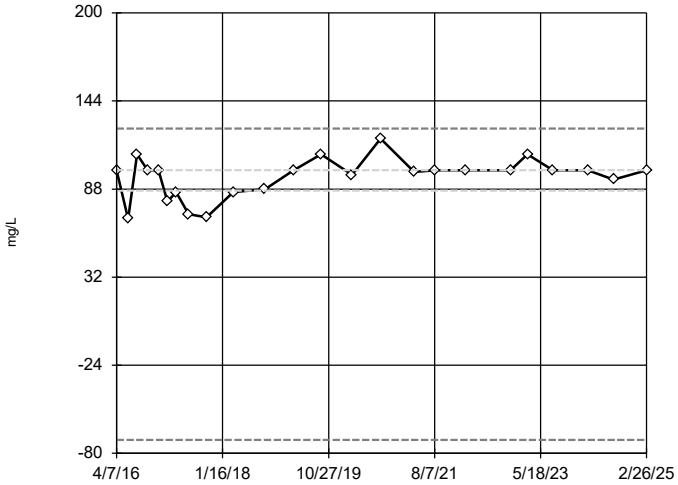
Constituent: TDS Analysis Run 4/17/2025 10:52 AM

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Tukey's Outlier Screening

GWA-48 (bg)



n = 24

No outliers found. Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

High cutoff = 126.5, low cutoff = -71.46, based on IQR multiplier of 3.

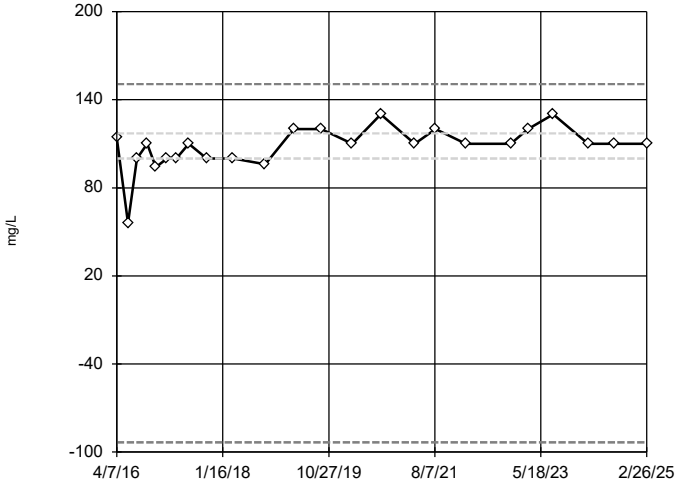
Constituent: TDS Analysis Run 4/17/2025 10:52 AM

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Tukey's Outlier Screening

GWA-49 (bg)



n = 24

No outliers found. Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

High cutoff = 150.7, low cutoff = -93.38, based on IQR multiplier of 3.

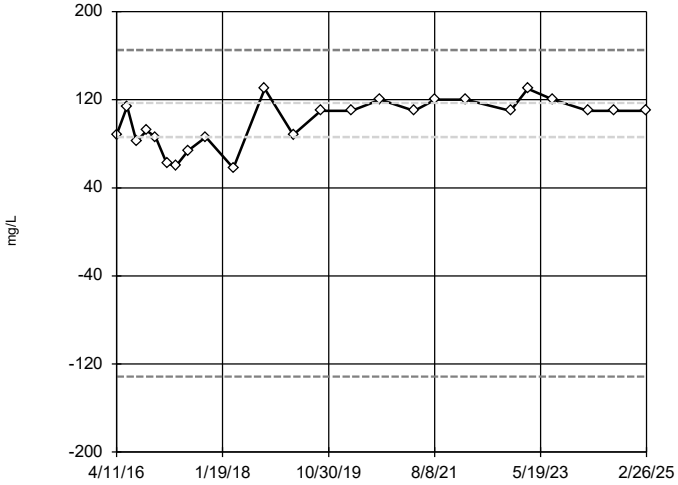
Constituent: TDS Analysis Run 4/17/2025 10:52 AM

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Tukey's Outlier Screening

GWC-29



n = 24

No outliers found. Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

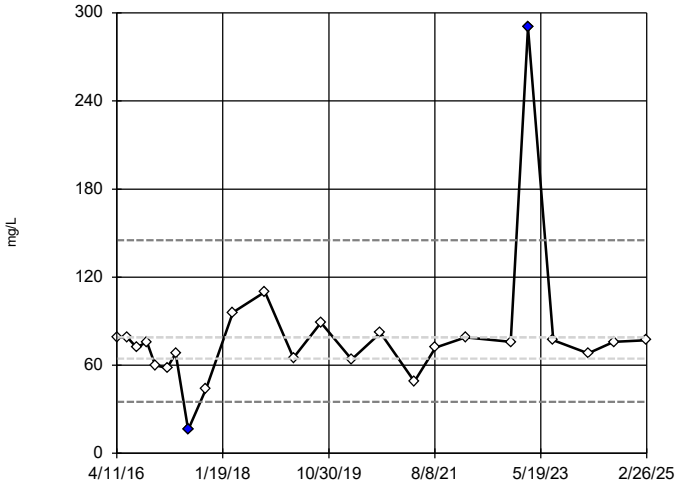
High cutoff = 165.2, low cutoff = -131.4, based on IQR multiplier of 3.

Constituent: TDS Analysis Run 4/17/2025 10:52 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Tukey's Outlier Screening

GWC-50



n = 24

Outliers are drawn as solid.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 145.2, low cutoff = 35.1, based on IQR multiplier of 3.

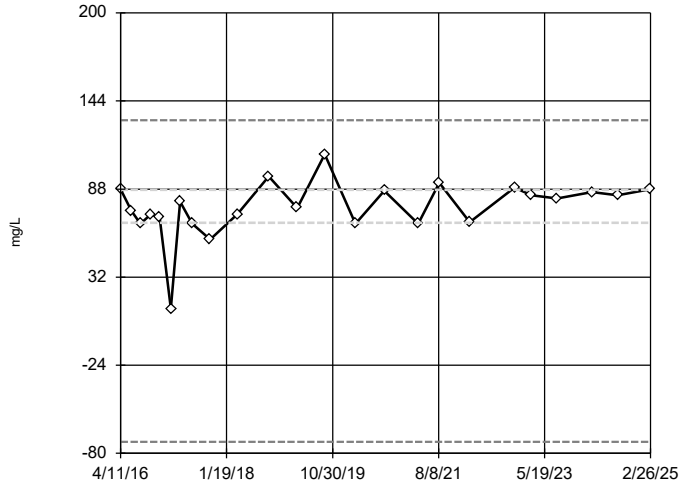
Constituent: TDS Analysis Run 4/17/2025 10:52 AM

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Tukey's Outlier Screening

GWC-51



n = 24

No outliers found.
Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

High cutoff = 131.8, low cutoff = -72.66, based on IQR multiplier of 3.

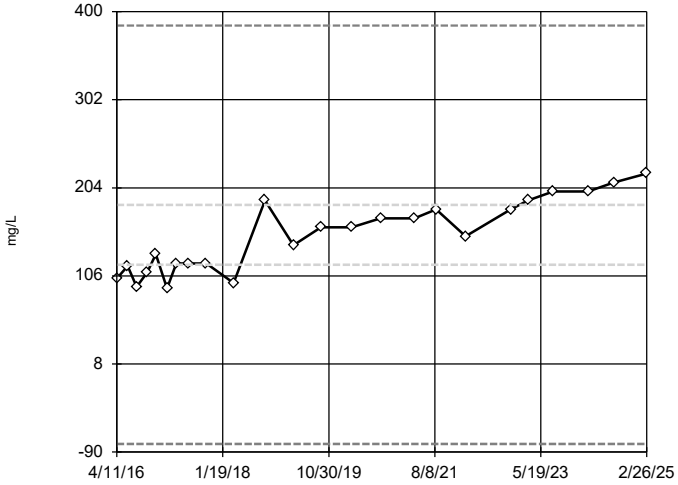
Constituent: TDS Analysis Run 4/17/2025 10:52 AM

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Tukey's Outlier Screening

GWC-52



n = 24

No outliers found.
Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

High cutoff = 384.5, low cutoff = -81, based on IQR multiplier of 3.

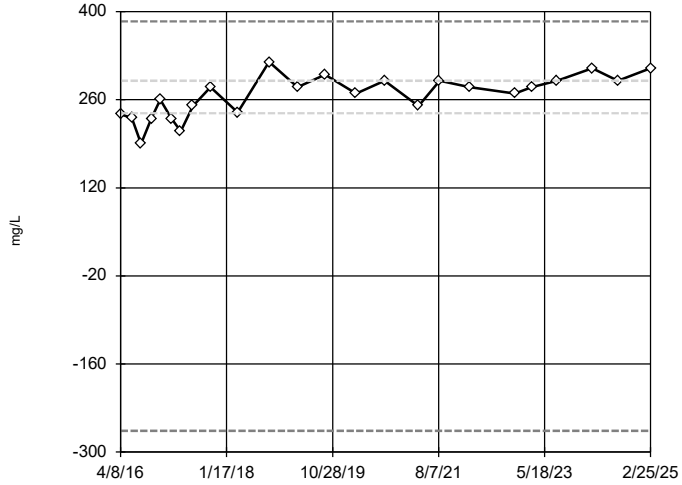
Constituent: TDS Analysis Run 4/17/2025 10:52 AM

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Tukey's Outlier Screening

GWC-53



n = 24

No outliers found.
Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

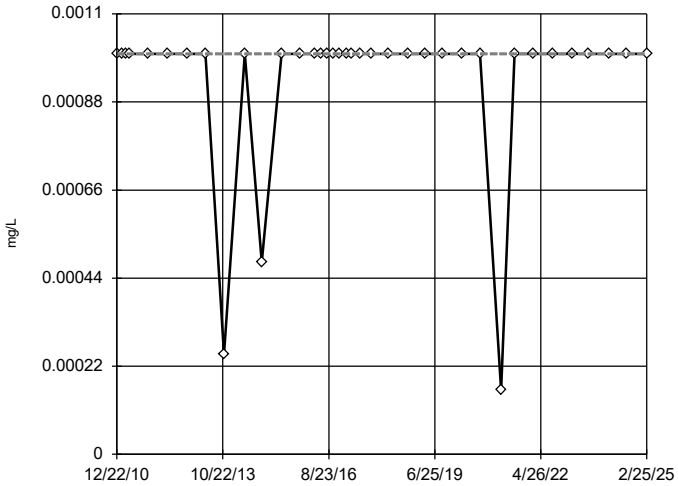
High cutoff = 384.5, low cutoff = -266.3, based on IQR multiplier of 3.

Constituent: TDS Analysis Run 4/17/2025 10:52 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Tukey's Outlier Screening

GWA-21 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

The results were invalidated, because the lower and upper quartiles are equal.

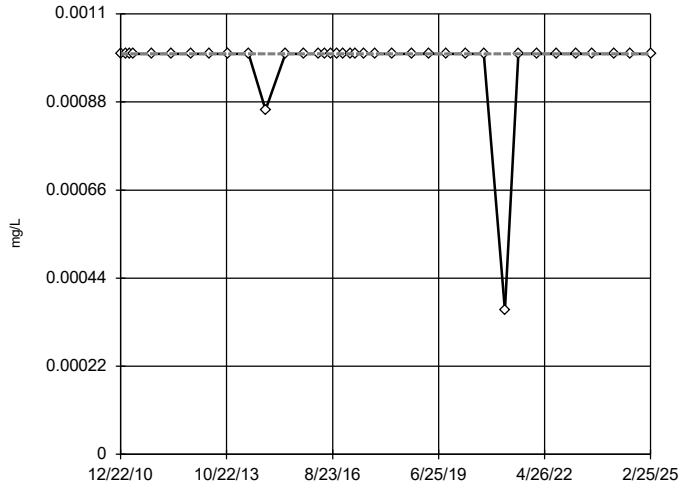
Constituent: Thallium Analysis Run 4/17/2025 10:52 AM

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Tukey's Outlier Screening

GWA-22 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

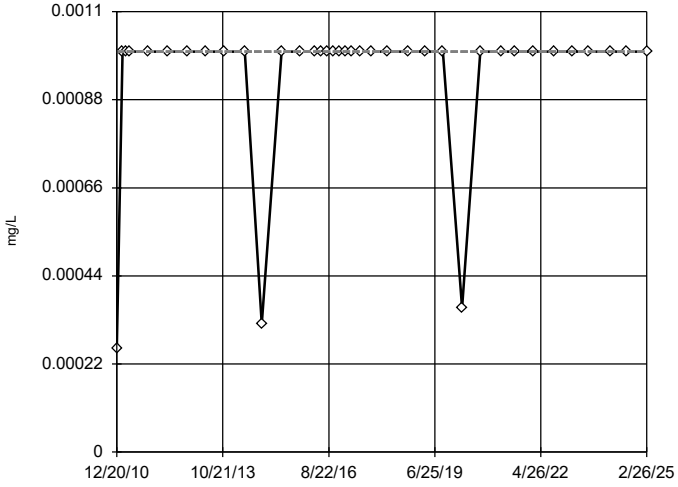
Constituent: Thallium Analysis Run 4/17/2025 10:53 AM

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Tukey's Outlier Screening

GWA-45 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

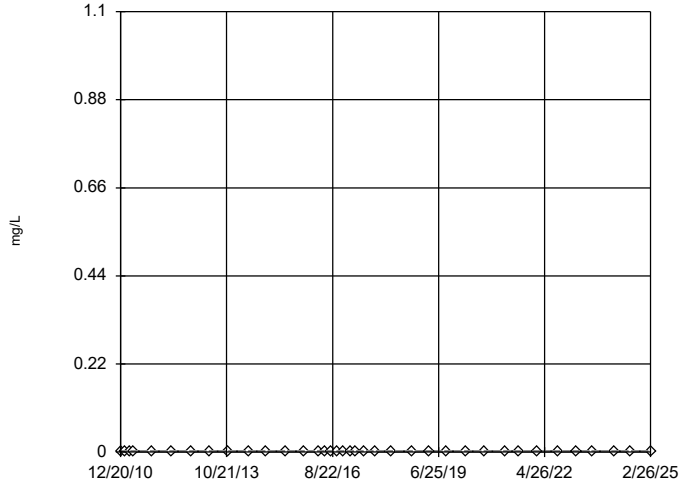
Constituent: Thallium Analysis Run 4/17/2025 10:53 AM

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Tukey's Outlier Screening

GWA-46 (bg)



n = 37

No outliers found. Tukey's method selected by user.

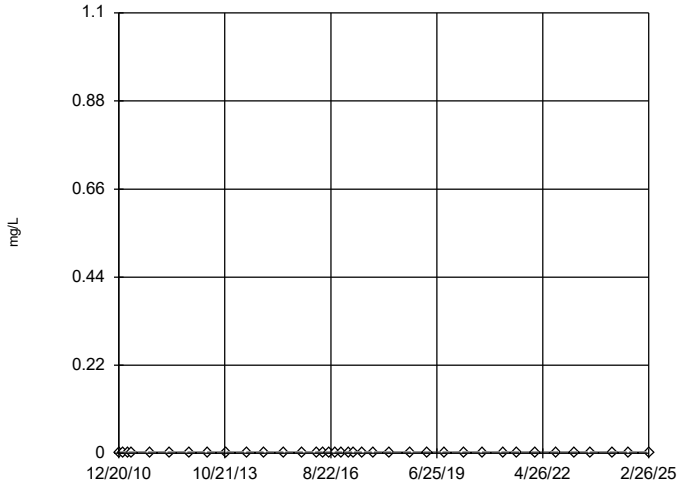
All values are the same.

Constituent: Thallium Analysis Run 4/17/2025 10:53 AM

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Tukey's Outlier Screening

GWA-47 (bg)



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

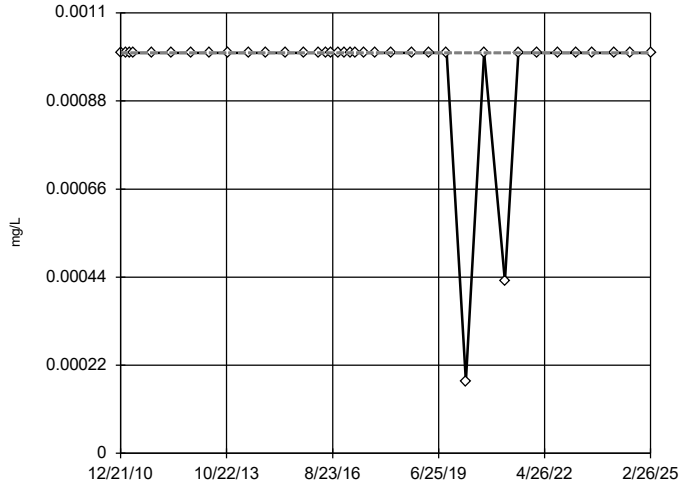
Constituent: Thallium Analysis Run 4/17/2025 10:53 AM

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Tukey's Outlier Screening

GWA-48 (bg)



n = 37

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

The results were invalidated, because the lower and upper quartiles are equal.

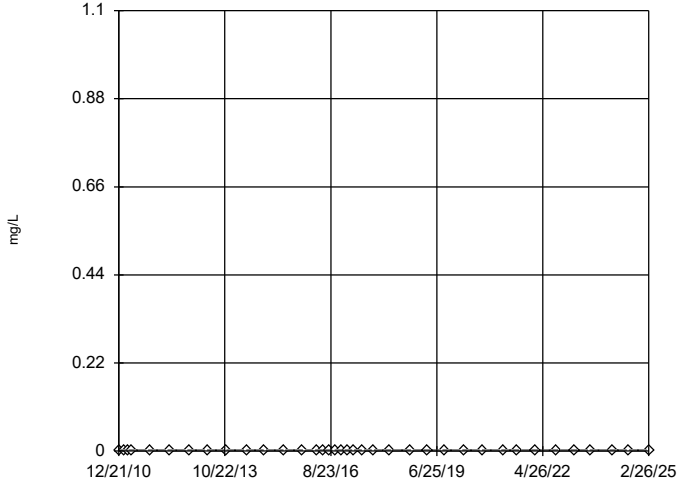
Constituent: Thallium Analysis Run 4/17/2025 10:53 AM

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Tukey's Outlier Screening

GWA-49 (bg)



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

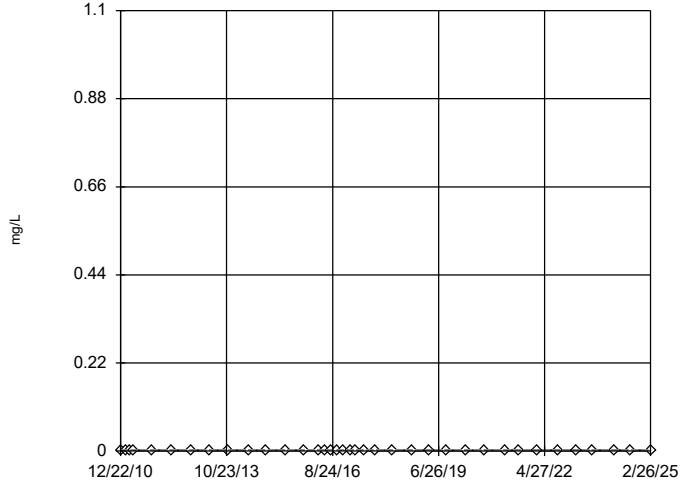
Constituent: Thallium Analysis Run 4/17/2025 10:53 AM

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Tukey's Outlier Screening

GWC-29



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

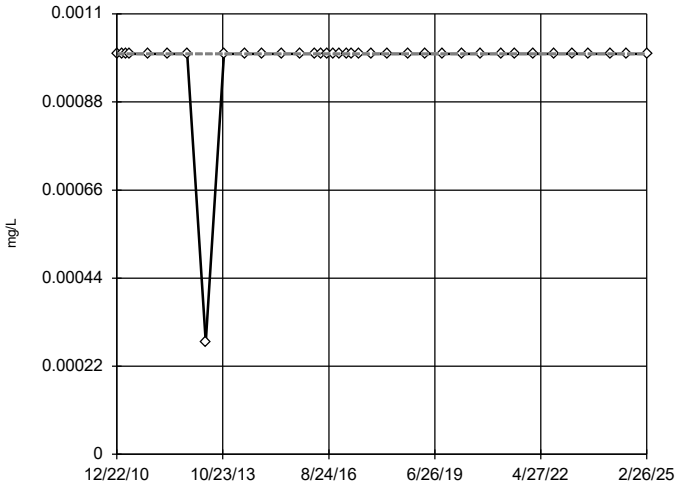
Constituent: Thallium Analysis Run 4/17/2025 10:53 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWC-50



n = 37

No outliers found. Tukey's method selected by user.

Data were x^5 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

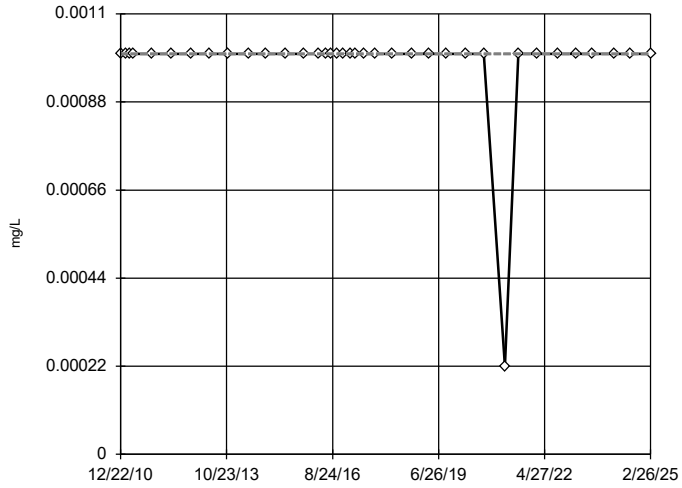
Constituent: Thallium Analysis Run 4/17/2025 10:53 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWC-51



n = 37

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

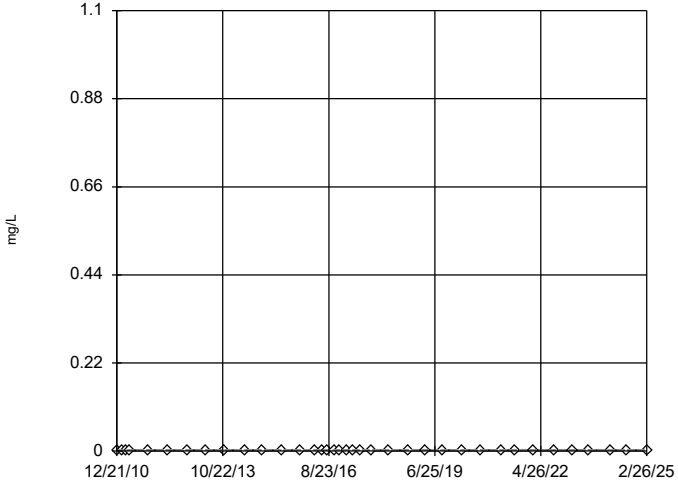
Constituent: Thallium Analysis Run 4/17/2025 10:53 AM

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Tukey's Outlier Screening

GWC-52



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

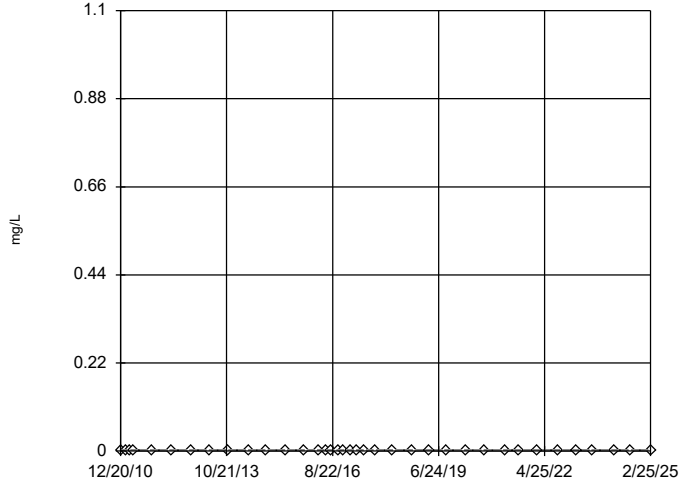
Constituent: Thallium Analysis Run 4/17/2025 10:53 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWC-53



n = 37

No outliers found. Tukey's method selected by user.

All values are the same.

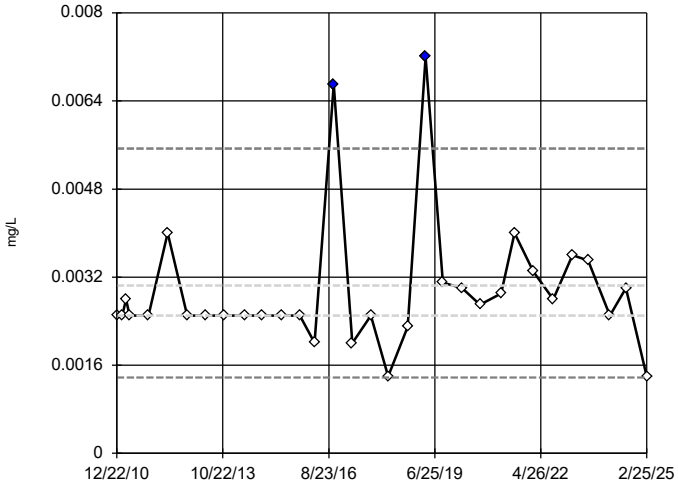
Constituent: Thallium Analysis Run 4/17/2025 10:53 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWA-21 (bg)



n = 32

Outliers are drawn as solid.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.005535, low cutoff = 0.001377, based on IQR multiplier of 3.

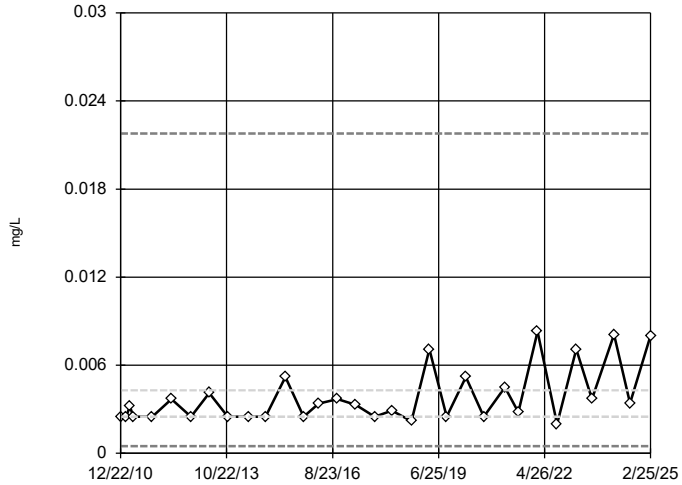
Constituent: Vanadium Analysis Run 4/17/2025 10:53 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWA-22 (bg)



n = 32

No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.02179, low cutoff = 0.0004929, based on IQR multiplier of 3.

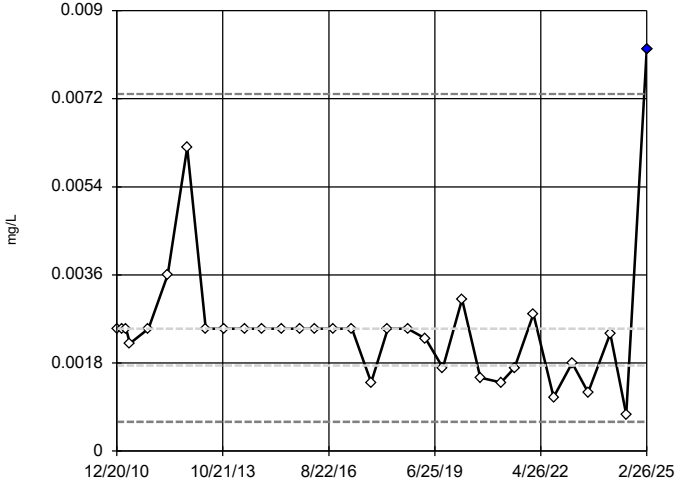
Constituent: Vanadium Analysis Run 4/17/2025 10:53 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWA-45 (bg)



n = 32

Outlier is drawn as solid.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.007298, low cutoff = 0.0005993, based on IQR multiplier of 3.

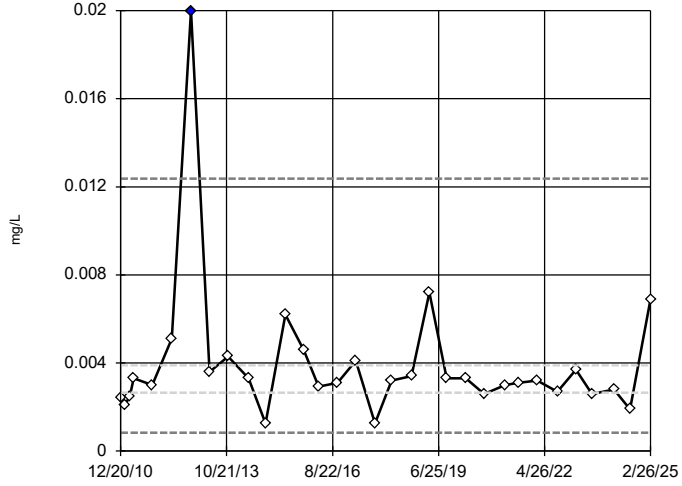
Constituent: Vanadium Analysis Run 4/17/2025 10:53 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWA-46 (bg)



n = 32

Outlier is drawn as solid.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.01237, low cutoff = 0.0008341, based on IQR multiplier of 3.

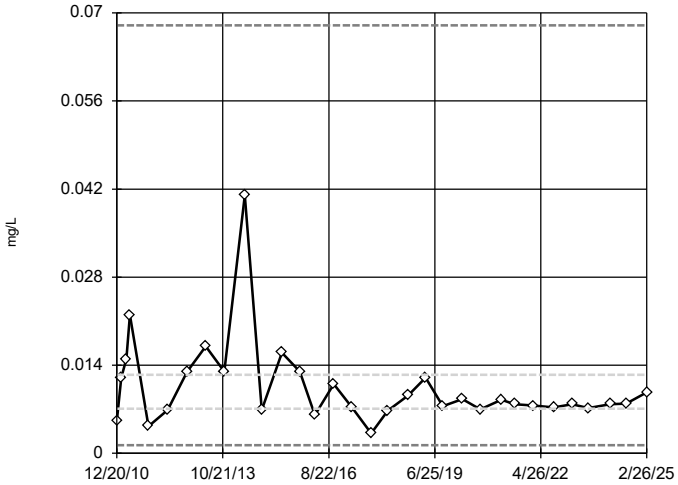
Constituent: Vanadium Analysis Run 4/17/2025 10:53 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWA-47 (bg)



n = 32

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.06801, low cutoff = 0.001304, based on IQR multiplier of 3.

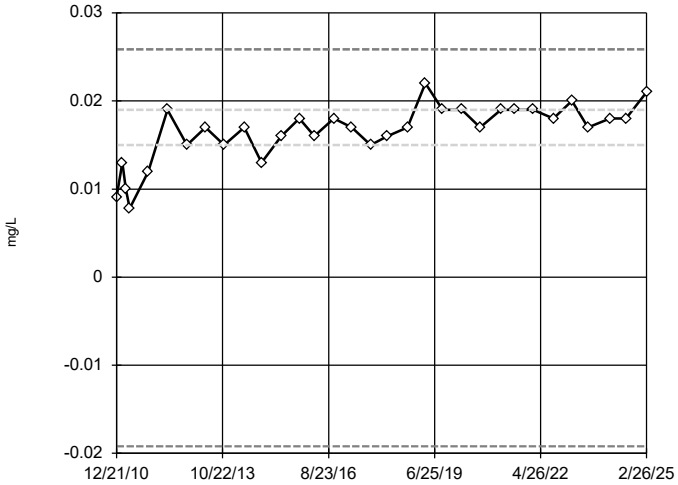
Constituent: Vanadium Analysis Run 4/17/2025 10:53 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWA-48 (bg)



n = 32

No outliers found. Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.02587, low cutoff = -0.0192, based on IQR multiplier of 3.

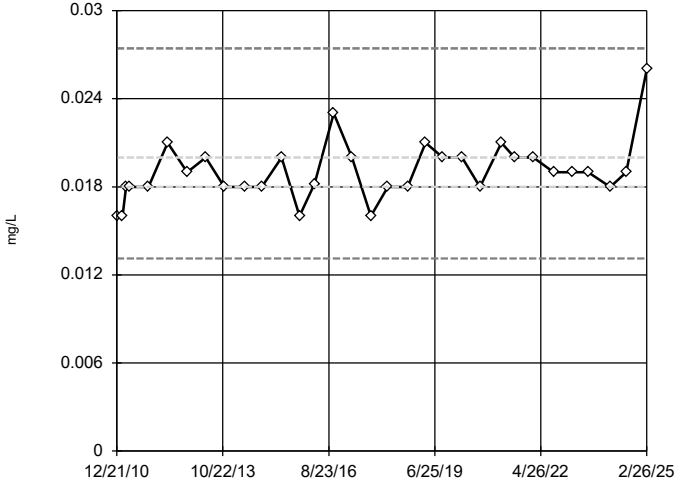
Constituent: Vanadium Analysis Run 4/17/2025 10:53 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWA-49 (bg)



n = 32

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.02743, low cutoff = 0.01312, based on IQR multiplier of 3.

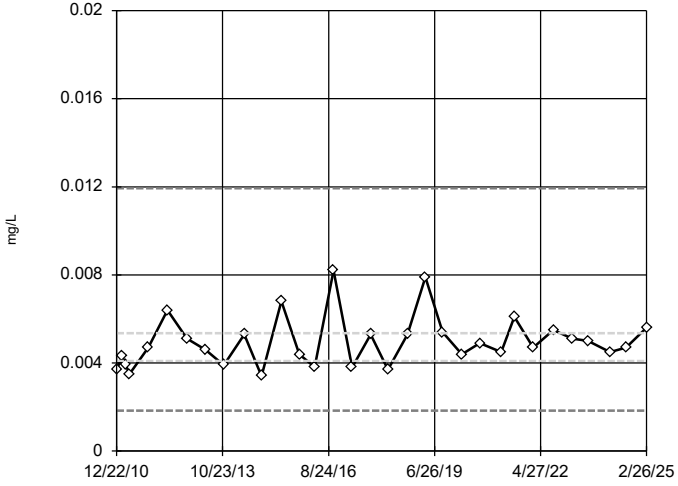
Constituent: Vanadium Analysis Run 4/17/2025 10:53 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWC-29



n = 32

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

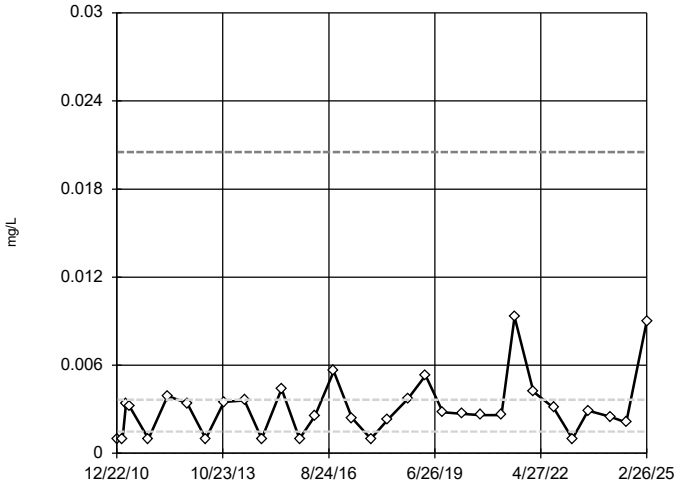
High cutoff = 0.01193, low cutoff = 0.001837, based on IQR multiplier of 3.

Constituent: Vanadium Analysis Run 4/17/2025 10:53 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Tukey's Outlier Screening

GWC-50



n = 32

No outliers found. Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.02052, low cutoff = -1.9e-7, based on IQR multiplier of 3.

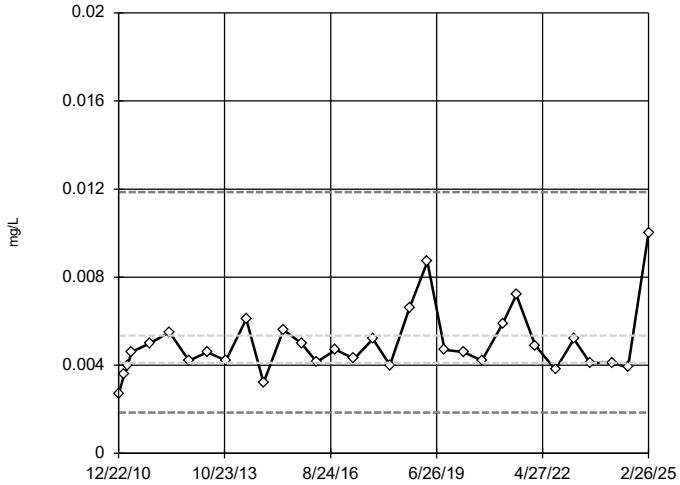
Constituent: Vanadium Analysis Run 4/17/2025 10:53 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWC-51



n = 32

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.01187, low cutoff = 0.001848, based on IQR multiplier of 3.

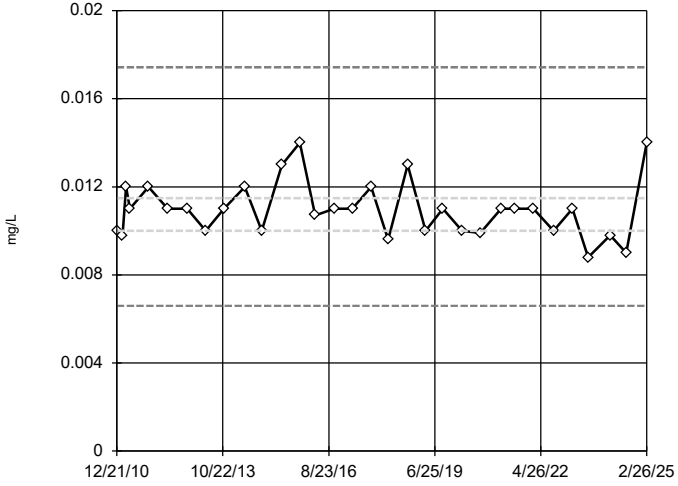
Constituent: Vanadium Analysis Run 4/17/2025 10:53 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWC-52



n = 32

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.01742, low cutoff = 0.006594, based on IQR multiplier of 3.

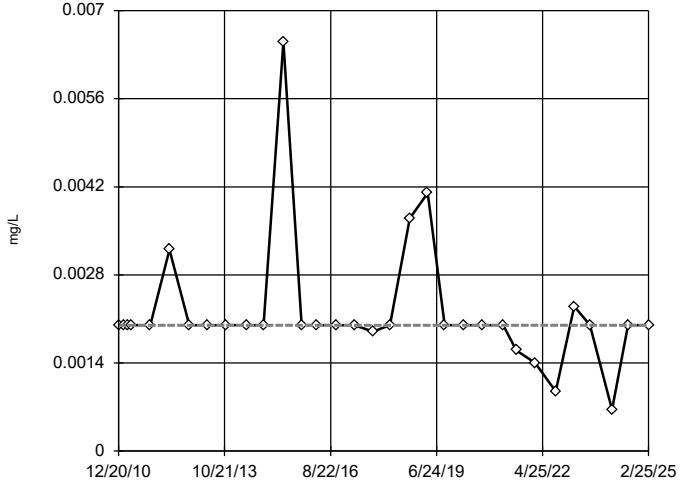
Constituent: Vanadium Analysis Run 4/17/2025 10:53 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWC-53



n = 32

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

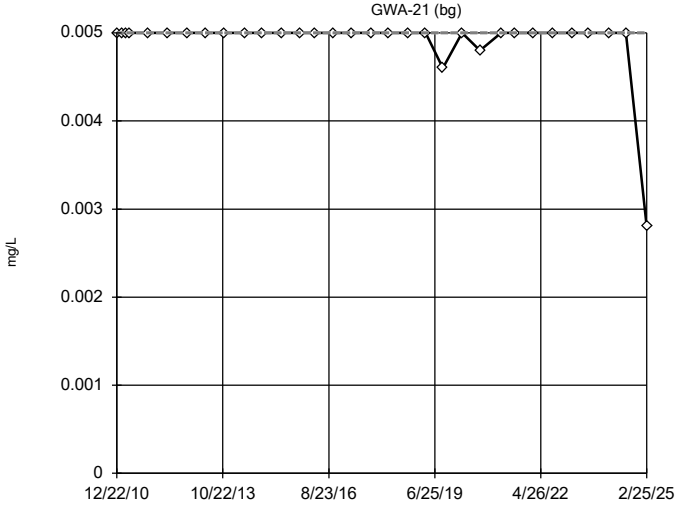
Constituent: Vanadium Analysis Run 4/17/2025 10:53 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWA-21 (bg)



n = 32

No outliers found.
Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

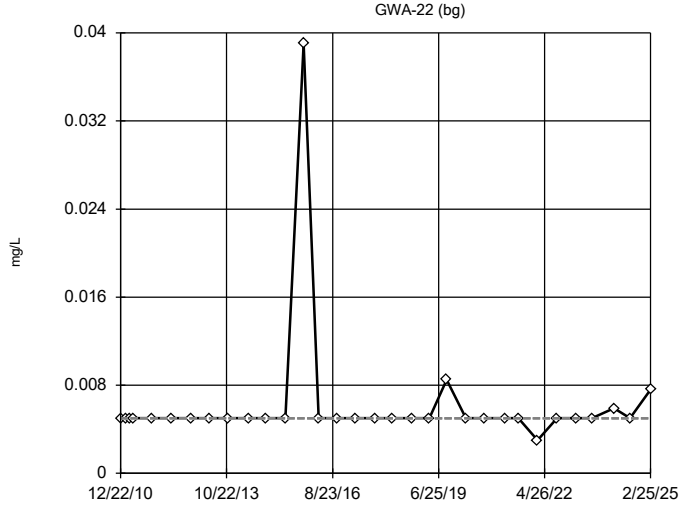
Constituent: Zinc Analysis Run 4/17/2025 10:53 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Tukey's Outlier Screening

GWA-22 (bg)



n = 32

No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

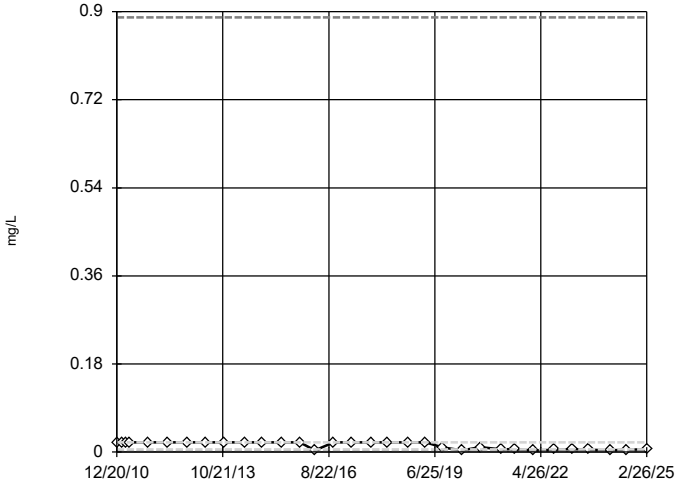
Constituent: Zinc Analysis Run 4/17/2025 10:53 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWA-45 (bg)



n = 32

No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.888, low cutoff = 0.0001272, based on IQR multiplier of 3.

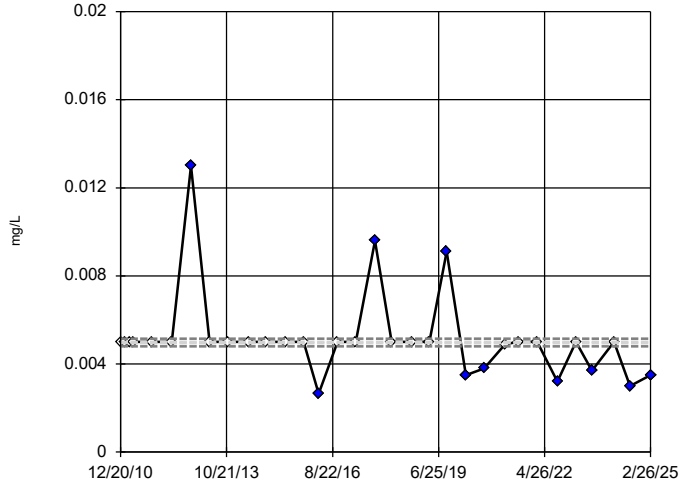
Constituent: Zinc Analysis Run 4/17/2025 10:53 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWA-46 (bg)



n = 32

Outliers are drawn as solid.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.005154, low cutoff = 0.004802, based on IQR multiplier of 3.

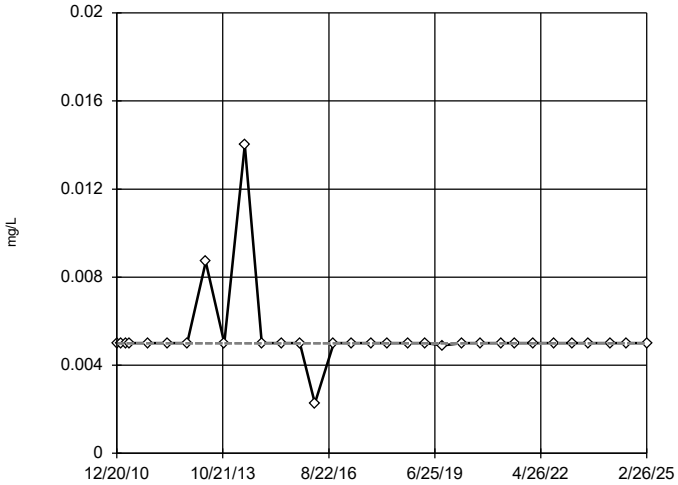
Constituent: Zinc Analysis Run 4/17/2025 10:53 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWA-47 (bg)



n = 32

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

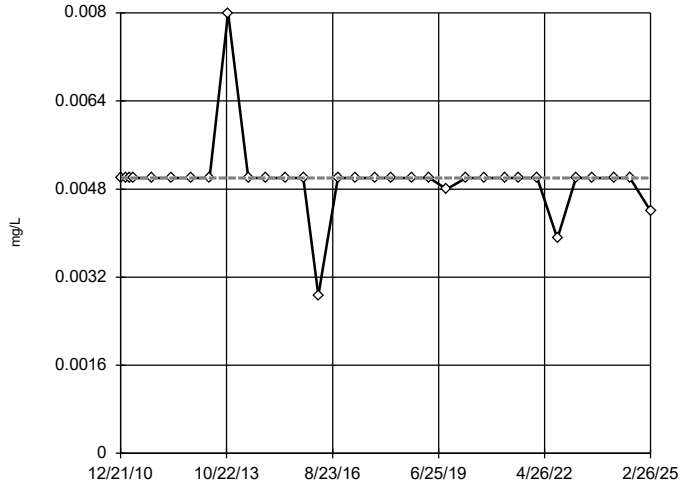
Constituent: Zinc Analysis Run 4/17/2025 10:53 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWA-48 (bg)



n = 32

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

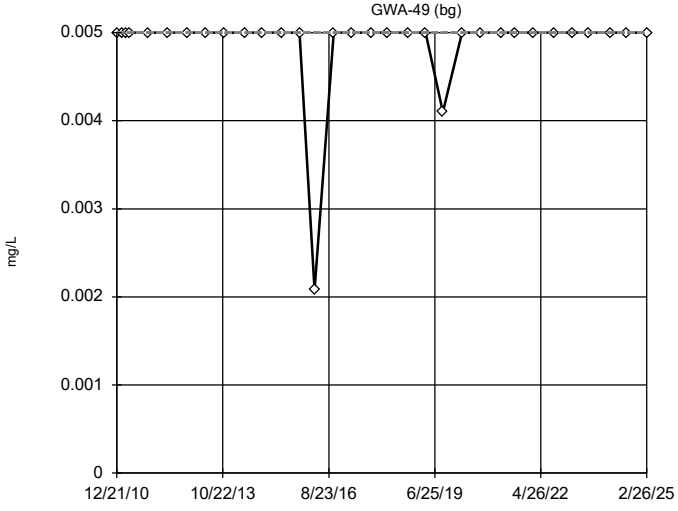
Constituent: Zinc Analysis Run 4/17/2025 10:53 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWA-49 (bg)



n = 32

No outliers found. Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

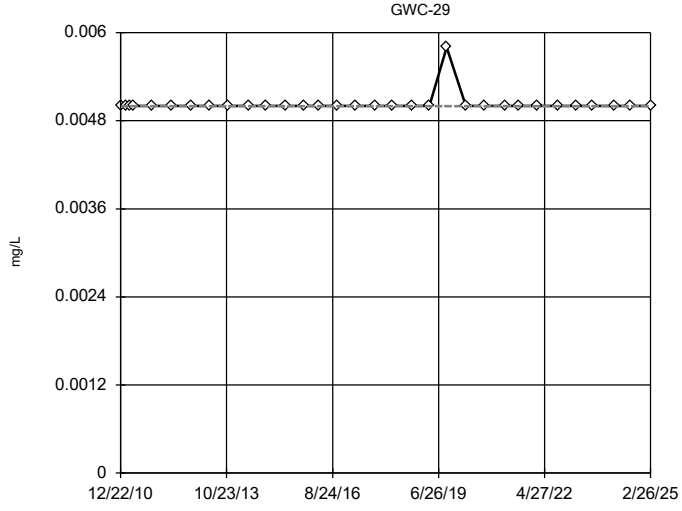
Constituent: Zinc Analysis Run 4/17/2025 10:53 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Tukey's Outlier Screening

GWC-29



n = 32

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

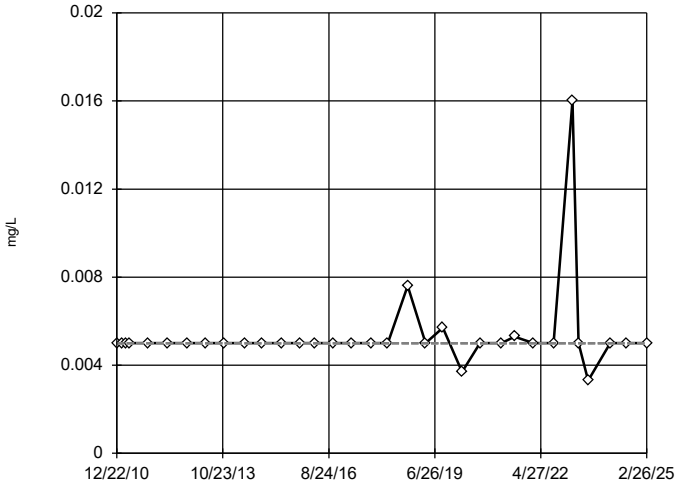
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Zinc Analysis Run 4/17/2025 10:53 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Tukey's Outlier Screening

GWC-50



n = 33

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

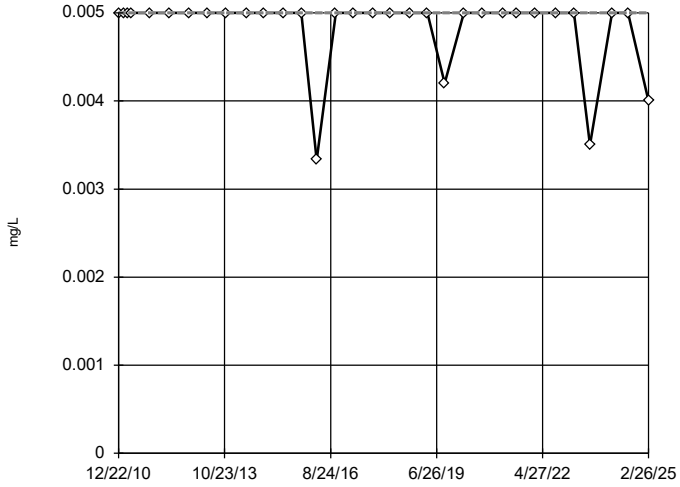
Constituent: Zinc Analysis Run 4/17/2025 10:53 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Tukey's Outlier Screening

GWC-51



n = 32

No outliers found. Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

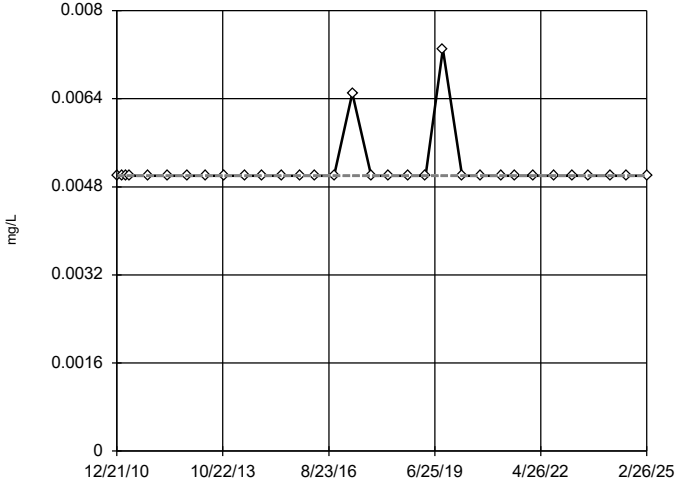
Constituent: Zinc Analysis Run 4/17/2025 10:53 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

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Tukey's Outlier Screening

GWC-52



n = 32

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

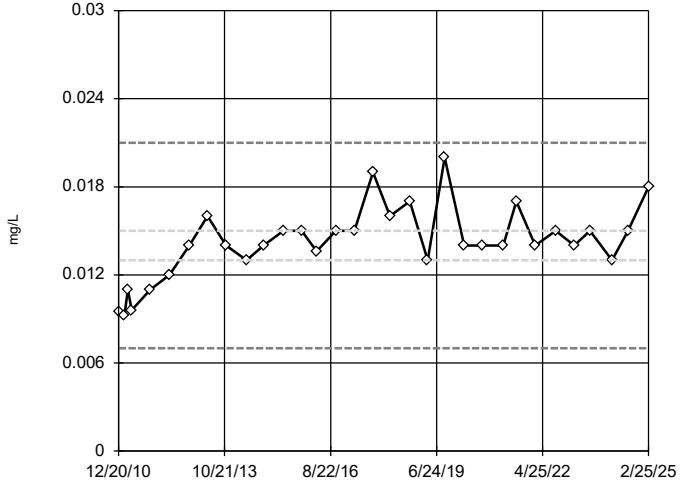
Constituent: Zinc Analysis Run 4/17/2025 10:53 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Tukey's Outlier Screening

GWC-53



n = 32

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

High cutoff = 0.021, low cutoff = 0.007, based on IQR multiplier of 3.

Constituent: Zinc Analysis Run 4/17/2025 10:53 AM

Plant Scherer Client: Southern Company Data: Scherer PAC

FIGURE D.

Welch's t-test/Mann-Whitney - Significant Results

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 6/10/2025, 11:36 AM

Constituent	Well	Calc.	0.01	Alpha	Sig.	Method
Arsenic (mg/L)	**GWA-22 (bg)**	**-2.917**	**Yes**	**0.01**	**Yes**	**Mann-W**
Arsenic (mg/L)	**GWA-46 (bg)**	**2.74**	**Yes**	**0.01**	**Yes**	**Mann-W**
Arsenic (mg/L)	**GWA-47 (bg)**	**2.74**	**Yes**	**0.01**	**Yes**	**Mann-W**
Arsenic (mg/L)	**GWC-52**	**-3.256**	**Yes**	**0.01**	**Yes**	**Mann-W**
Barium (mg/L)	**GWC-29**	**2.651**	**Yes**	**0.01**	**Yes**	**Mann-W**
Barium (mg/L)	**GWC-52**	**3.144**	**Yes**	**0.01**	**Yes**	**Mann-W**
Calcium (mg/L)	**GWA-45 (bg)**	**-2.966**	**Yes**	**0.01**	**Yes**	**Mann-W**
Calcium (mg/L)	**GWA-47 (bg)**	**3.097**	**Yes**	**0.01**	**Yes**	**Mann-W**
Calcium (mg/L)	**GWC-29**	**3.048**	**Yes**	**0.01**	**Yes**	**Mann-W**
Calcium (mg/L)	**GWC-51**	**2.933**	**Yes**	**0.01**	**Yes**	**Mann-W**
Calcium (mg/L)	**GWC-52**	**3.054**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chloride (mg/L)	**GWA-22 (bg)**	**-2.695**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chloride (mg/L)	**GWA-45 (bg)**	**2.726**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chloride (mg/L)	**GWA-46 (bg)**	**2.597**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chloride (mg/L)	**GWC-51**	**2.774**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chloride (mg/L)	**GWC-53**	**3.395**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chromium (mg/L)	**GWA-22 (bg)**	**2.72**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chromium (mg/L)	**GWA-45 (bg)**	**-2.637**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chromium (mg/L)	**GWC-51**	**2.696**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chromium (mg/L)	**GWC-52**	**4.821**	**Yes**	**0.01**	**Yes**	**Mann-W**
Nickel (mg/L)	**GWC-29**	**-2.735**	**Yes**	**0.01**	**Yes**	**Mann-W**
Nickel (mg/L)	**GWC-50**	**3.341**	**Yes**	**0.01**	**Yes**	**Mann-W**
pH, Field (SU)	**GWC-29**	**2.763**	**Yes**	**0.01**	**Yes**	**Mann-W**
Sulfate (mg/L)	**GWC-29**	**-2.904**	**Yes**	**0.01**	**Yes**	**Mann-W**
Sulfate (mg/L)	**GWC-51**	**2.885**	**Yes**	**0.01**	**Yes**	**Mann-W**
Sulfate (mg/L)	**GWC-52**	**4.033**	**Yes**	**0.01**	**Yes**	**Mann-W**
Sulfate (mg/L)	**GWC-53**	**2.636**	**Yes**	**0.01**	**Yes**	**Mann-W**
TDS (mg/L)	**GWC-52**	**3.175**	**Yes**	**0.01**	**Yes**	**Mann-W**

Welch's t-test/Mann-Whitney - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 6/10/2025, 11:36 AM

Constituent	Well	Calc.	0.01	Alpha	Sig.	Method
Antimony (mg/L)	GWA-21 (bg)	0.2652	No	0.01	No	Mann-W
Antimony (mg/L)	GWA-46 (bg)	0.2652	No	0.01	No	Mann-W
Antimony (mg/L)	GWA-47 (bg)	0.2652	No	0.01	No	Mann-W
Antimony (mg/L)	GWA-48 (bg)	0.2652	No	0.01	No	Mann-W
Antimony (mg/L)	GWC-51	0.2652	No	0.01	No	Mann-W
Arsenic (mg/L)	**GWA-22 (bg)**	**-2.917**	**Yes**	**0.01**	**Yes**	**Mann-W**
Arsenic (mg/L)	GWA-45 (bg)	-0.2625	No	0.01	No	Mann-W
Arsenic (mg/L)	**GWA-46 (bg)**	**2.74**	**Yes**	**0.01**	**Yes**	**Mann-W**
Arsenic (mg/L)	**GWA-47 (bg)**	**2.74**	**Yes**	**0.01**	**Yes**	**Mann-W**
Arsenic (mg/L)	GWA-48 (bg)	-1.775	No	0.01	No	Mann-W
Arsenic (mg/L)	GWA-49 (bg)	2.155	No	0.01	No	Mann-W
Arsenic (mg/L)	GWC-29	1.648	No	0.01	No	Mann-W
Arsenic (mg/L)	GWC-50	2.155	No	0.01	No	Mann-W
Arsenic (mg/L)	**GWC-52**	**-3.256**	**Yes**	**0.01**	**Yes**	**Mann-W**
Arsenic (mg/L)	GWC-53	1.155	No	0.01	No	Mann-W
Barium (mg/L)	GWA-21 (bg)	-1.85	No	0.01	No	Mann-W
Barium (mg/L)	GWA-22 (bg)	-2.361	No	0.01	No	Mann-W
Barium (mg/L)	GWA-45 (bg)	2.138	No	0.01	No	Mann-W
Barium (mg/L)	GWA-46 (bg)	2.256	No	0.01	No	Mann-W
Barium (mg/L)	GWA-47 (bg)	0.8851	No	0.01	No	Mann-W
Barium (mg/L)	GWA-48 (bg)	0.4886	No	0.01	No	Mann-W
Barium (mg/L)	GWA-49 (bg)	0.1281	No	0.01	No	Mann-W
Barium (mg/L)	**GWC-29**	**2.651**	**Yes**	**0.01**	**Yes**	**Mann-W**
Barium (mg/L)	GWC-50	2.541	No	0.01	No	Mann-W
Barium (mg/L)	GWC-51	1.912	No	0.01	No	Mann-W
Barium (mg/L)	**GWC-52**	**3.144**	**Yes**	**0.01**	**Yes**	**Mann-W**
Barium (mg/L)	GWC-53	-2.489	No	0.01	No	Mann-W
Beryllium (mg/L)	GWA-22 (bg)	0.2652	No	0.01	No	Mann-W
Beryllium (mg/L)	GWC-51	0.2652	No	0.01	No	Mann-W
Boron (mg/L)	GWA-21 (bg)	0.5805	No	0.01	No	Mann-W
Boron (mg/L)	GWA-22 (bg)	0.2078	No	0.01	No	Mann-W
Boron (mg/L)	GWA-45 (bg)	1.577	No	0.01	No	Mann-W
Boron (mg/L)	GWA-46 (bg)	-1.385	No	0.01	No	Mann-W
Boron (mg/L)	GWA-47 (bg)	-1.244	No	0.01	No	Mann-W
Boron (mg/L)	GWA-48 (bg)	0.3068	No	0.01	No	Mann-W
Boron (mg/L)	GWA-49 (bg)	-2.294	No	0.01	No	Mann-W
Boron (mg/L)	GWC-29	-2.286	No	0.01	No	Mann-W
Boron (mg/L)	GWC-51	0.2078	No	0.01	No	Mann-W
Boron (mg/L)	GWC-52	-2.287	No	0.01	No	Mann-W
Boron (mg/L)	GWC-53	0.6606	No	0.01	No	Mann-W
Cadmium (mg/L)	GWA-47 (bg)	0.2652	No	0.01	No	Mann-W
Cadmium (mg/L)	GWC-50	0.2652	No	0.01	No	Mann-W
Cadmium (mg/L)	GWC-52	0.2652	No	0.01	No	Mann-W
Calcium (mg/L)	GWA-21 (bg)	-2.557	No	0.01	No	Mann-W
Calcium (mg/L)	GWA-22 (bg)	2.439	No	0.01	No	Mann-W
Calcium (mg/L)	**GWA-45 (bg)**	**-2.966**	**Yes**	**0.01**	**Yes**	**Mann-W**
Calcium (mg/L)	GWA-46 (bg)	2.357	No	0.01	No	Mann-W
Calcium (mg/L)	**GWA-47 (bg)**	**3.097**	**Yes**	**0.01**	**Yes**	**Mann-W**
Calcium (mg/L)	GWA-48 (bg)	0.7817	No	0.01	No	Mann-W
Calcium (mg/L)	GWA-49 (bg)	1.644	No	0.01	No	Mann-W
Calcium (mg/L)	**GWC-29**	**3.048**	**Yes**	**0.01**	**Yes**	**Mann-W**
Calcium (mg/L)	GWC-50	2.305	No	0.01	No	Mann-W
Calcium (mg/L)	**GWC-51**	**2.933**	**Yes**	**0.01**	**Yes**	**Mann-W**
Calcium (mg/L)	**GWC-52**	**3.054**	**Yes**	**0.01**	**Yes**	**Mann-W**
Calcium (mg/L)	GWC-53	1.732	No	0.01	No	Mann-W
Chloride (mg/L)	GWA-21 (bg)	0	No	0.01	No	Mann-W
Chloride (mg/L)	**GWA-22 (bg)**	**-2.695**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chloride (mg/L)	**GWA-45 (bg)**	**2.726**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chloride (mg/L)	**GWA-46 (bg)**	**2.597**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chloride (mg/L)	GWA-47 (bg)	2.099	No	0.01	No	Mann-W
Chloride (mg/L)	GWA-48 (bg)	0.4402	No	0.01	No	Mann-W
Chloride (mg/L)	GWA-49 (bg)	-1.17	No	0.01	No	Mann-W
Chloride (mg/L)	GWC-29	-0.1714	No	0.01	No	Mann-W
Chloride (mg/L)	GWC-50	-2.338	No	0.01	No	Mann-W
Chloride (mg/L)	**GWC-51**	**2.774**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chloride (mg/L)	GWC-52	-0.8994	No	0.01	No	Mann-W
Chloride (mg/L)	**GWC-53**	**3.395**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chromium (mg/L)	GWA-21 (bg)	-0.5543	No	0.01	No	Mann-W

Welch's t-test/Mann-Whitney - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 6/10/2025, 11:36 AM

Constituent	Well	Calc.	0.01	Alpha	Sig.	Method
Chromium (mg/L)	**GWA-22 (bg)**	**2.72**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chromium (mg/L)	**GWA-45 (bg)**	**-2.637**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chromium (mg/L)	GWA-46 (bg)	1.614	No	0.01	No	Mann-W
Chromium (mg/L)	GWA-47 (bg)	1.209	No	0.01	No	Mann-W
Chromium (mg/L)	GWA-48 (bg)	0.3024	No	0.01	No	Mann-W
Chromium (mg/L)	GWA-49 (bg)	0.126	No	0.01	No	Mann-W
Chromium (mg/L)	GWC-29	-1.387	No	0.01	No	Mann-W
Chromium (mg/L)	GWC-50	-1.815	No	0.01	No	Mann-W
Chromium (mg/L)	**GWC-51**	**2.696**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chromium (mg/L)	**GWC-52**	**4.821**	**Yes**	**0.01**	**Yes**	**Mann-W**
Chromium (mg/L)	GWC-53	0.0258	No	0.01	No	Mann-W
Cobalt (mg/L)	GWA-21 (bg)	0.6147	No	0.01	No	Mann-W
Cobalt (mg/L)	GWA-22 (bg)	1.181	No	0.01	No	Mann-W
Cobalt (mg/L)	GWA-45 (bg)	-2.49	No	0.01	No	Mann-W
Cobalt (mg/L)	GWA-46 (bg)	0.5775	No	0.01	No	Mann-W
Cobalt (mg/L)	GWA-47 (bg)	0.4771	No	0.01	No	Mann-W
Cobalt (mg/L)	GWA-48 (bg)	0.5872	No	0.01	No	Mann-W
Cobalt (mg/L)	GWA-49 (bg)	0.7952	No	0.01	No	Mann-W
Cobalt (mg/L)	GWC-29	0.2652	No	0.01	No	Mann-W
Cobalt (mg/L)	GWC-50	2.155	No	0.01	No	Mann-W
Cobalt (mg/L)	GWC-51	0.6918	No	0.01	No	Mann-W
Cobalt (mg/L)	GWC-52	0.2652	No	0.01	No	Mann-W
Cobalt (mg/L)	GWC-53	-0.02524	No	0.01	No	Mann-W
Copper (mg/L)	GWA-21 (bg)	-0.07052	No	0.01	No	Mann-W
Copper (mg/L)	GWA-22 (bg)	1.347	No	0.01	No	Mann-W
Copper (mg/L)	GWA-45 (bg)	1.046	No	0.01	No	Mann-W
Copper (mg/L)	GWA-47 (bg)	-1.467	No	0.01	No	Mann-W
Copper (mg/L)	GWA-48 (bg)	-0.7415	No	0.01	No	Mann-W
Copper (mg/L)	GWA-49 (bg)	-1.608	No	0.01	No	Mann-W
Copper (mg/L)	GWC-50	-0.07052	No	0.01	No	Mann-W
Copper (mg/L)	GWC-51	-1.608	No	0.01	No	Mann-W
Fluoride (mg/L)	GWA-21 (bg)	0.2628	No	0.01	No	Mann-W
Fluoride (mg/L)	GWA-22 (bg)	0.2627	No	0.01	No	Mann-W
Fluoride (mg/L)	GWA-45 (bg)	0.2625	No	0.01	No	Mann-W
Fluoride (mg/L)	GWA-46 (bg)	0.04981	No	0.01	No	Mann-W
Fluoride (mg/L)	GWA-47 (bg)	-0.08962	No	0.01	No	Mann-W
Fluoride (mg/L)	GWA-48 (bg)	0.3867	No	0.01	No	Mann-W
Fluoride (mg/L)	GWA-49 (bg)	-0.263	No	0.01	No	Mann-W
Fluoride (mg/L)	GWC-29	0.04383	No	0.01	No	Mann-W
Fluoride (mg/L)	GWC-50	0.2384	No	0.01	No	Mann-W
Fluoride (mg/L)	GWC-51	0.7153	No	0.01	No	Mann-W
Fluoride (mg/L)	GWC-52	-0.1344	No	0.01	No	Mann-W
Fluoride (mg/L)	GWC-53	-0.675	No	0.01	No	Mann-W
Lead (mg/L)	GWA-21 (bg)	-1.907	No	0.01	No	Mann-W
Lead (mg/L)	GWA-22 (bg)	1.662	No	0.01	No	Mann-W
Lead (mg/L)	GWA-45 (bg)	-0.08293	No	0.01	No	Mann-W
Lead (mg/L)	GWA-47 (bg)	0.3441	No	0.01	No	Mann-W
Lead (mg/L)	GWA-48 (bg)	0.3441	No	0.01	No	Mann-W
Lead (mg/L)	GWA-49 (bg)	-2.294	No	0.01	No	Mann-W
Lead (mg/L)	GWC-50	0.5805	No	0.01	No	Mann-W
Lead (mg/L)	GWC-51	0.2078	No	0.01	No	Mann-W
Lead (mg/L)	GWC-53	0.3441	No	0.01	No	Mann-W
Mercury (mg/L)	GWA-21 (bg)	0.7952	No	0.01	No	Mann-W
Mercury (mg/L)	GWA-22 (bg)	0.6918	No	0.01	No	Mann-W
Mercury (mg/L)	GWA-45 (bg)	0.6918	No	0.01	No	Mann-W
Mercury (mg/L)	GWA-46 (bg)	0.6919	No	0.01	No	Mann-W
Mercury (mg/L)	GWA-47 (bg)	0.7957	No	0.01	No	Mann-W
Mercury (mg/L)	GWA-48 (bg)	0.6918	No	0.01	No	Mann-W
Mercury (mg/L)	GWA-49 (bg)	0.6918	No	0.01	No	Mann-W
Mercury (mg/L)	GWC-29	0.6918	No	0.01	No	Mann-W
Mercury (mg/L)	GWC-50	0.6918	No	0.01	No	Mann-W
Mercury (mg/L)	GWC-51	0.4437	No	0.01	No	Mann-W
Mercury (mg/L)	GWC-52	-1.015	No	0.01	No	Mann-W
Mercury (mg/L)	GWC-53	0.5775	No	0.01	No	Mann-W
Nickel (mg/L)	GWA-21 (bg)	-1.309	No	0.01	No	Mann-W
Nickel (mg/L)	GWA-22 (bg)	-2.51	No	0.01	No	Mann-W
Nickel (mg/L)	GWA-45 (bg)	-1.739	No	0.01	No	Mann-W
Nickel (mg/L)	GWA-46 (bg)	-1.113	No	0.01	No	Mann-W

Welch's t-test/Mann-Whitney - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 6/10/2025, 11:36 AM

Constituent	Well	Calc.	0.01	Alpha	Sig.	Method
Nickel (mg/L)	GWA-47 (bg)	-1.455	No	0.01	No	Mann-W
Nickel (mg/L)	GWA-48 (bg)	-0.9989	No	0.01	No	Mann-W
Nickel (mg/L)	GWA-49 (bg)	-0.7261	No	0.01	No	Mann-W
Nickel (mg/L)	**GWC-29**	**-2.735**	**Yes**	**0.01**	**Yes**	**Mann-W**
Nickel (mg/L)	**GWC-50**	**3.341**	**Yes**	**0.01**	**Yes**	**Mann-W**
Nickel (mg/L)	GWC-51	1.969	No	0.01	No	Mann-W
Nickel (mg/L)	GWC-53	2.039	No	0.01	No	Mann-W
pH, Field (SU)	GWA-21 (bg)	0.04899	No	0.01	No	Mann-W
pH, Field (SU)	GWA-22 (bg)	1.915	No	0.01	No	Mann-W
pH, Field (SU)	GWA-45 (bg)	-1.392	No	0.01	No	Mann-W
pH, Field (SU)	GWA-46 (bg)	1.195	No	0.01	No	Mann-W
pH, Field (SU)	GWA-47 (bg)	0.9232	No	0.01	No	Mann-W
pH, Field (SU)	GWA-48 (bg)	1.025	No	0.01	No	Mann-W
pH, Field (SU)	GWA-49 (bg)	1.422	No	0.01	No	Mann-W
pH, Field (SU)	**GWC-29**	**2.763**	**Yes**	**0.01**	**Yes**	**Mann-W**
pH, Field (SU)	GWC-50	-0.1466	No	0.01	No	Mann-W
pH, Field (SU)	GWC-51	0.8183	No	0.01	No	Mann-W
pH, Field (SU)	GWC-52	-0.039	No	0.01	No	Mann-W
pH, Field (SU)	GWC-53	1.53	No	0.01	No	Mann-W
Selenium (mg/L)	GWA-22 (bg)	0.5775	No	0.01	No	Mann-W
Selenium (mg/L)	GWA-45 (bg)	-0.6506	No	0.01	No	Mann-W
Selenium (mg/L)	GWA-47 (bg)	0.2694	No	0.01	No	Mann-W
Selenium (mg/L)	GWA-48 (bg)	0.5872	No	0.01	No	Mann-W
Selenium (mg/L)	GWA-49 (bg)	0.6918	No	0.01	No	Mann-W
Selenium (mg/L)	GWC-29	0.4437	No	0.01	No	Mann-W
Selenium (mg/L)	GWC-50	0.4437	No	0.01	No	Mann-W
Selenium (mg/L)	GWC-52	-0.4342	No	0.01	No	Mann-W
Selenium (mg/L)	GWC-53	0.5775	No	0.01	No	Mann-W
Sulfate (mg/L)	GWA-21 (bg)	1.91	No	0.01	No	Mann-W
Sulfate (mg/L)	GWA-22 (bg)	1.657	No	0.01	No	Mann-W
Sulfate (mg/L)	GWA-45 (bg)	1.442	No	0.01	No	Mann-W
Sulfate (mg/L)	GWA-46 (bg)	-0.04478	No	0.01	No	Mann-W
Sulfate (mg/L)	GWA-47 (bg)	0.7153	No	0.01	No	Mann-W
Sulfate (mg/L)	GWA-48 (bg)	-0.2452	No	0.01	No	Mann-W
Sulfate (mg/L)	GWA-49 (bg)	0	No	0.01	No	Mann-W
Sulfate (mg/L)	**GWC-29**	**-2.904**	**Yes**	**0.01**	**Yes**	**Mann-W**
Sulfate (mg/L)	GWC-50	0.6411	No	0.01	No	Mann-W
Sulfate (mg/L)	**GWC-51**	**2.885**	**Yes**	**0.01**	**Yes**	**Mann-W**
Sulfate (mg/L)	**GWC-52**	**4.033**	**Yes**	**0.01**	**Yes**	**Mann-W**
Sulfate (mg/L)	**GWC-53**	**2.636**	**Yes**	**0.01**	**Yes**	**Mann-W**
TDS (mg/L)	GWA-21 (bg)	0.1224	No	0.01	No	Mann-W
TDS (mg/L)	GWA-22 (bg)	1.989	No	0.01	No	Mann-W
TDS (mg/L)	GWA-45 (bg)	1.199	No	0.01	No	Mann-W
TDS (mg/L)	GWA-46 (bg)	1.455	No	0.01	No	Mann-W
TDS (mg/L)	GWA-47 (bg)	2.317	No	0.01	No	Mann-W
TDS (mg/L)	GWA-48 (bg)	1.039	No	0.01	No	Mann-W
TDS (mg/L)	GWA-49 (bg)	1.337	No	0.01	No	Mann-W
TDS (mg/L)	GWC-29	1.66	No	0.01	No	Mann-W
TDS (mg/L)	GWC-50	0.2561	No	0.01	No	Mann-W
TDS (mg/L)	GWC-51	1.494	No	0.01	No	Mann-W
TDS (mg/L)	**GWC-52**	**3.175**	**Yes**	**0.01**	**Yes**	**Mann-W**
TDS (mg/L)	GWC-53	1.837	No	0.01	No	Mann-W
Thallium (mg/L)	GWA-21 (bg)	0.5775	No	0.01	No	Mann-W
Thallium (mg/L)	GWA-22 (bg)	0.4437	No	0.01	No	Mann-W
Thallium (mg/L)	GWA-45 (bg)	0.5775	No	0.01	No	Mann-W
Thallium (mg/L)	GWA-48 (bg)	0.4437	No	0.01	No	Mann-W
Thallium (mg/L)	GWC-50	0.2652	No	0.01	No	Mann-W
Thallium (mg/L)	GWC-51	0.2652	No	0.01	No	Mann-W
Vanadium (mg/L)	GWA-21 (bg)	1.658	No	0.01	No	Mann-W
Vanadium (mg/L)	GWA-22 (bg)	2.159	No	0.01	No	Mann-W
Vanadium (mg/L)	GWA-45 (bg)	-2.472	No	0.01	No	Mann-W
Vanadium (mg/L)	GWA-46 (bg)	-1.1	No	0.01	No	Mann-W
Vanadium (mg/L)	GWA-47 (bg)	-0.397	No	0.01	No	Mann-W
Vanadium (mg/L)	GWA-48 (bg)	1.369	No	0.01	No	Mann-W
Vanadium (mg/L)	GWA-49 (bg)	-0.0605	No	0.01	No	Mann-W
Vanadium (mg/L)	GWC-29	0.2065	No	0.01	No	Mann-W
Vanadium (mg/L)	GWC-50	-1.248	No	0.01	No	Mann-W
Vanadium (mg/L)	GWC-51	-1.121	No	0.01	No	Mann-W

Welch's t-test/Mann-Whitney - All Results

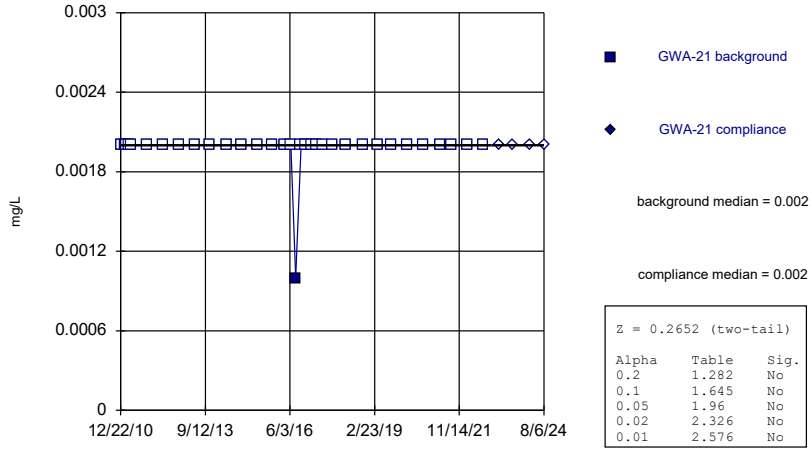
Plant Scherer Client: Southern Company Data: Scherer PAC Printed 6/10/2025, 11:36 AM

Constituent	Well	Calc.	0.01	Alpha	Sig.	Method
Vanadium (mg/L)	GWC-52	-2.302	No	0.01	No	Mann-W
Vanadium (mg/L)	GWC-53	-0.3193	No	0.01	No	Mann-W
Zinc (mg/L)	GWA-21 (bg)	0.4842	No	0.01	No	Mann-W
Zinc (mg/L)	GWA-22 (bg)	1.347	No	0.01	No	Mann-W
Zinc (mg/L)	GWA-45 (bg)	-0.1343	No	0.01	No	Mann-W
Zinc (mg/L)	GWA-46 (bg)	-1.467	No	0.01	No	Mann-W
Zinc (mg/L)	GWA-47 (bg)	0.1757	No	0.01	No	Mann-W
Zinc (mg/L)	GWA-48 (bg)	0.3539	No	0.01	No	Mann-W
Zinc (mg/L)	GWA-49 (bg)	0.4842	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-29	-0.4811	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-50	-1.564	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-51	-1.148	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-52	-0.6225	No	0.01	No	Mann-W
Zinc (mg/L)	GWC-53	0.1196	No	0.01	No	Mann-W

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Mann-Whitney (Wilcoxon Rank Sum)

GWA-21 (bg)



Z = 0.2652 (two-tail)

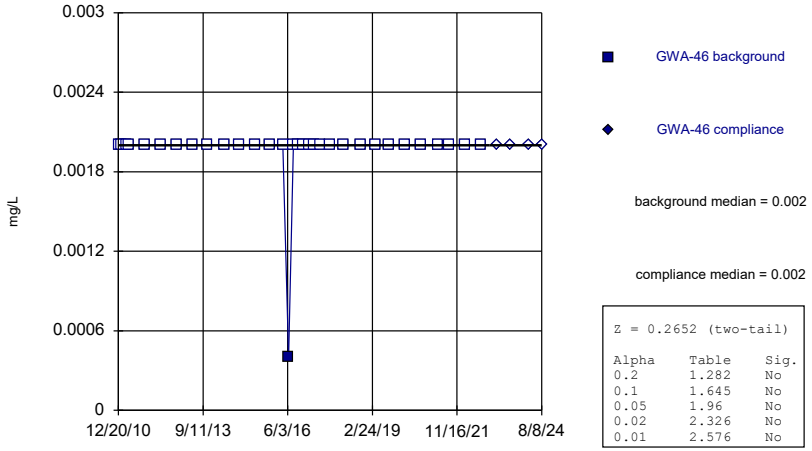
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0.01	2.576	No

Constituent: Antimony Analysis Run 6/10/2025 11:30 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-46 (bg)



Z = 0.2652 (two-tail)

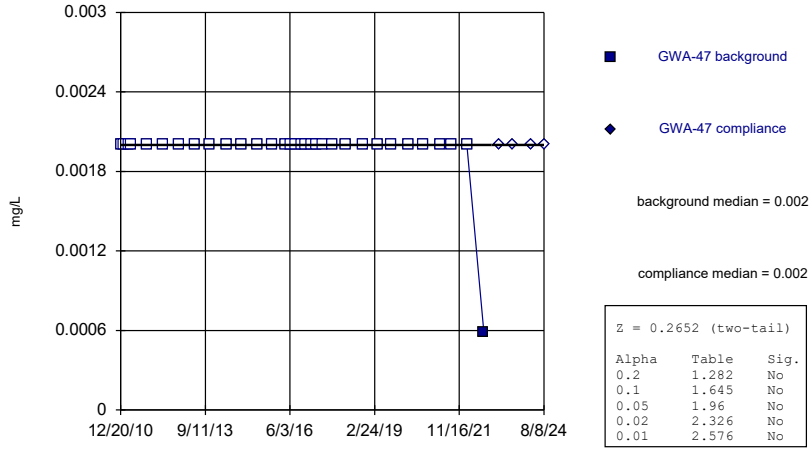
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Antimony Analysis Run 6/10/2025 11:30 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-47 (bg)



Z = 0.2652 (two-tail)

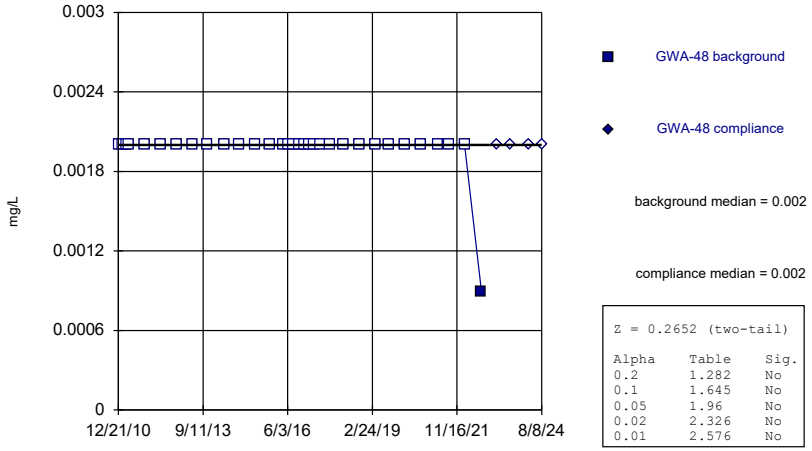
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Antimony Analysis Run 6/10/2025 11:30 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-48 (bg)



Z = 0.2652 (two-tail)

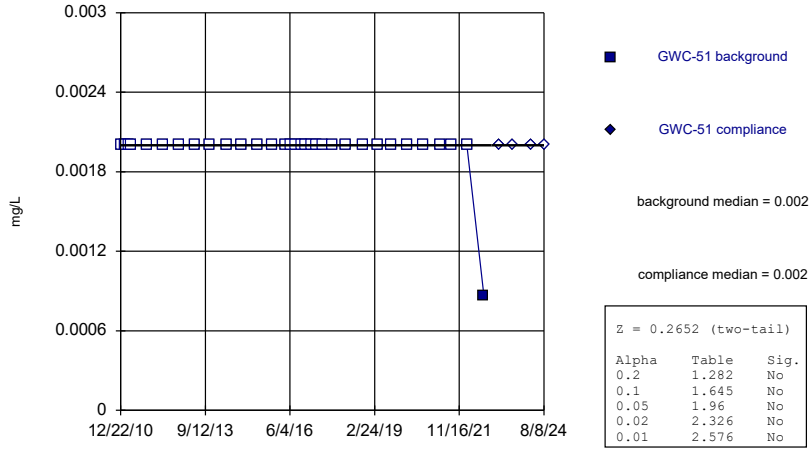
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Antimony Analysis Run 6/10/2025 11:30 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-51



Z = 0.2652 (two-tail)

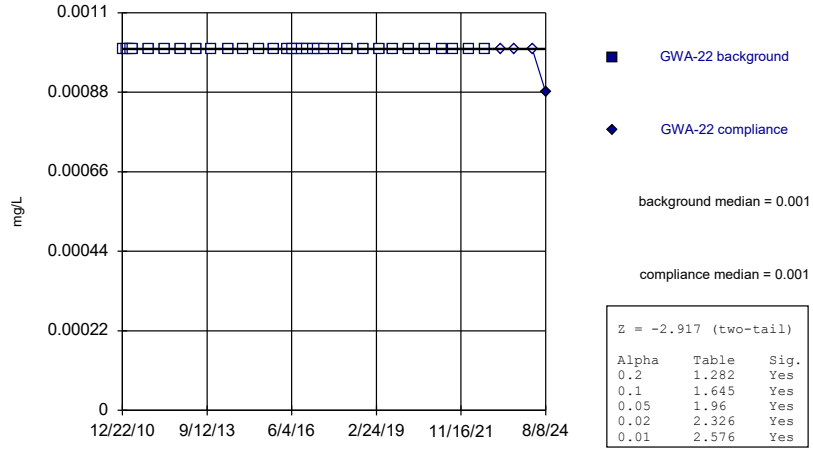
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Antimony Analysis Run 6/10/2025 11:30 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-22 (bg)



Z = -2.917 (two-tail)

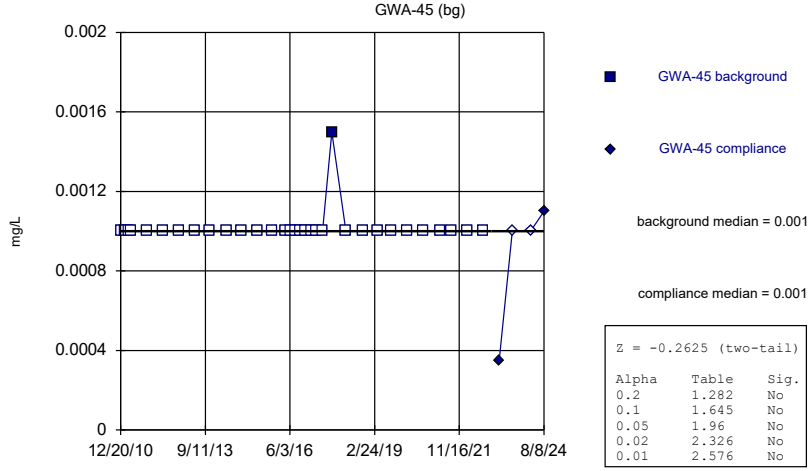
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Arsenic Analysis Run 6/10/2025 11:30 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-45 (bg)



Z = -0.2625 (two-tail)

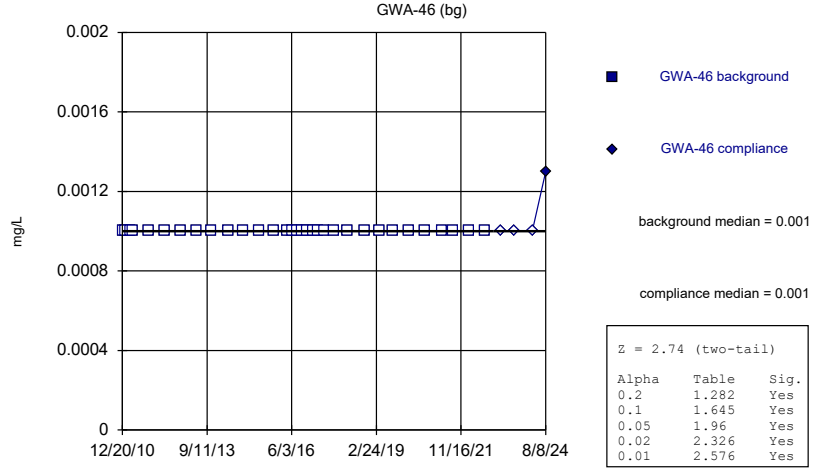
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Arsenic Analysis Run 6/10/2025 11:30 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-46 (bg)



Z = 2.74 (two-tail)

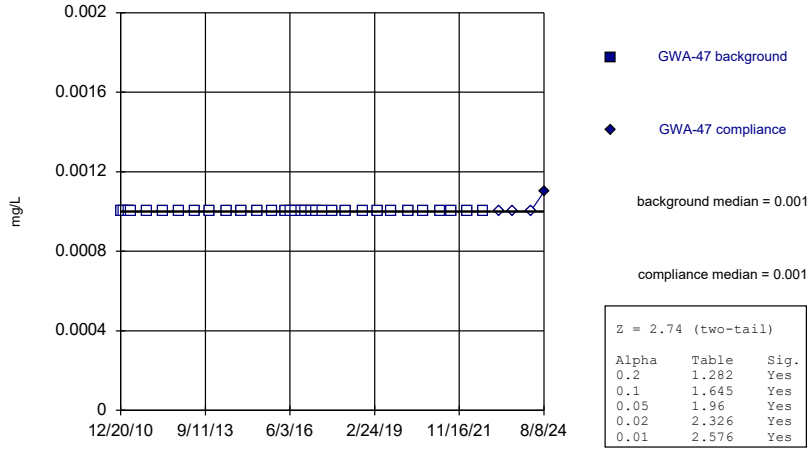
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Arsenic Analysis Run 6/10/2025 11:30 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-47 (bg)



Z = 2.74 (two-tail)

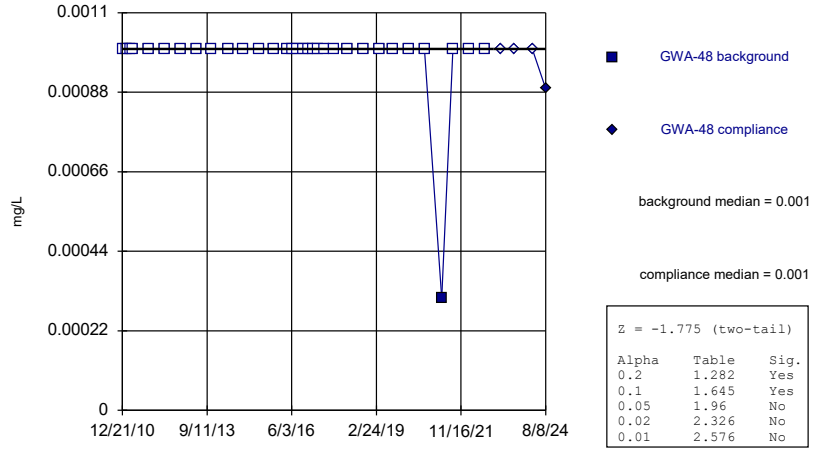
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Arsenic Analysis Run 6/10/2025 11:30 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-48 (bg)



Z = -1.775 (two-tail)

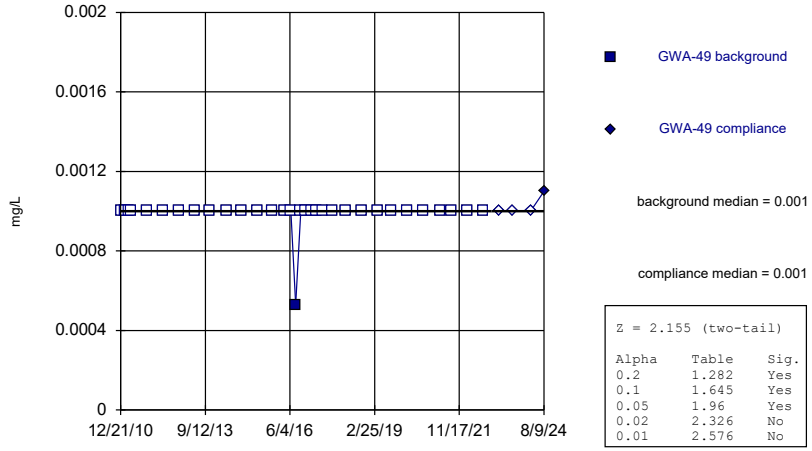
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Arsenic Analysis Run 6/10/2025 11:30 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-49 (bg)



Z = 2.155 (two-tail)

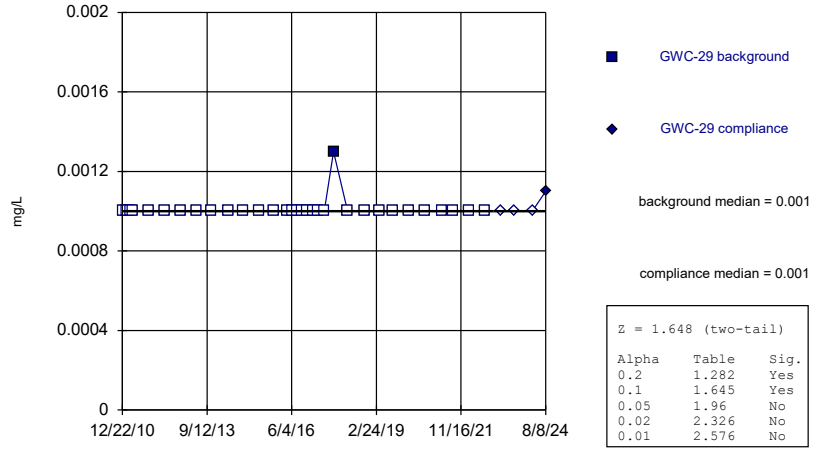
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	No
0.01	2.576	No

Constituent: Arsenic Analysis Run 6/10/2025 11:30 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-29



Z = 1.648 (two-tail)

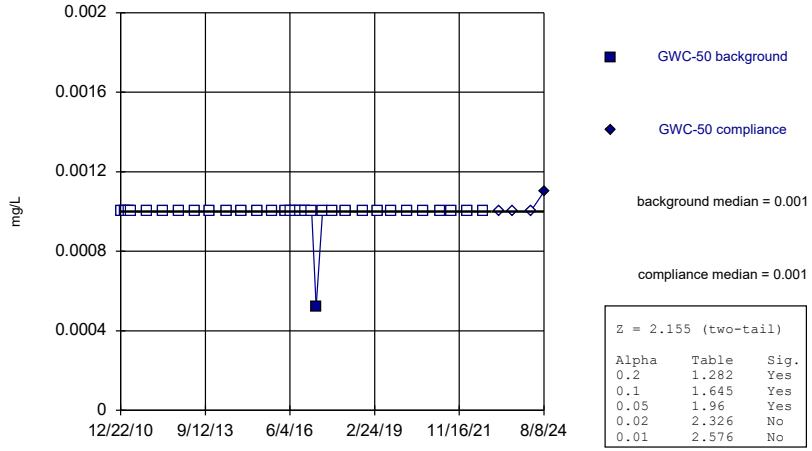
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Arsenic Analysis Run 6/10/2025 11:30 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-50



Z = 2.155 (two-tail)

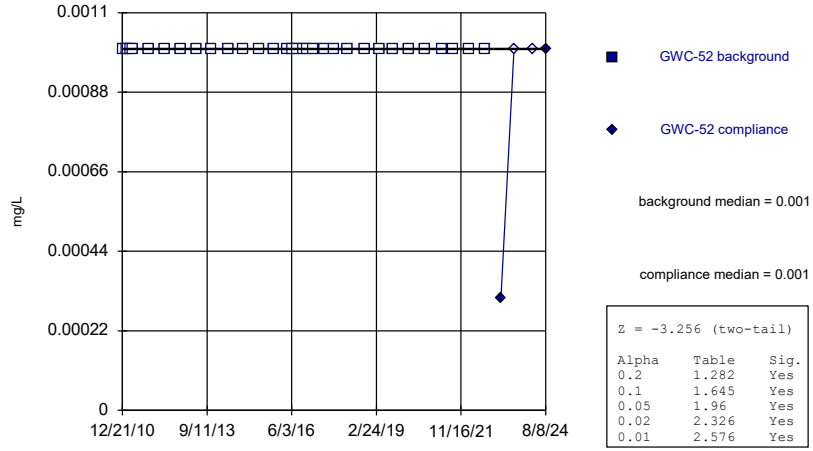
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	No
0.01	2.576	No

Constituent: Arsenic Analysis Run 6/10/2025 11:30 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-52



Z = -3.256 (two-tail)

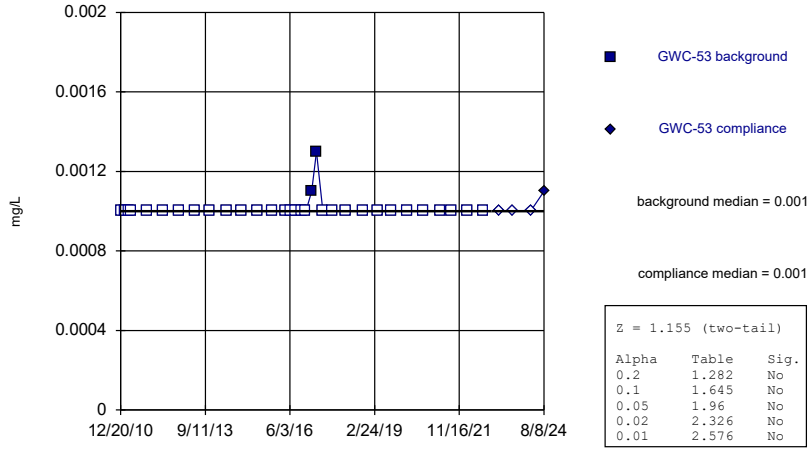
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Arsenic Analysis Run 6/10/2025 11:30 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-53



Z = 1.155 (two-tail)

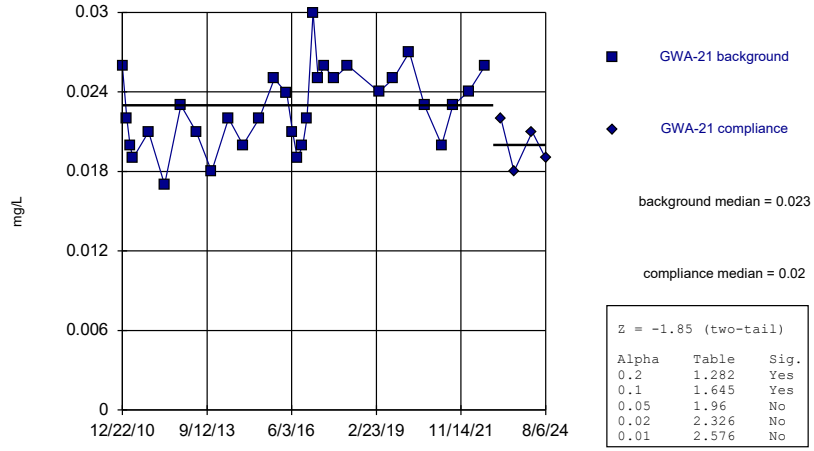
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Arsenic Analysis Run 6/10/2025 11:30 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Mann-Whitney (Wilcoxon Rank Sum)

GWA-21 (bg)



Z = -1.85 (two-tail)

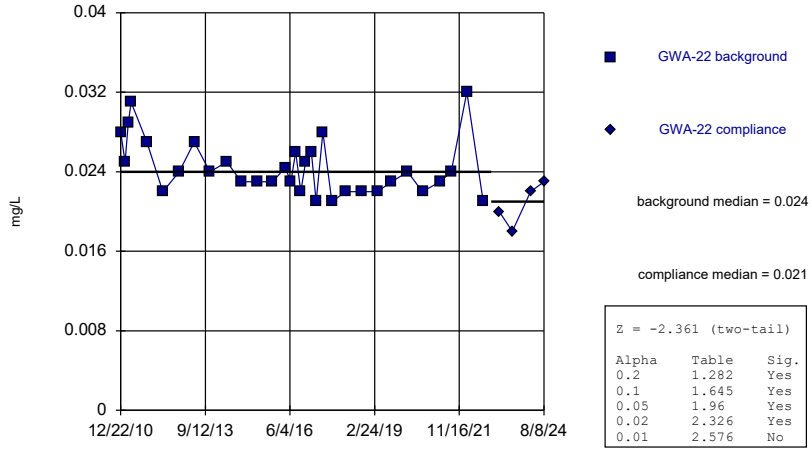
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Barium Analysis Run 6/10/2025 11:30 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Mann-Whitney (Wilcoxon Rank Sum)

GWA-22 (bg)



Z = -2.361 (two-tail)

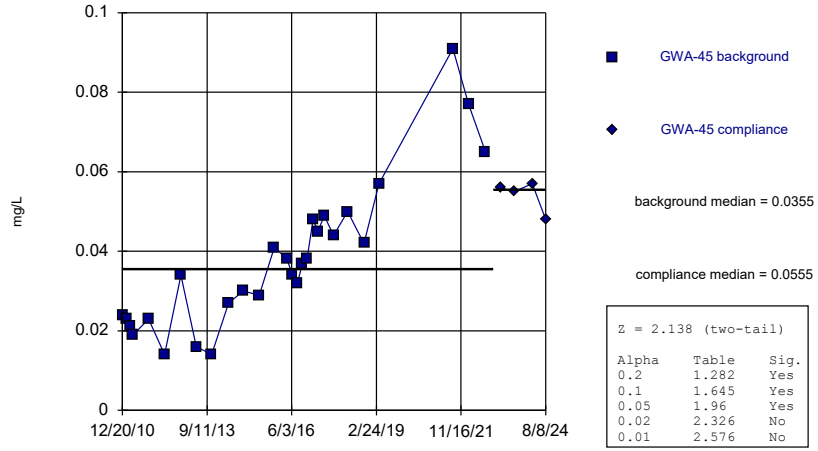
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	No

Constituent: Barium Analysis Run 6/10/2025 11:30 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Mann-Whitney (Wilcoxon Rank Sum)

GWA-45 (bg)



Z = 2.138 (two-tail)

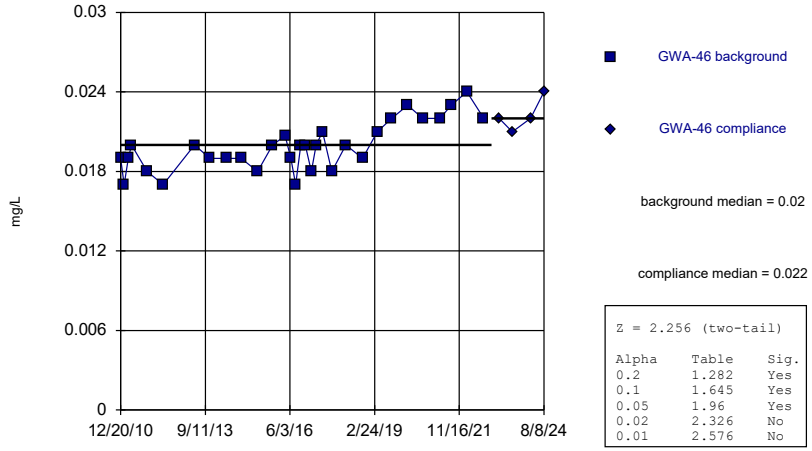
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	No
0.01	2.576	No

Constituent: Barium Analysis Run 6/10/2025 11:30 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Mann-Whitney (Wilcoxon Rank Sum)

GWA-46 (bg)



Z = 2.256 (two-tail)

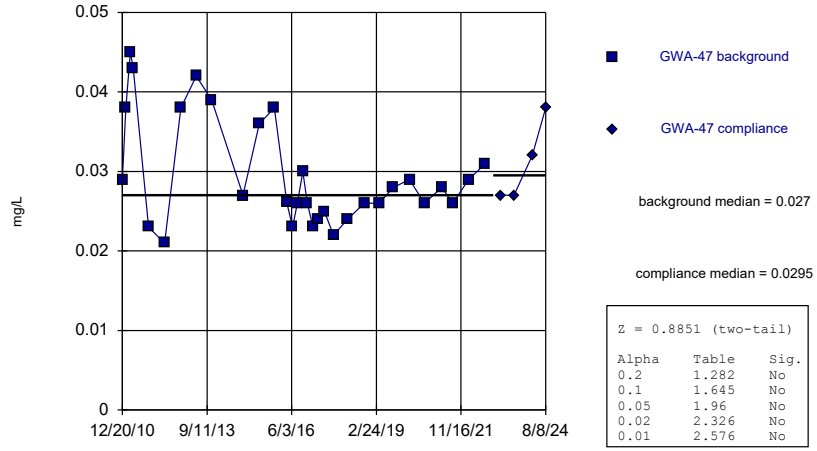
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	No
0.01	2.576	No

Constituent: Barium Analysis Run 6/10/2025 11:30 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Mann-Whitney (Wilcoxon Rank Sum)

GWA-47 (bg)



Z = 0.8851 (two-tail)

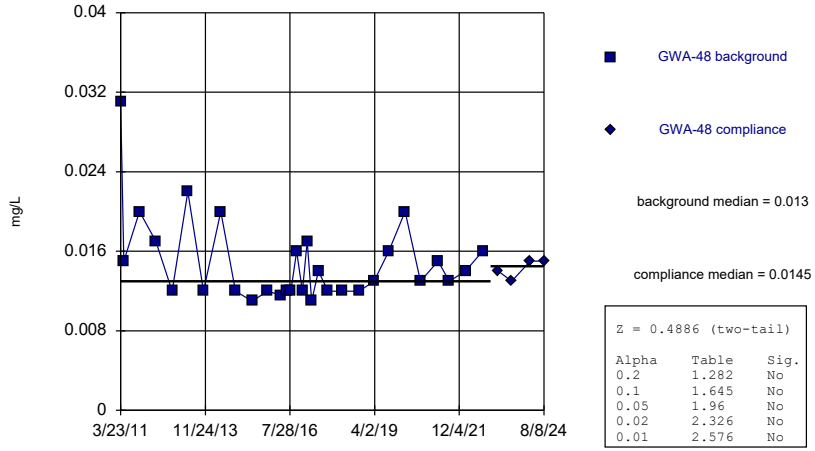
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Barium Analysis Run 6/10/2025 11:30 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Mann-Whitney (Wilcoxon Rank Sum)

GWA-48 (bg)



Z = 0.4886 (two-tail)

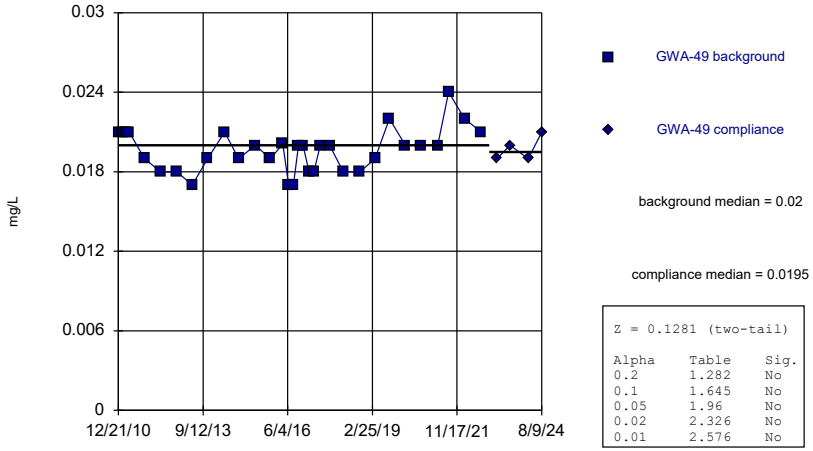
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Barium Analysis Run 6/10/2025 11:30 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Mann-Whitney (Wilcoxon Rank Sum)

GWA-49 (bg)



Z = 0.1281 (two-tail)

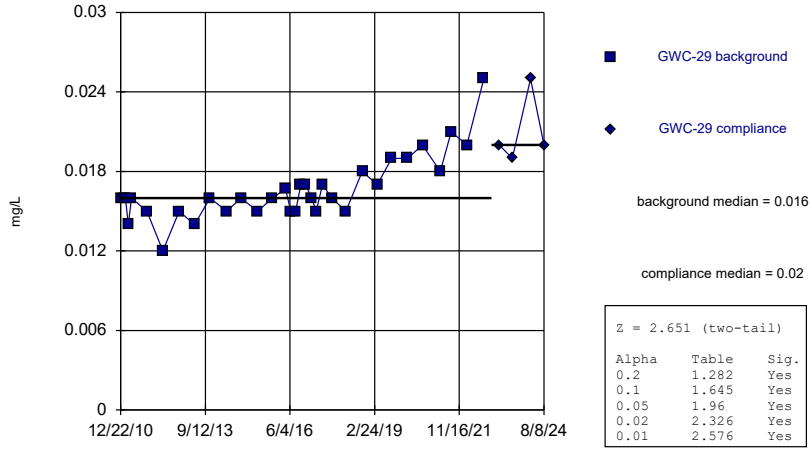
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Barium Analysis Run 6/10/2025 11:30 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Mann-Whitney (Wilcoxon Rank Sum)

GWC-29



Z = 2.651 (two-tail)

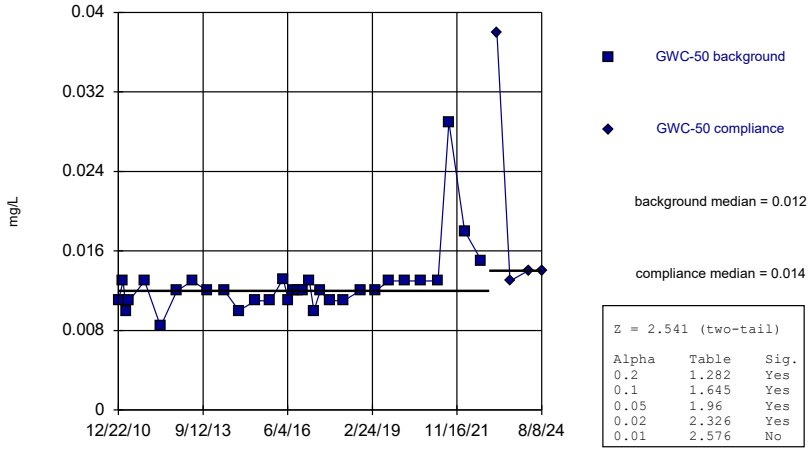
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Barium Analysis Run 6/10/2025 11:30 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Mann-Whitney (Wilcoxon Rank Sum)

GWC-50



Z = 2.541 (two-tail)

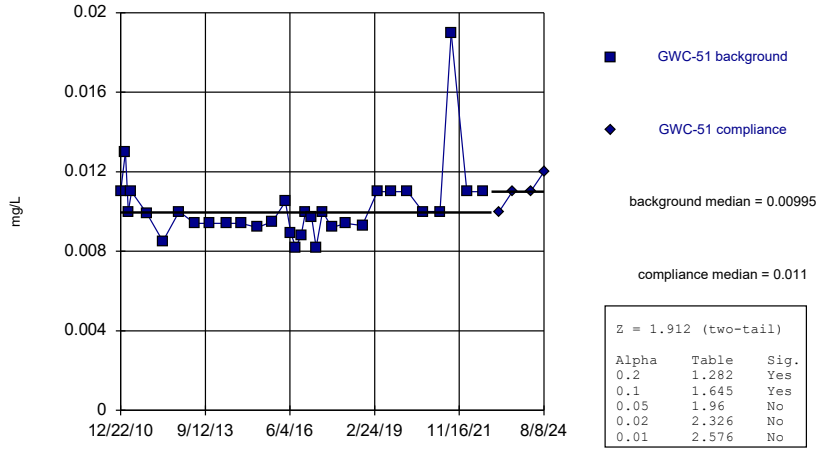
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	No

Constituent: Barium Analysis Run 6/10/2025 11:30 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Mann-Whitney (Wilcoxon Rank Sum)

GWC-51



Z = 1.912 (two-tail)

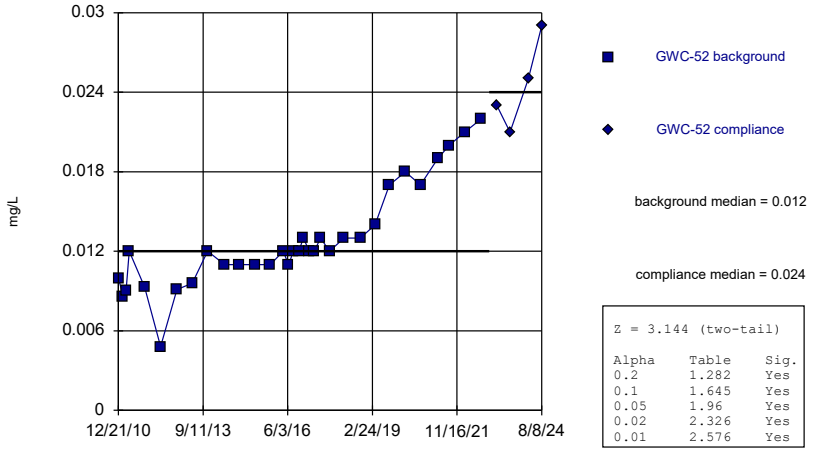
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Barium Analysis Run 6/10/2025 11:30 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Mann-Whitney (Wilcoxon Rank Sum)

GWC-52



Z = 3.144 (two-tail)

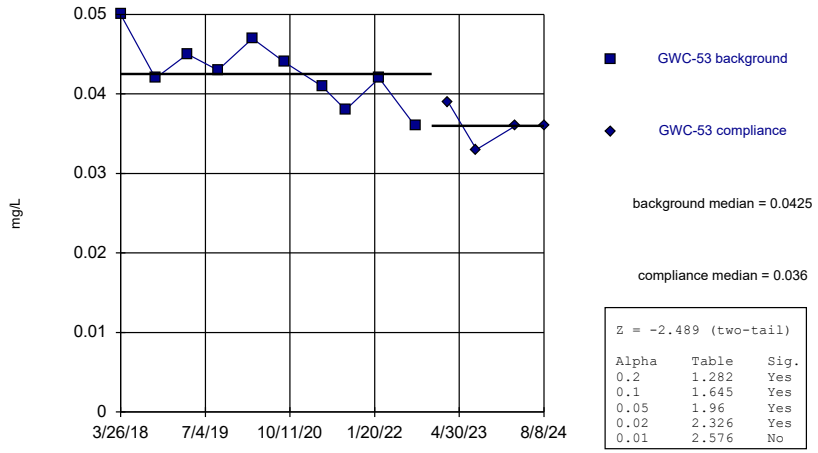
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Barium Analysis Run 6/10/2025 11:30 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Mann-Whitney (Wilcoxon Rank Sum)

GWC-53



Z = -2.489 (two-tail)

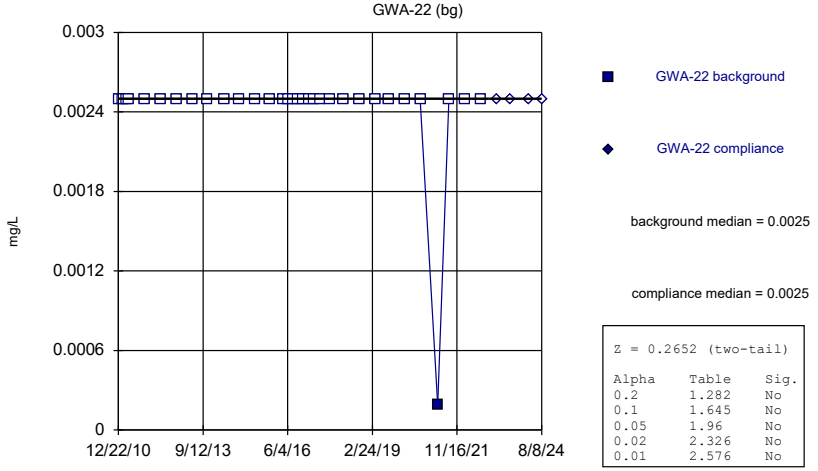
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	No

Constituent: Barium Analysis Run 6/10/2025 11:30 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-22 (bg)



Z = 0.2652 (two-tail)

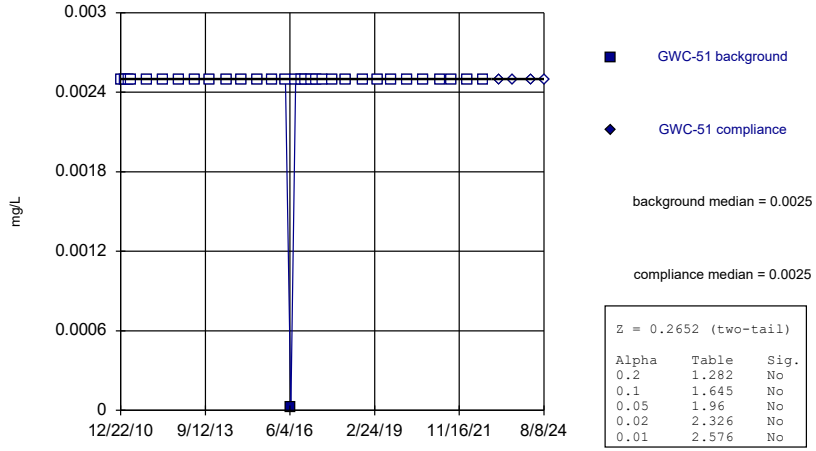
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Beryllium Analysis Run 6/10/2025 11:30 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-51



Z = 0.2652 (two-tail)

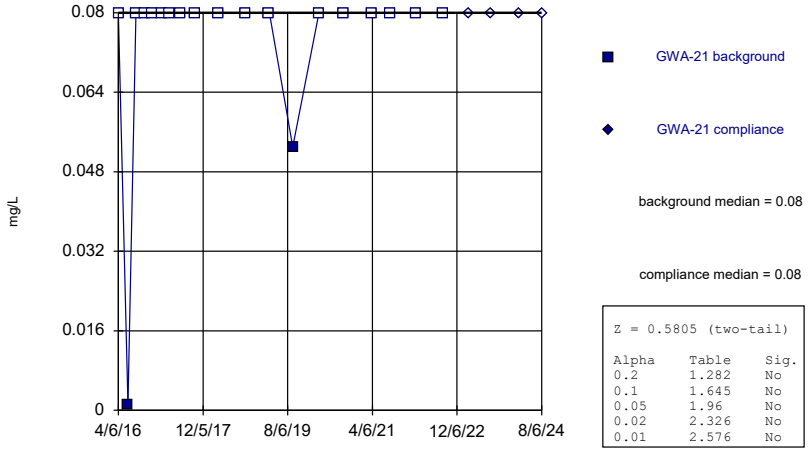
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Beryllium Analysis Run 6/10/2025 11:30 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-21 (bg)



Z = 0.5805 (two-tail)

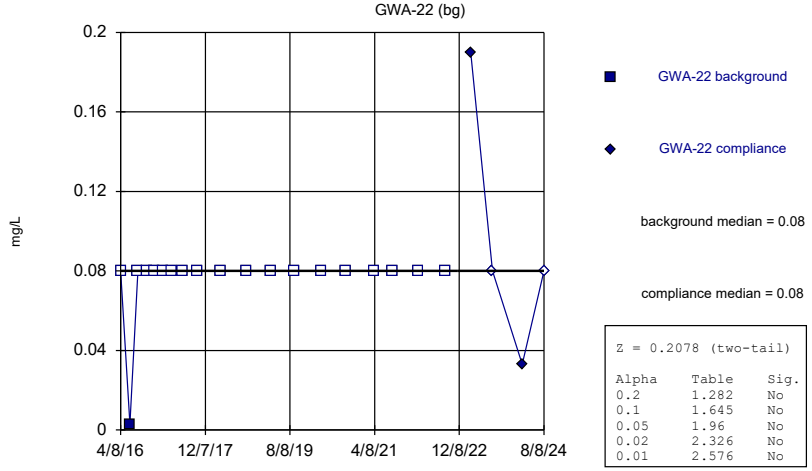
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Boron Analysis Run 6/10/2025 11:30 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-22 (bg)



Z = 0.2078 (two-tail)

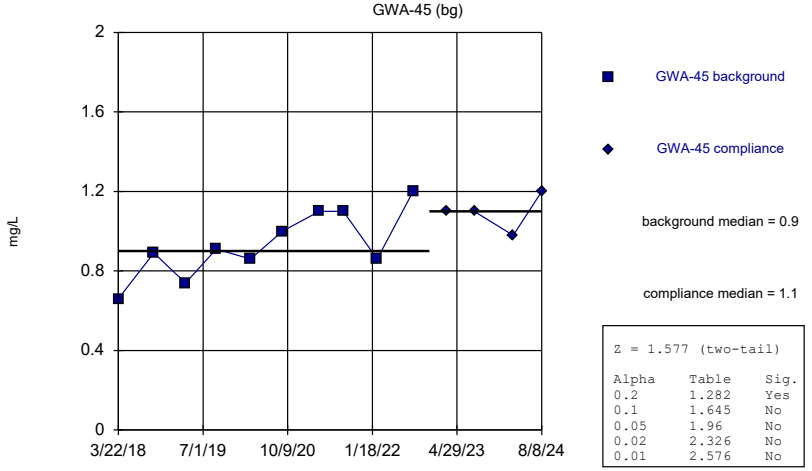
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Boron Analysis Run 6/10/2025 11:30 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Mann-Whitney (Wilcoxon Rank Sum)

GWA-45 (bg)



Z = 1.577 (two-tail)

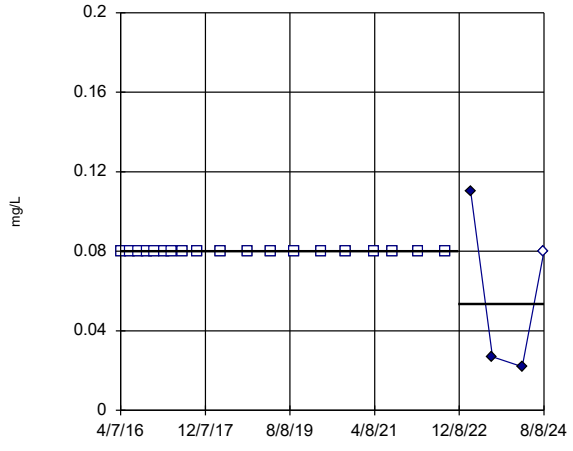
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Boron Analysis Run 6/10/2025 11:30 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-46 (bg)



GWA-46 background

GWA-46 compliance

background median = 0.08

compliance median = 0.0535

Z = -1.385 (two-tail)

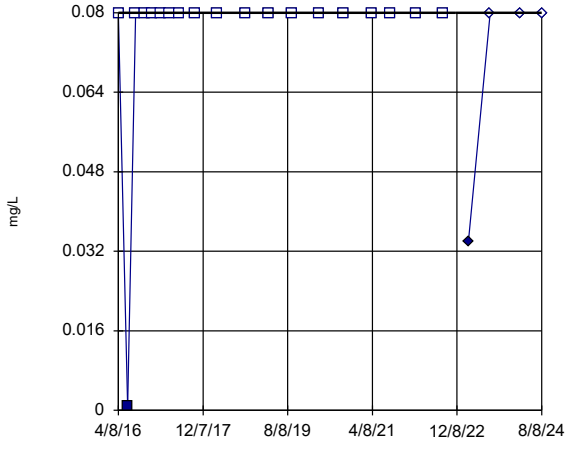
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Boron Analysis Run 6/10/2025 11:30 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-47 (bg)



GWA-47 background

GWA-47 compliance

background median = 0.08

compliance median = 0.08

Z = -1.244 (two-tail)

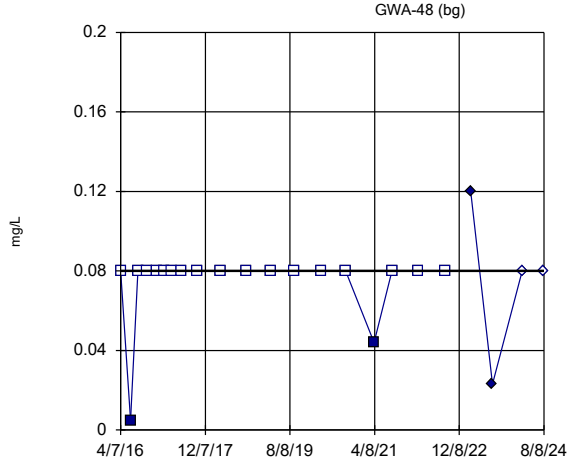
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Boron Analysis Run 6/10/2025 11:30 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-48 (bg)



GWA-48 background

GWA-48 compliance

background median = 0.08

compliance median = 0.08

Z = 0.3068 (two-tail)

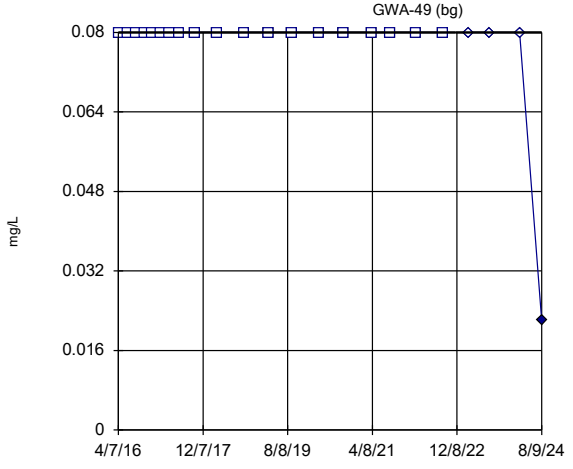
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Boron Analysis Run 6/10/2025 11:31 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-49 (bg)



GWA-49 background

GWA-49 compliance

background median = 0.08

compliance median = 0.08

Z = -2.294 (two-tail)

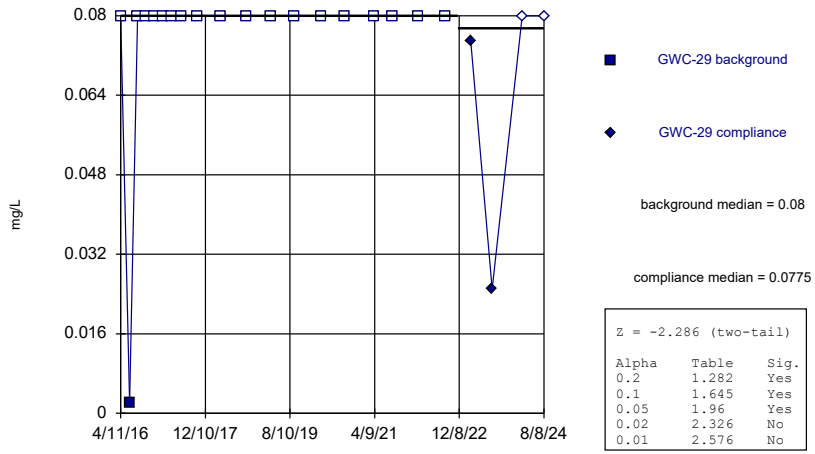
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	No
0.01	2.576	No

Constituent: Boron Analysis Run 6/10/2025 11:31 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-29



Z = -2.286 (two-tail)

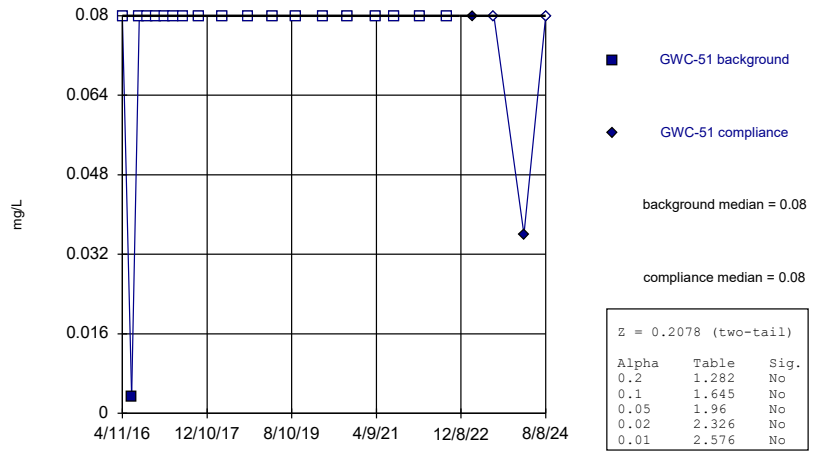
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	No
0.01	2.576	No

Constituent: Boron Analysis Run 6/10/2025 11:31 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-51



Z = 0.2078 (two-tail)

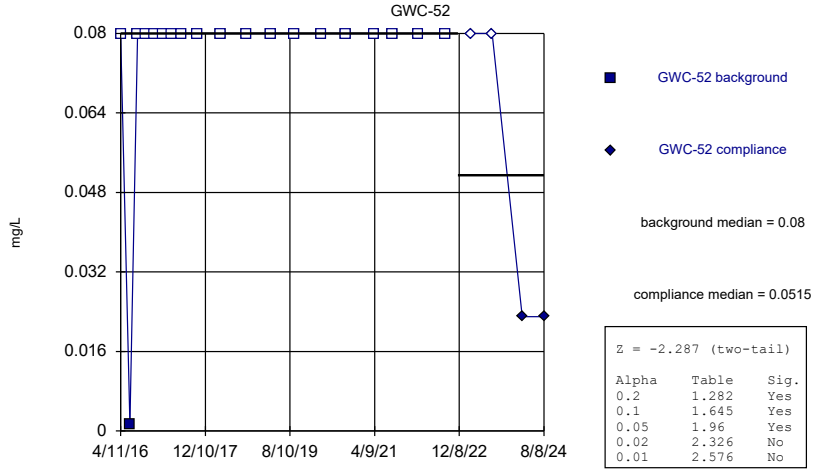
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Boron Analysis Run 6/10/2025 11:31 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-52



Z = -2.287 (two-tail)

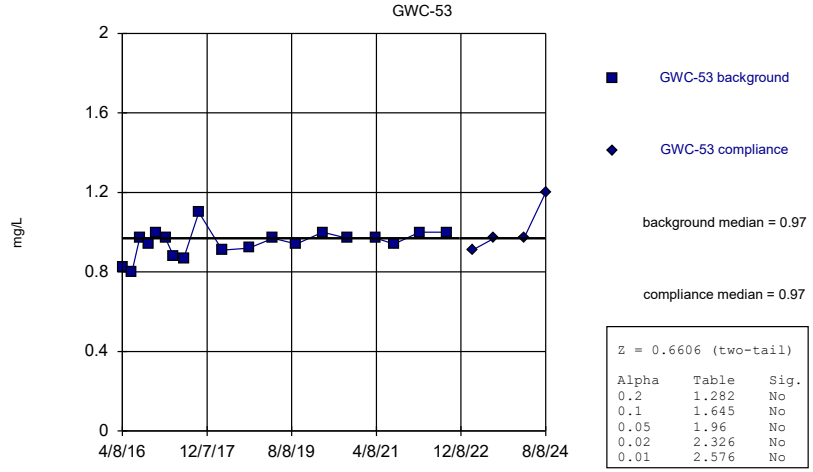
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	No
0.01	2.576	No

Constituent: Boron Analysis Run 6/10/2025 11:31 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-53



Z = 0.6606 (two-tail)

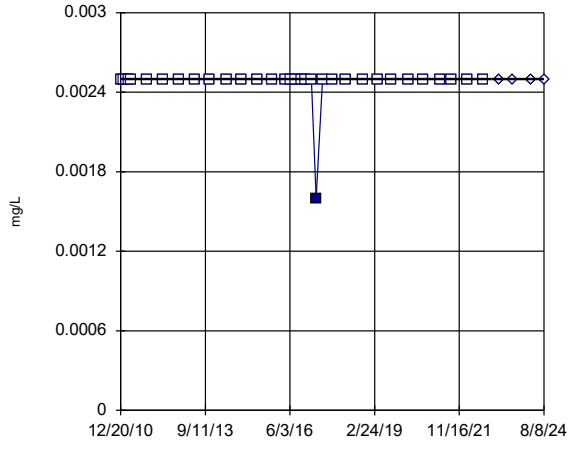
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Boron Analysis Run 6/10/2025 11:31 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-47 (bg)



GWA-47 background

GWA-47 compliance

background median = 0.0025

compliance median = 0.0025

Z = 0.2652 (two-tail)

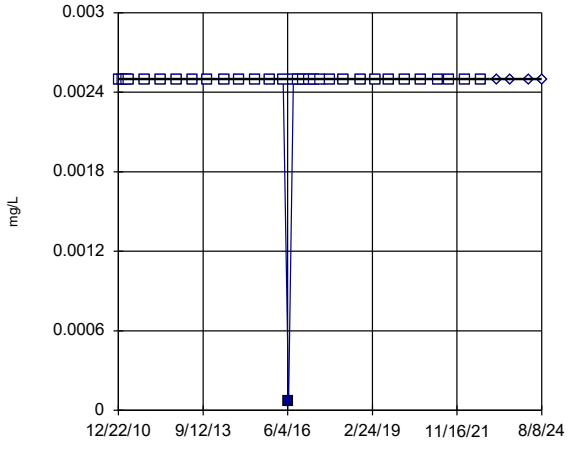
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Cadmium Analysis Run 6/10/2025 11:31 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-50



GWC-50 background

GWC-50 compliance

background median = 0.0025

compliance median = 0.0025

Z = 0.2652 (two-tail)

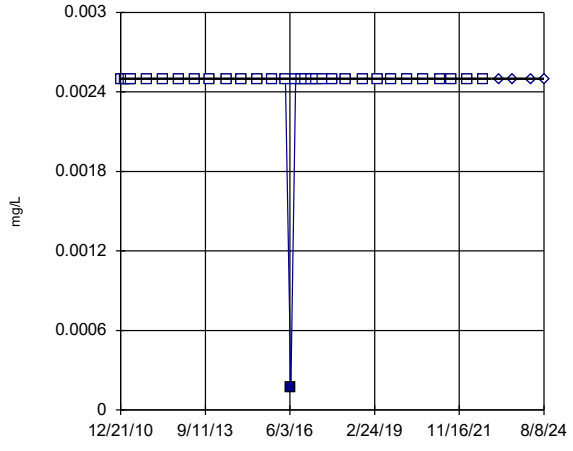
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Cadmium Analysis Run 6/10/2025 11:31 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-52



GWC-52 background

GWC-52 compliance

background median = 0.0025

compliance median = 0.0025

Z = 0.2652 (two-tail)

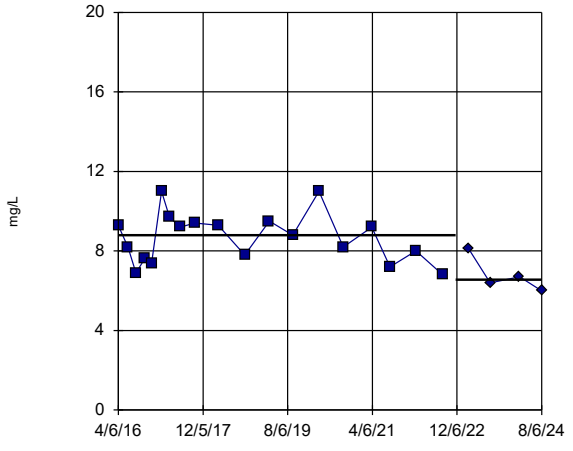
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Cadmium Analysis Run 6/10/2025 11:31 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Mann-Whitney (Wilcoxon Rank Sum)

GWA-21 (bg)



GWA-21 background

GWA-21 compliance

background median = 8.8

compliance median = 6.55

Z = -2.557 (two-tail)

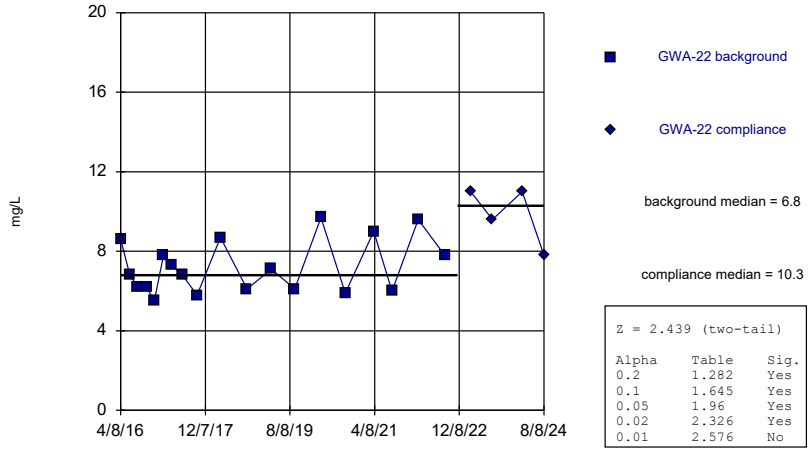
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	No

Constituent: Calcium Analysis Run 6/10/2025 11:31 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Mann-Whitney (Wilcoxon Rank Sum)

GWA-22 (bg)



Z = 2.439 (two-tail)

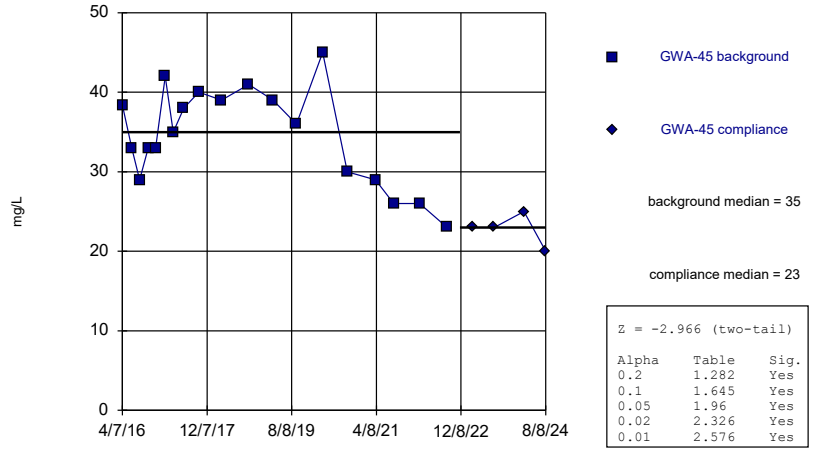
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	No

Constituent: Calcium Analysis Run 6/10/2025 11:31 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Mann-Whitney (Wilcoxon Rank Sum)

GWA-45 (bg)



Z = -2.966 (two-tail)

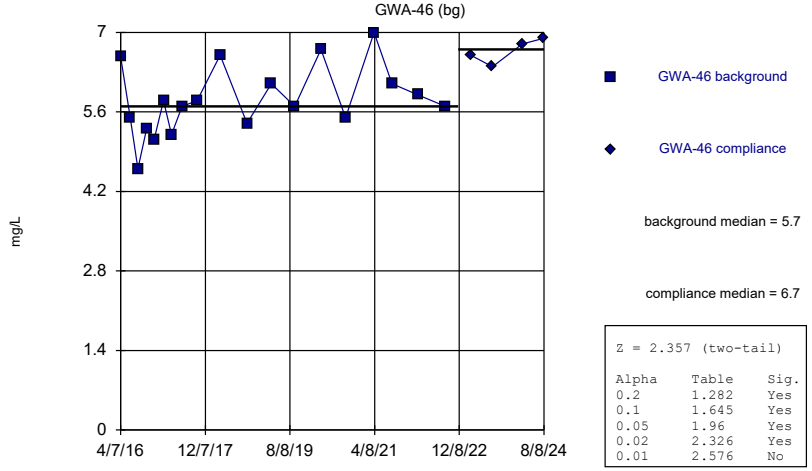
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Calcium Analysis Run 6/10/2025 11:31 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Mann-Whitney (Wilcoxon Rank Sum)

GWA-46 (bg)



Z = 2.357 (two-tail)

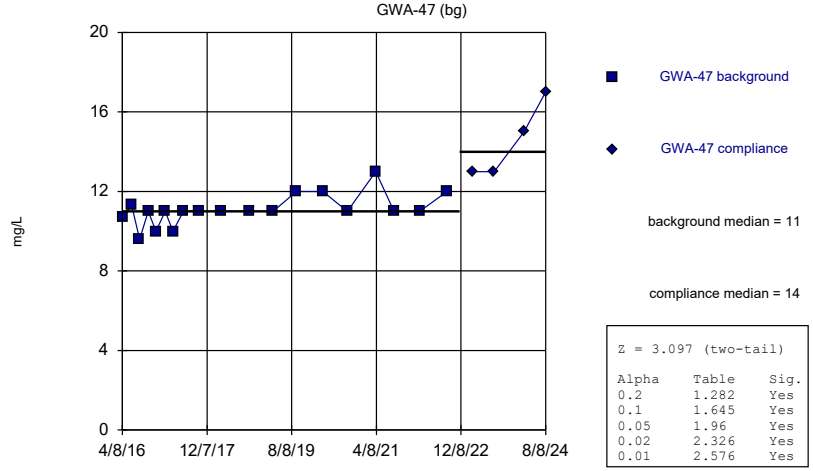
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	No

Constituent: Calcium Analysis Run 6/10/2025 11:31 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Mann-Whitney (Wilcoxon Rank Sum)

GWA-47 (bg)



Z = 3.097 (two-tail)

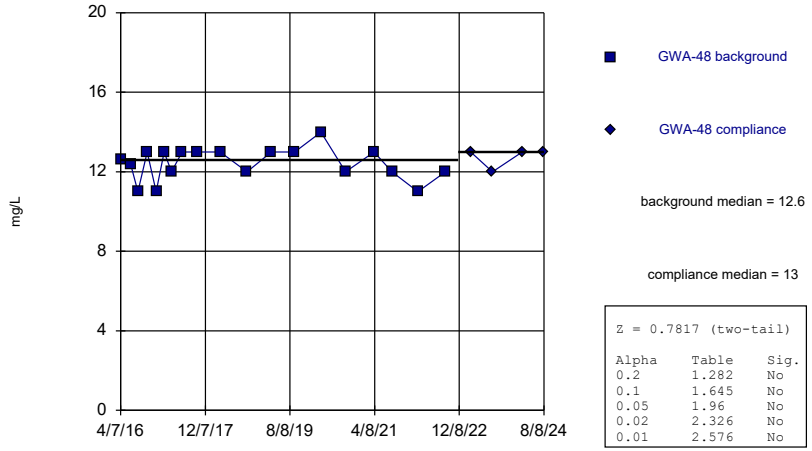
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Calcium Analysis Run 6/10/2025 11:31 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Mann-Whitney (Wilcoxon Rank Sum)

GWA-48 (bg)



background median = 12.6

compliance median = 13

Z = 0.7817 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

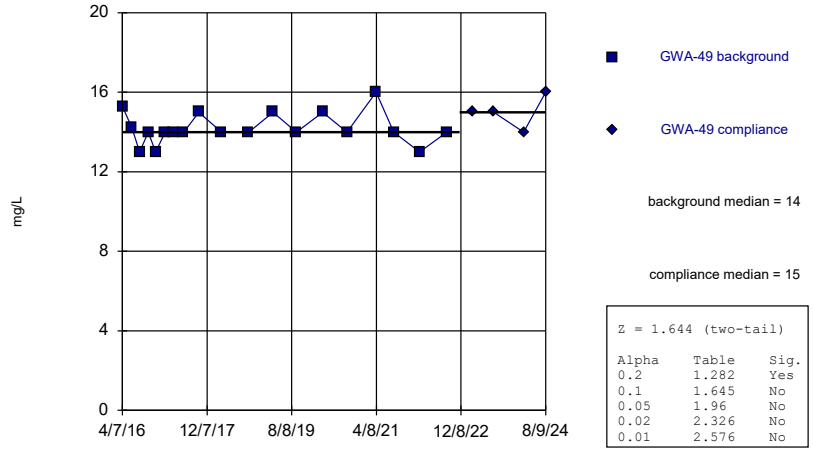
Constituent: Calcium Analysis Run 6/10/2025 11:31 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

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Mann-Whitney (Wilcoxon Rank Sum)

GWA-49 (bg)



background median = 14

compliance median = 15

Z = 1.644 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

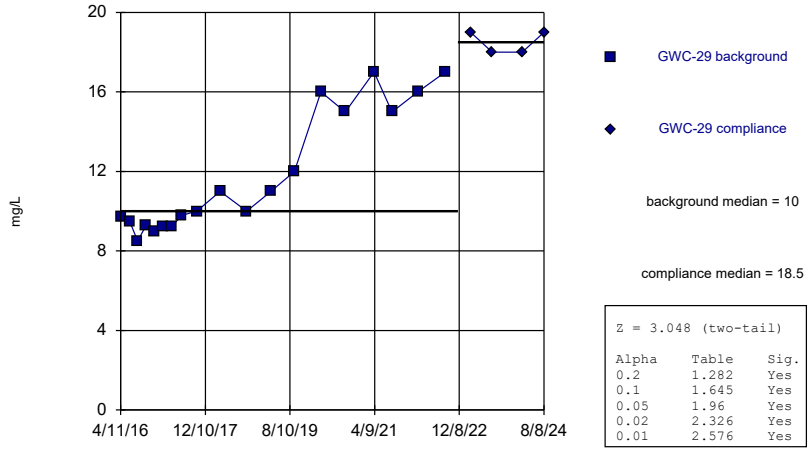
Constituent: Calcium Analysis Run 6/10/2025 11:31 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Mann-Whitney (Wilcoxon Rank Sum)

GWC-29



background median = 10

compliance median = 18.5

Z = 3.048 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

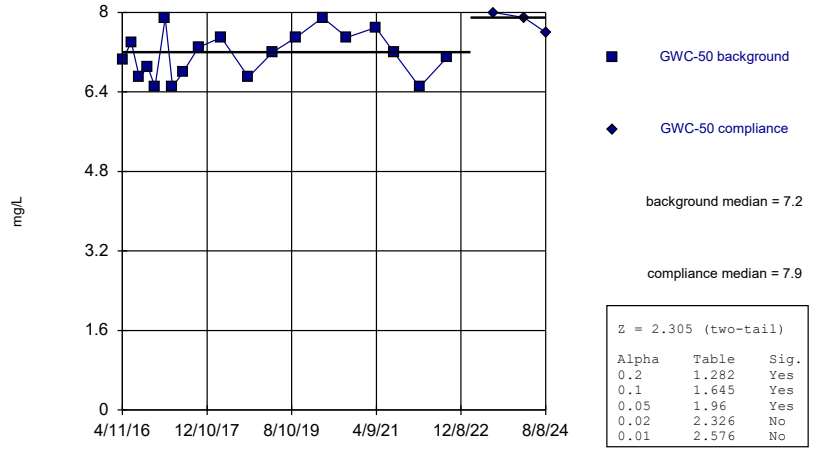
Constituent: Calcium Analysis Run 6/10/2025 11:31 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-50



background median = 7.2

compliance median = 7.9

Z = 2.305 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	No
0.01	2.576	No

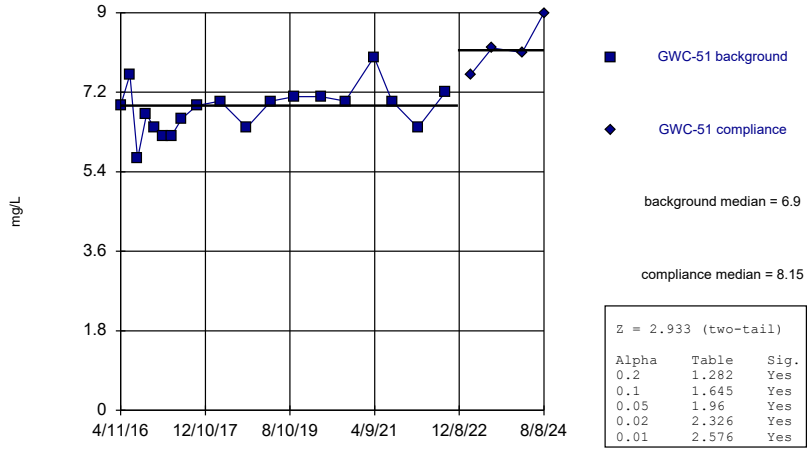
Constituent: Calcium Analysis Run 6/10/2025 11:31 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Mann-Whitney (Wilcoxon Rank Sum)

GWC-51



Z = 2.933 (two-tail)

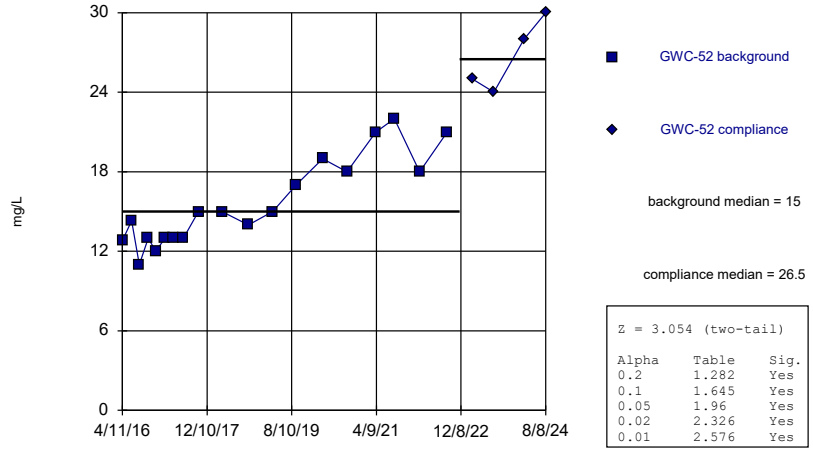
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Calcium Analysis Run 6/10/2025 11:31 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Mann-Whitney (Wilcoxon Rank Sum)

GWC-52



Z = 3.054 (two-tail)

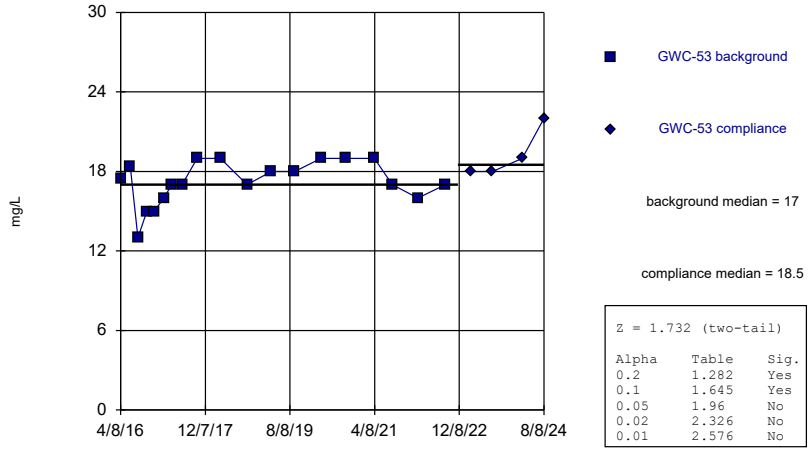
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Calcium Analysis Run 6/10/2025 11:31 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-53



Z = 1.732 (two-tail)

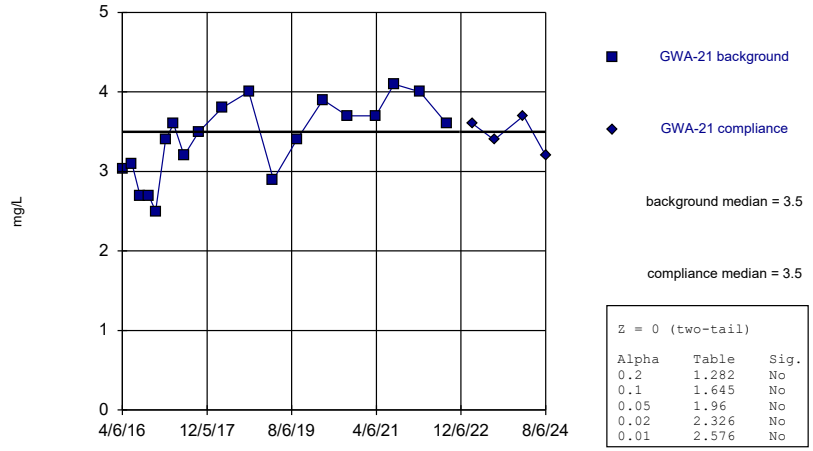
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Calcium Analysis Run 6/10/2025 11:31 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Mann-Whitney (Wilcoxon Rank Sum)

GWA-21 (bg)



Z = 0 (two-tail)

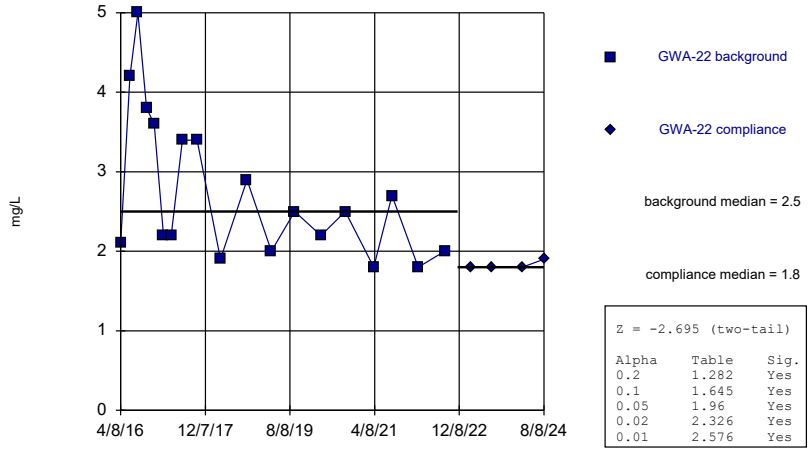
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Chloride Analysis Run 6/10/2025 11:31 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Mann-Whitney (Wilcoxon Rank Sum)

GWA-22 (bg)



Z = -2.695 (two-tail)

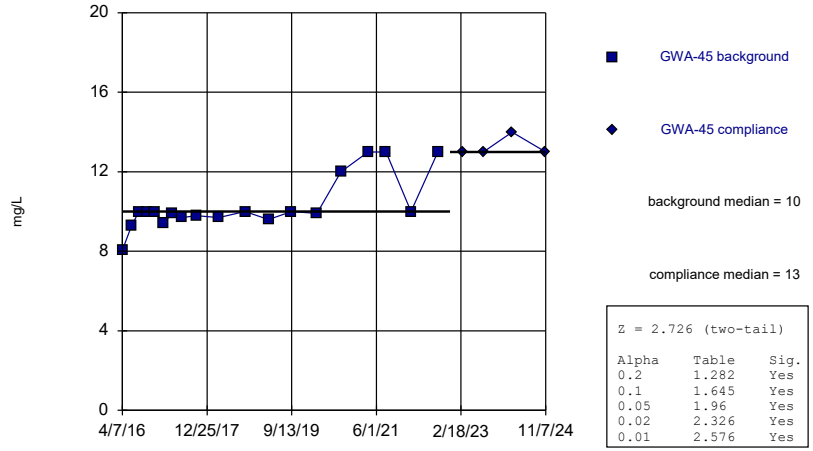
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Chloride Analysis Run 6/10/2025 11:31 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Mann-Whitney (Wilcoxon Rank Sum)

GWA-45 (bg)



Z = 2.726 (two-tail)

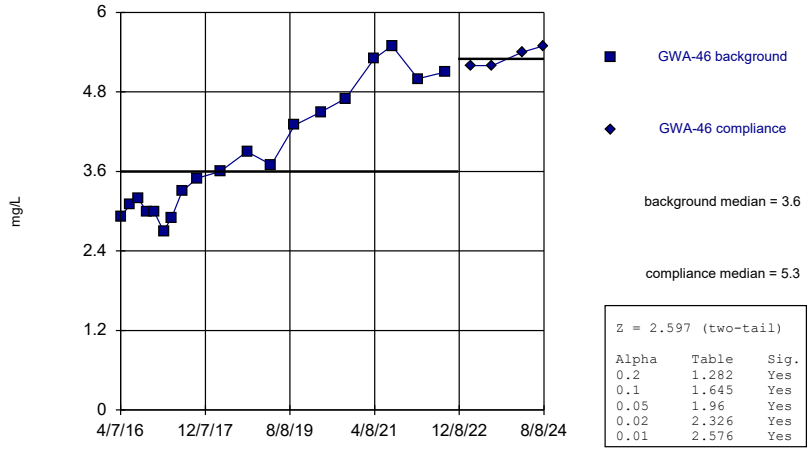
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Chloride Analysis Run 6/10/2025 11:31 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Mann-Whitney (Wilcoxon Rank Sum)

GWA-46 (bg)



Z = 2.597 (two-tail)

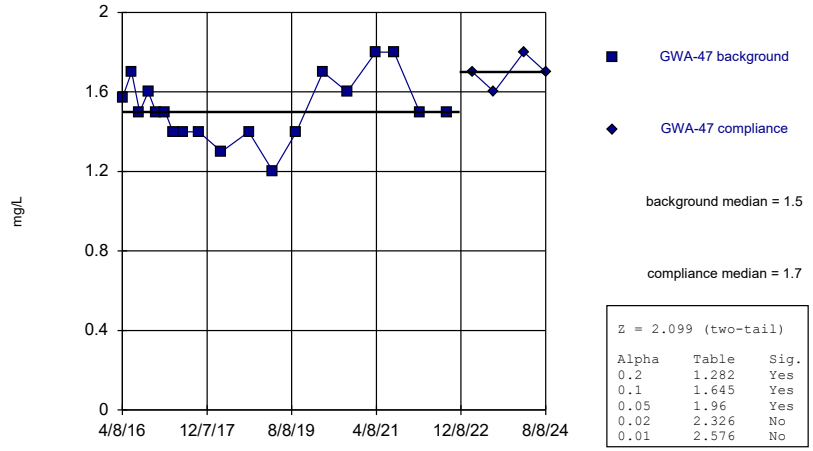
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Chloride Analysis Run 6/10/2025 11:31 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Mann-Whitney (Wilcoxon Rank Sum)

GWA-47 (bg)



Z = 2.099 (two-tail)

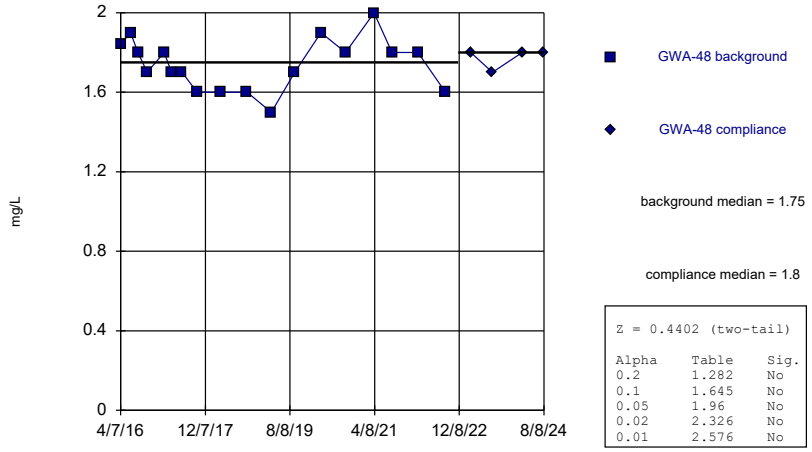
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	No
0.01	2.576	No

Constituent: Chloride Analysis Run 6/10/2025 11:31 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Mann-Whitney (Wilcoxon Rank Sum)

GWA-48 (bg)



background median = 1.75

compliance median = 1.8

Z = 0.4402 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

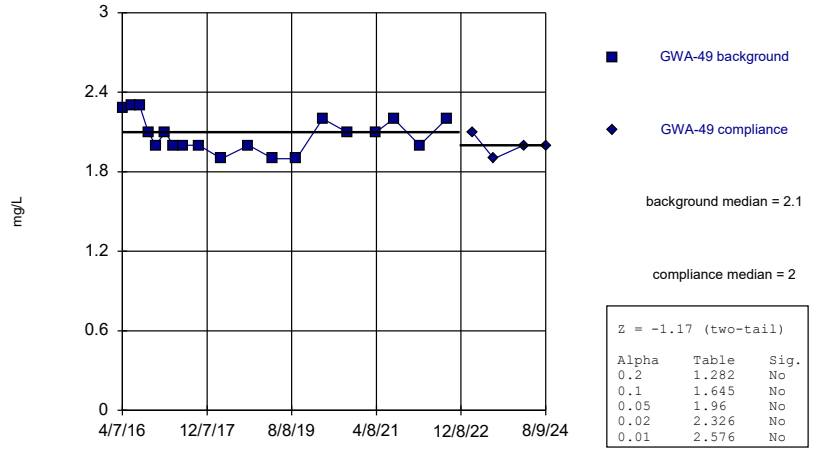
Constituent: Chloride Analysis Run 6/10/2025 11:31 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

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Mann-Whitney (Wilcoxon Rank Sum)

GWA-49 (bg)



background median = 2.1

compliance median = 2

Z = -1.17 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

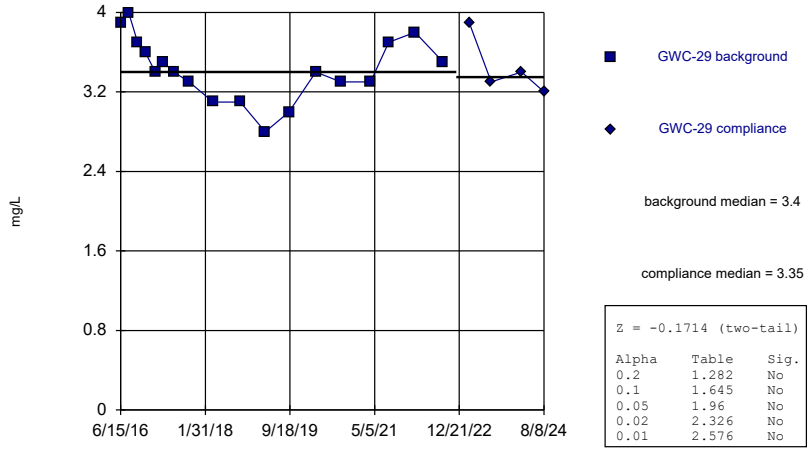
Constituent: Chloride Analysis Run 6/10/2025 11:31 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-29



background median = 3.4

compliance median = 3.35

Z = -0.1714 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

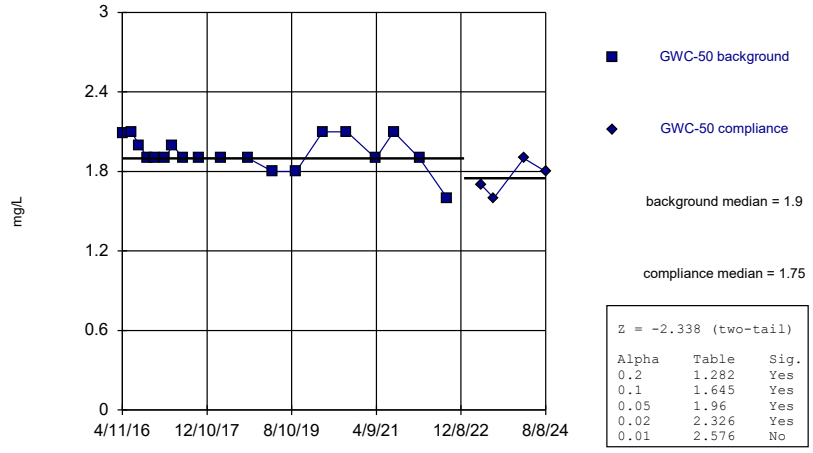
Constituent: Chloride Analysis Run 6/10/2025 11:31 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-50



background median = 1.9

compliance median = 1.75

Z = -2.338 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	No

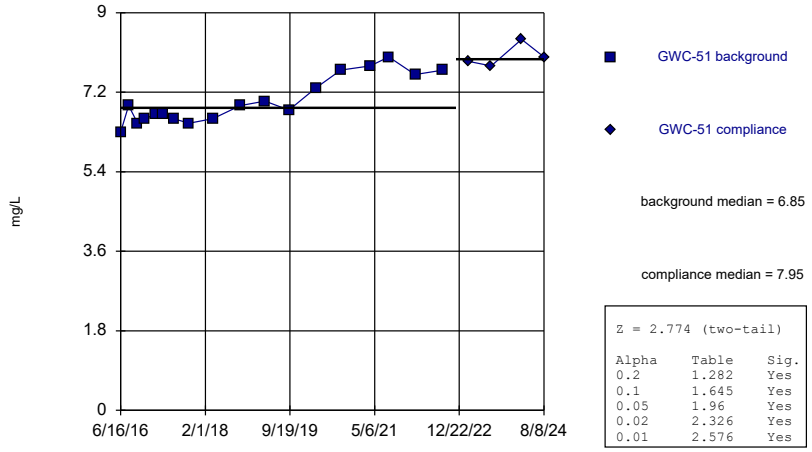
Constituent: Chloride Analysis Run 6/10/2025 11:31 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-51

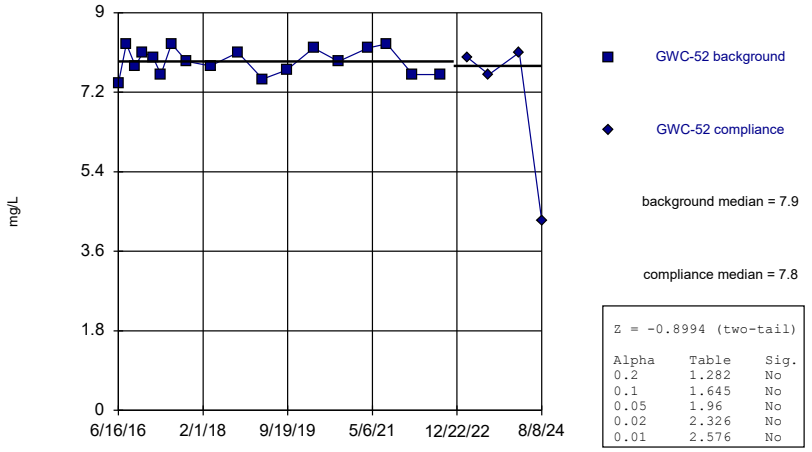


Constituent: Chloride Analysis Run 6/10/2025 11:31 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-52

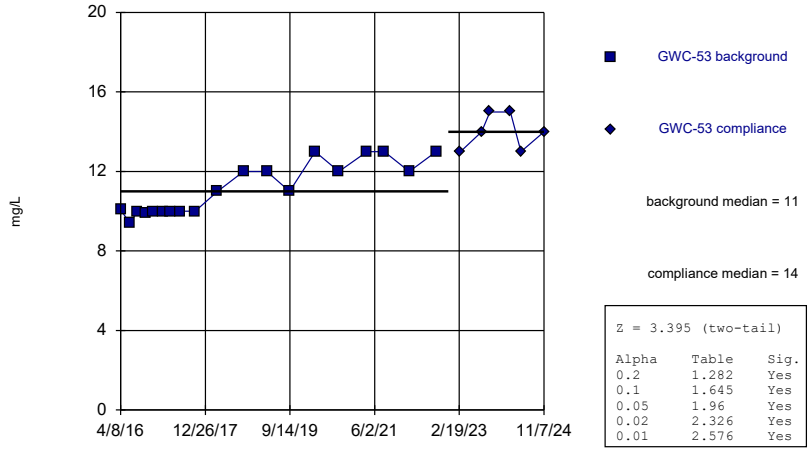


Constituent: Chloride Analysis Run 6/10/2025 11:31 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-53

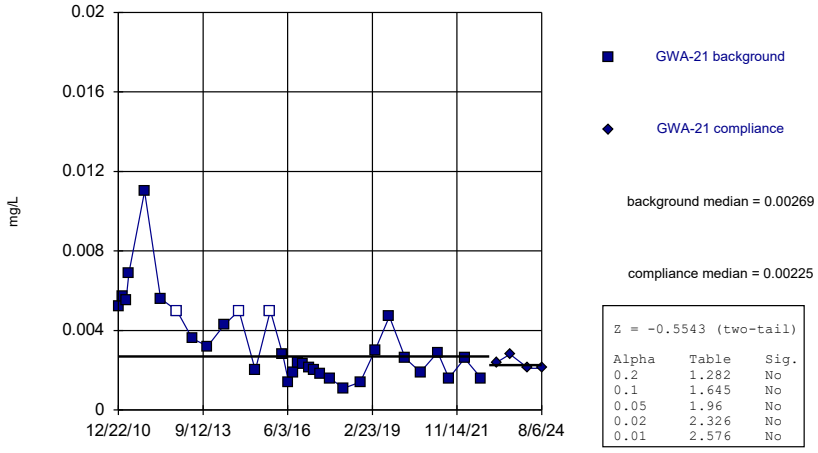


Constituent: Chloride Analysis Run 6/10/2025 11:31 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-21 (bg)

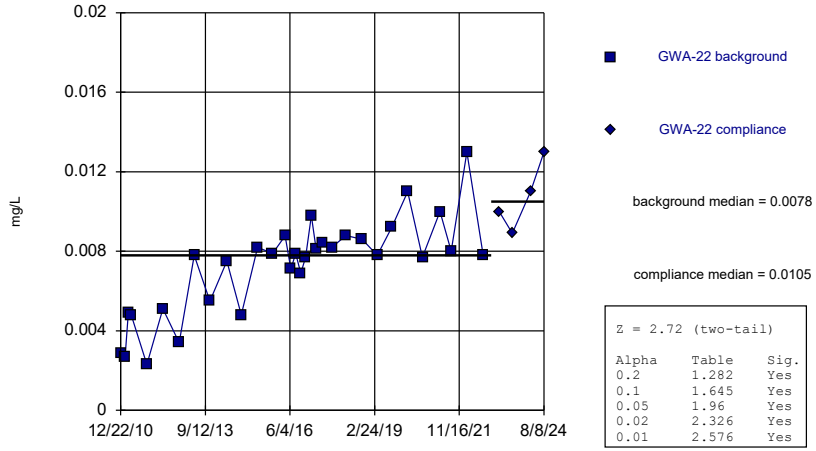


Constituent: Chromium Analysis Run 6/10/2025 11:31 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Mann-Whitney (Wilcoxon Rank Sum)

GWA-22 (bg)



Z = 2.72 (two-tail)

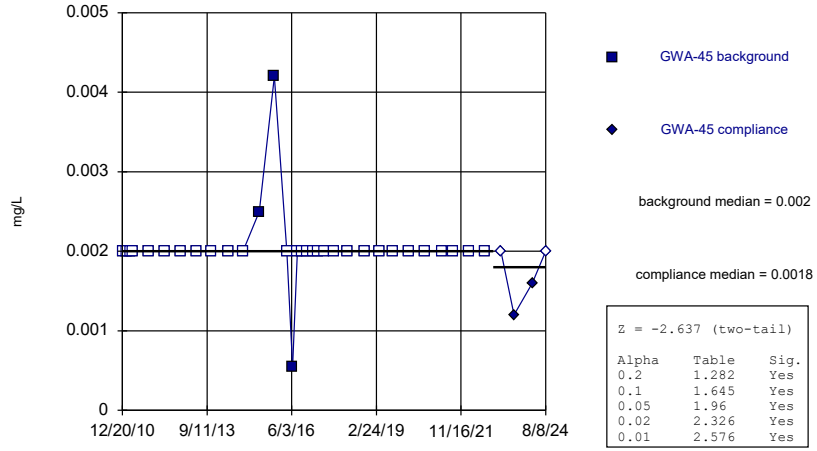
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Chromium Analysis Run 6/10/2025 11:31 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-45 (bg)



Z = -2.637 (two-tail)

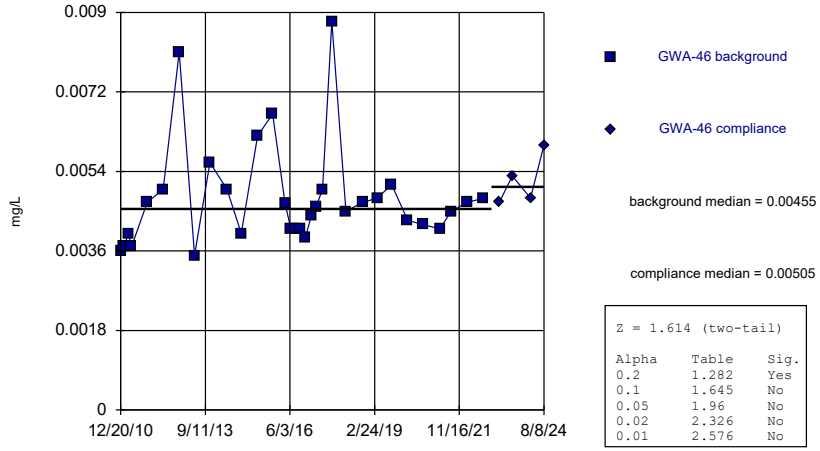
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Chromium Analysis Run 6/10/2025 11:31 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Mann-Whitney (Wilcoxon Rank Sum)

GWA-46 (bg)



Z = 1.614 (two-tail)

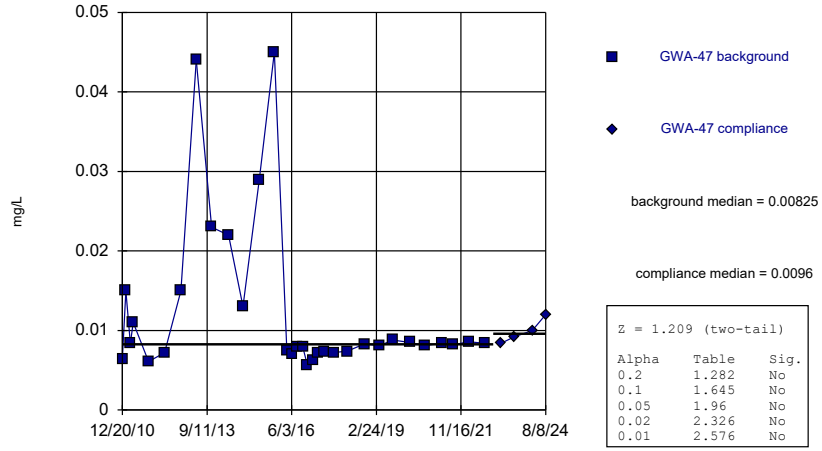
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Chromium Analysis Run 6/10/2025 11:31 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Mann-Whitney (Wilcoxon Rank Sum)

GWA-47 (bg)



Z = 1.209 (two-tail)

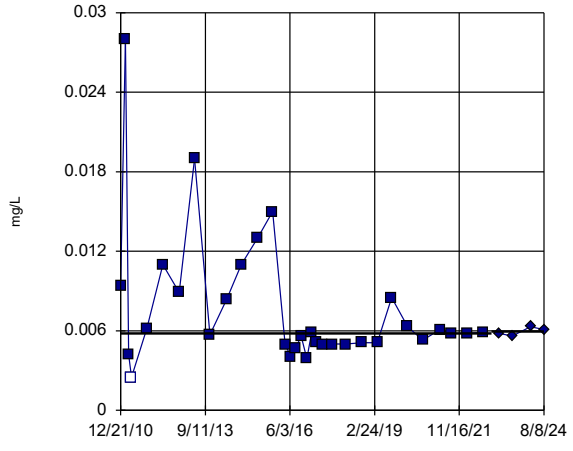
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Chromium Analysis Run 6/10/2025 11:31 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-48 (bg)



GWA-48 background

GWA-48 compliance

background median = 0.0058

compliance median = 0.00595

Z = 0.3024 (two-tail)

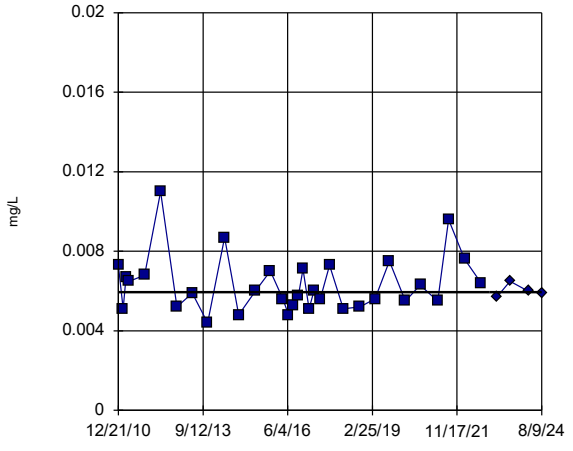
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Chromium Analysis Run 6/10/2025 11:31 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Mann-Whitney (Wilcoxon Rank Sum)

GWA-49 (bg)



GWA-49 background

GWA-49 compliance

background median = 0.00595

compliance median = 0.00595

Z = 0.126 (two-tail)

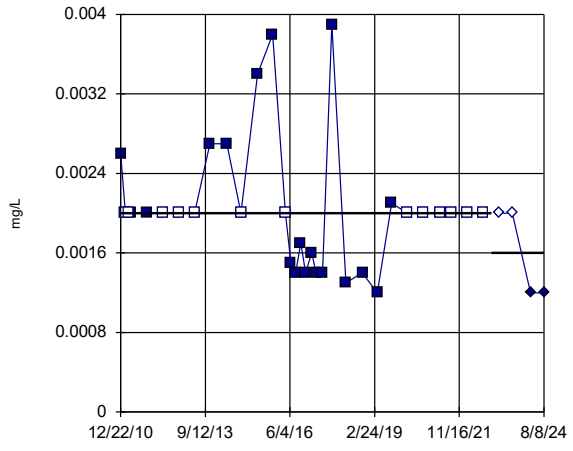
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Chromium Analysis Run 6/10/2025 11:31 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-29



GWC-29 background

GWC-29 compliance

background median = 0.002

compliance median = 0.0016

Z = -1.387 (two-tail)

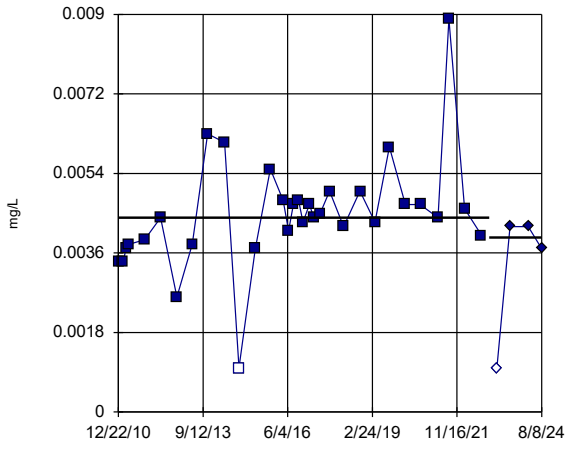
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Chromium Analysis Run 6/10/2025 11:31 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-50



GWC-50 background

GWC-50 compliance

background median = 0.0044

compliance median = 0.00395

Z = -1.815 (two-tail)

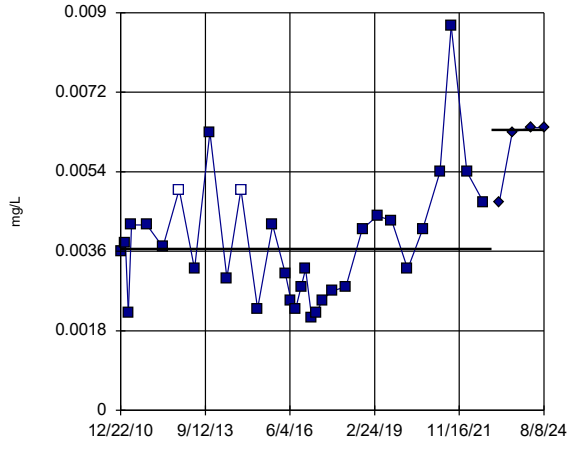
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Chromium Analysis Run 6/10/2025 11:31 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-51



GWC-51 background

GWC-51 compliance

background median = 0.00365

compliance median = 0.00635

Z = 2.696 (two-tail)

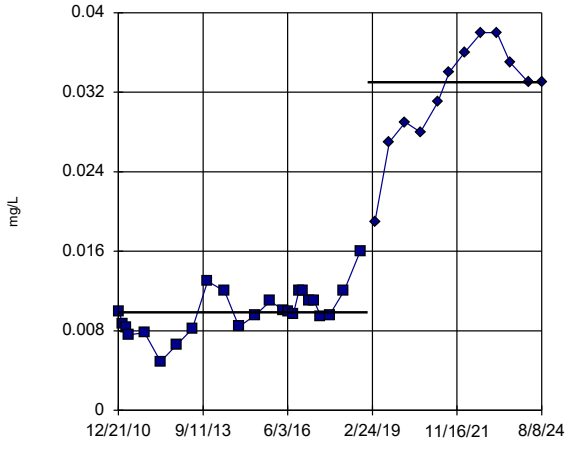
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Chromium Analysis Run 6/10/2025 11:31 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-52



GWC-52 background

GWC-52 compliance

background median = 0.00985

compliance median = 0.033

Z = 4.821 (two-tail)

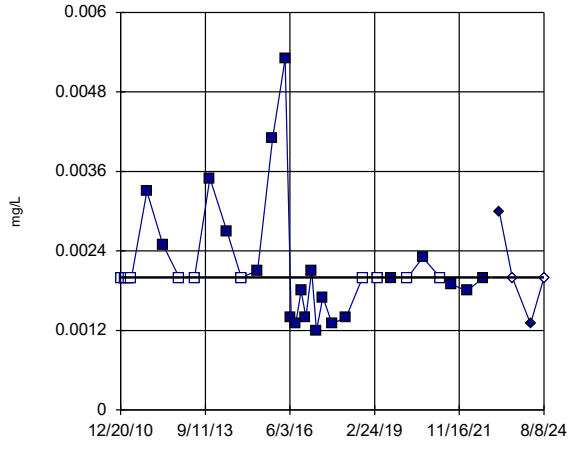
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Chromium Analysis Run 6/10/2025 11:31 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-53



GWC-53 background

GWC-53 compliance

background median = 0.002

compliance median = 0.002

Z = 0.0258 (two-tail)

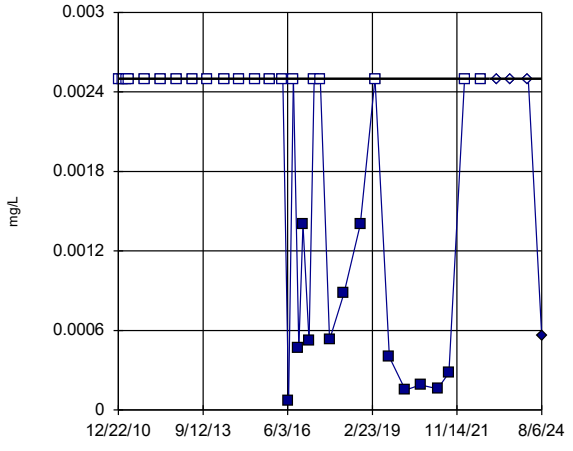
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Chromium Analysis Run 6/10/2025 11:31 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-21 (bg)



GWA-21 background

GWA-21 compliance

background median = 0.0025

compliance median = 0.0025

Z = 0.6147 (two-tail)

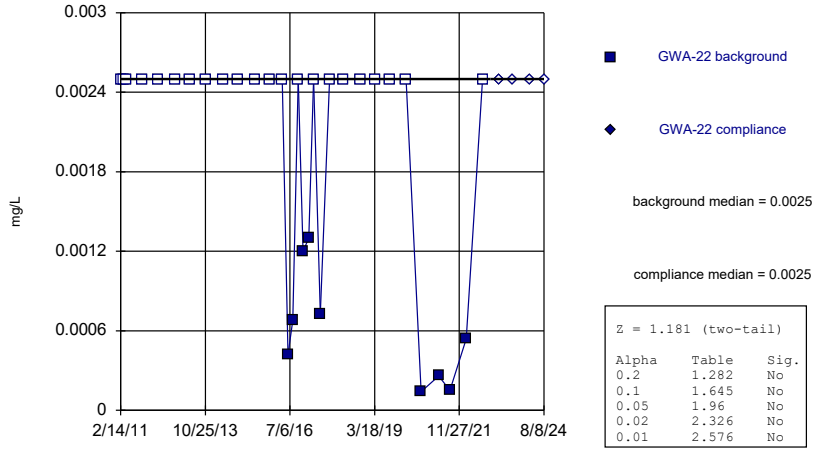
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Cobalt Analysis Run 6/10/2025 11:31 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-22 (bg)



Z = 1.181 (two-tail)

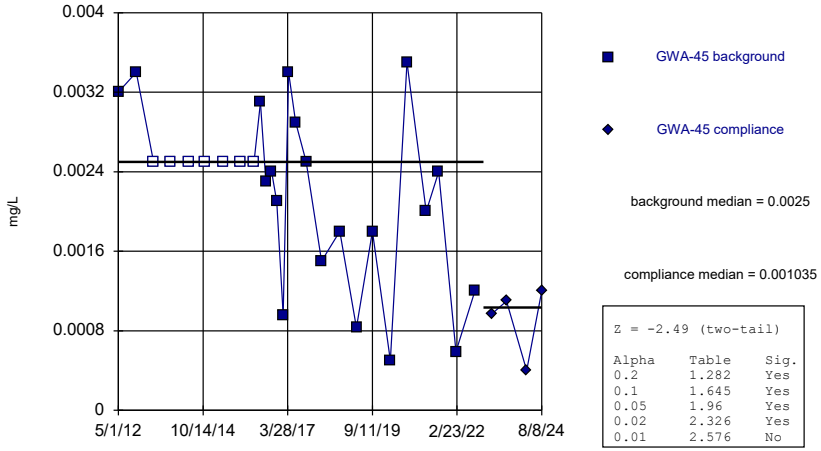
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Cobalt Analysis Run 6/10/2025 11:31 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-45 (bg)



Z = -2.49 (two-tail)

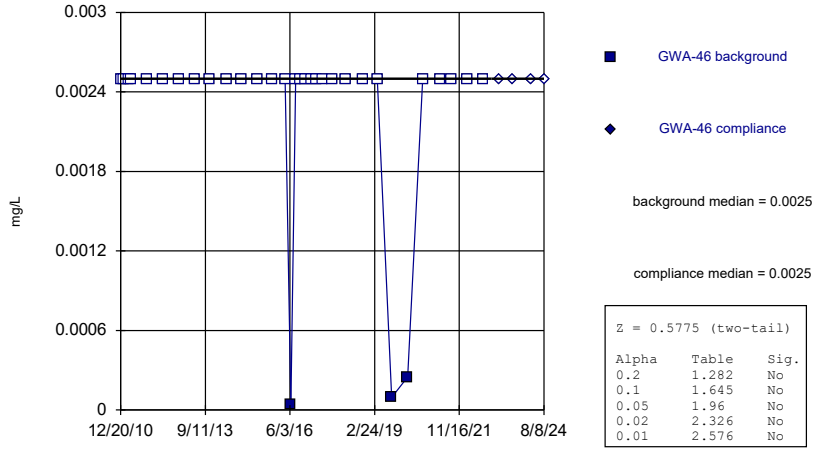
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	No

Constituent: Cobalt Analysis Run 6/10/2025 11:31 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-46 (bg)



Z = 0.5775 (two-tail)

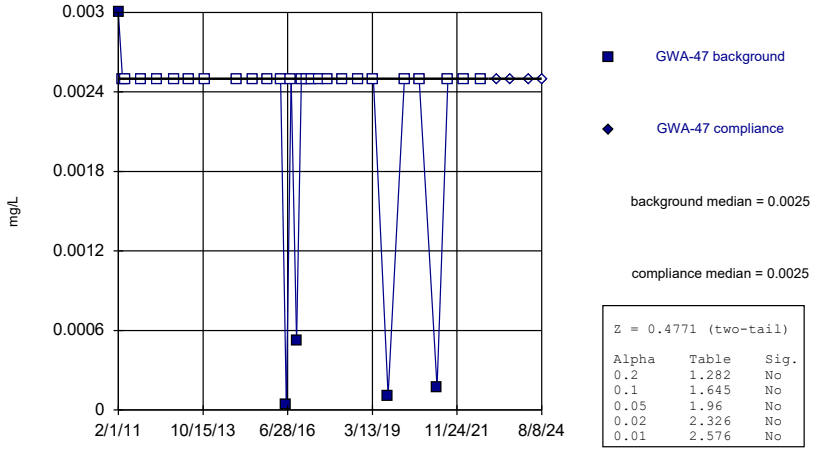
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Cobalt Analysis Run 6/10/2025 11:31 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-47 (bg)



Z = 0.4771 (two-tail)

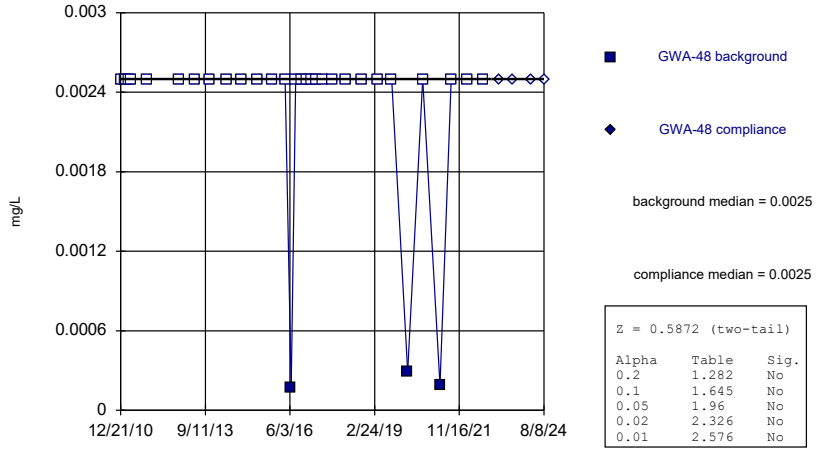
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Cobalt Analysis Run 6/10/2025 11:32 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-48 (bg)



Z = 0.5872 (two-tail)

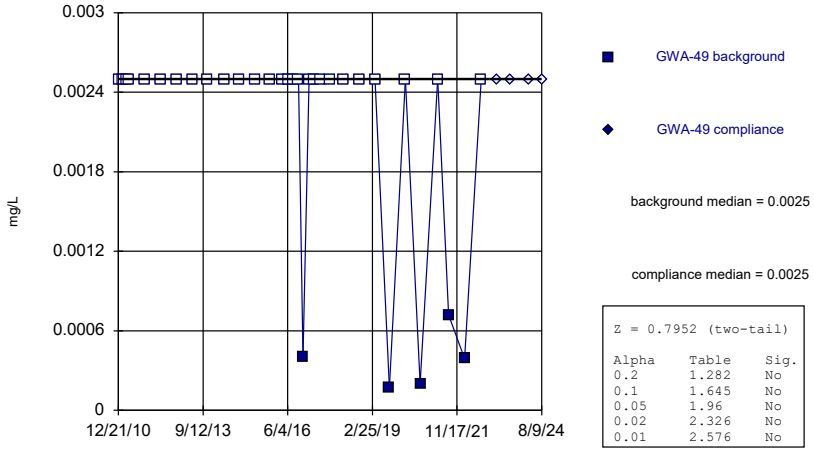
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Cobalt Analysis Run 6/10/2025 11:32 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-49 (bg)



Z = 0.7952 (two-tail)

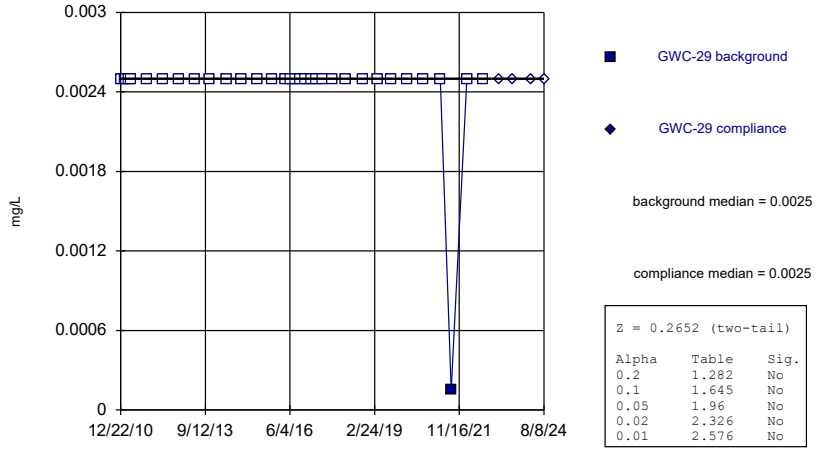
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Cobalt Analysis Run 6/10/2025 11:32 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-29



Z = 0.2652 (two-tail)

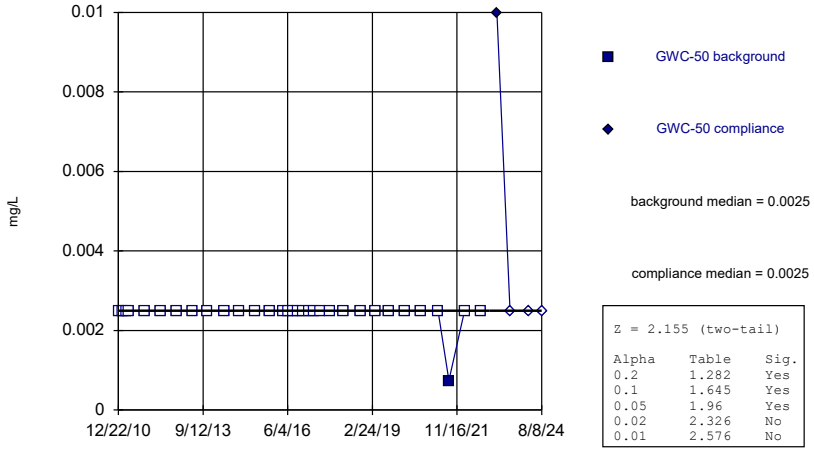
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Cobalt Analysis Run 6/10/2025 11:32 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-50



Z = 2.155 (two-tail)

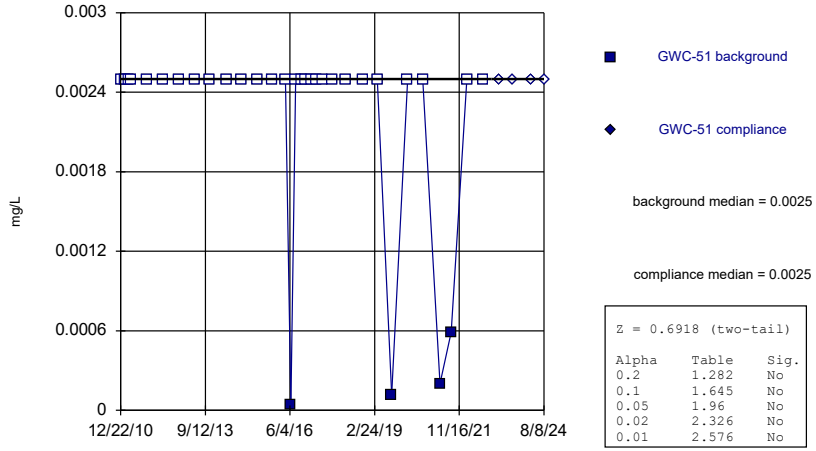
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	No
0.01	2.576	No

Constituent: Cobalt Analysis Run 6/10/2025 11:32 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-51



Z = 0.6918 (two-tail)

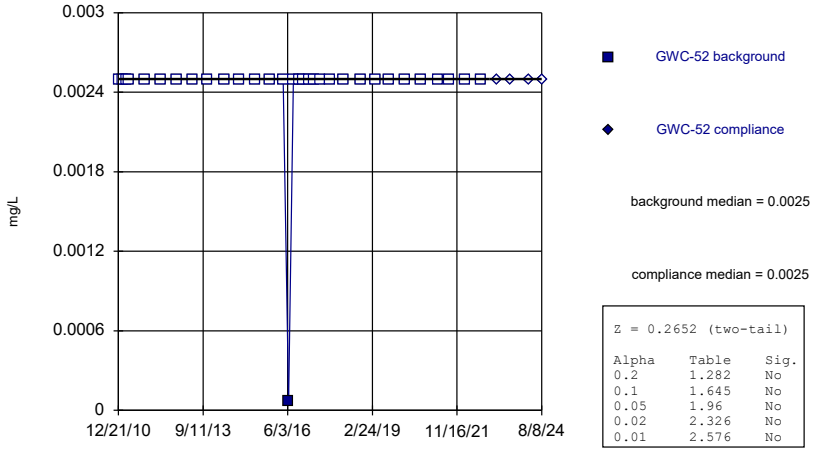
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Cobalt Analysis Run 6/10/2025 11:32 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-52



Z = 0.2652 (two-tail)

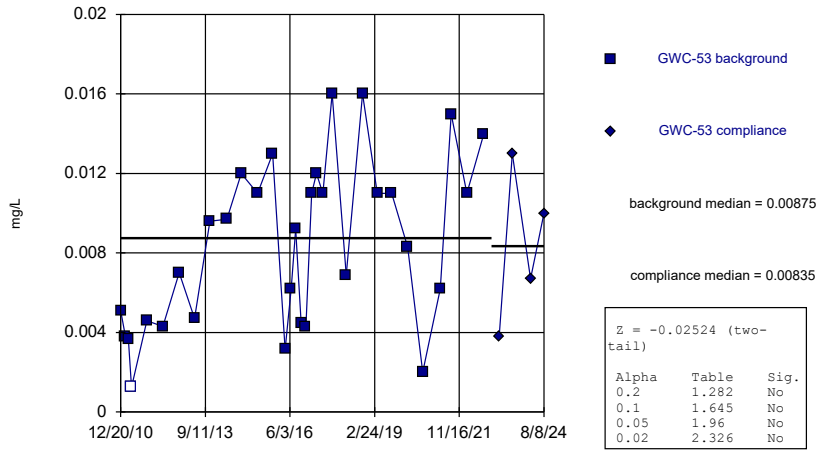
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Cobalt Analysis Run 6/10/2025 11:32 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-53



Z = -0.02524 (two-tail)

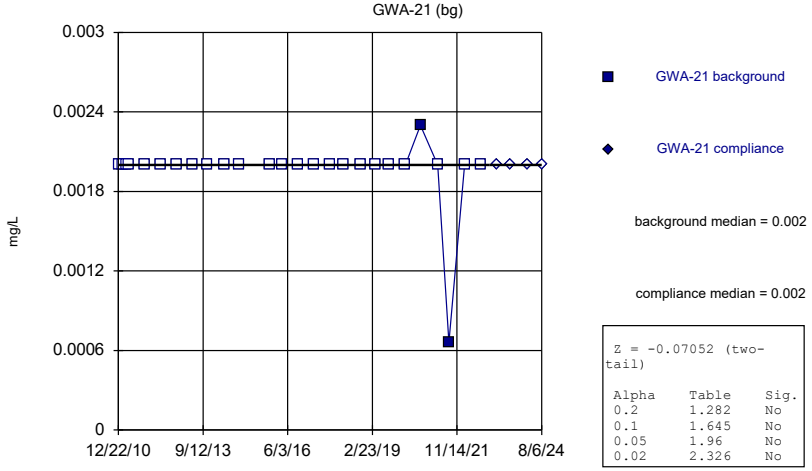
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No

Constituent: Cobalt Analysis Run 6/10/2025 11:32 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-21 (bg)



Z = -0.07052 (two-tail)

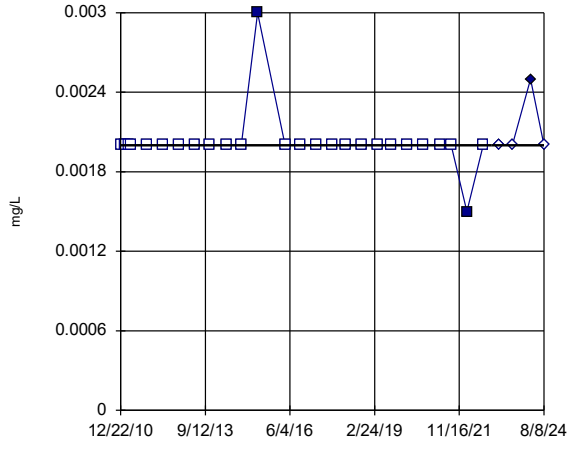
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No

Constituent: Copper Analysis Run 6/10/2025 11:32 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-22 (bg)



GWA-22 background

GWA-22 compliance

background median = 0.002

compliance median = 0.002

Z = 1.347 (two-tail)

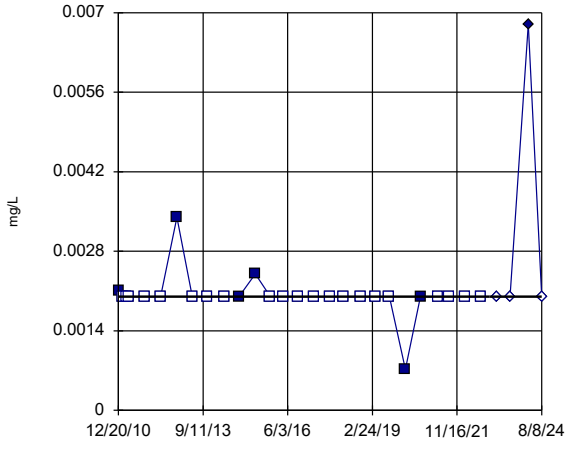
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Copper Analysis Run 6/10/2025 11:32 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-45 (bg)



GWA-45 background

GWA-45 compliance

background median = 0.002

compliance median = 0.002

Z = 1.046 (two-tail)

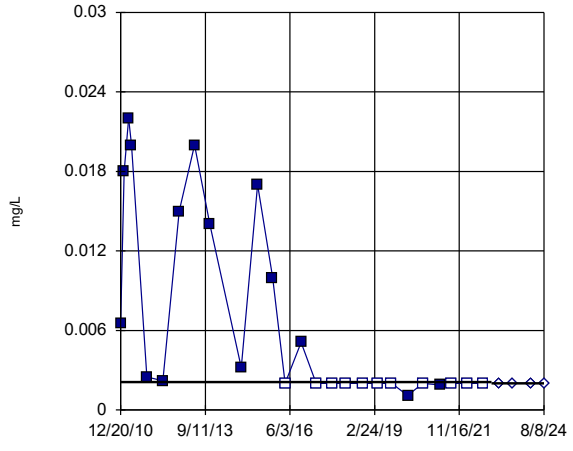
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Copper Analysis Run 6/10/2025 11:32 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-47 (bg)



GWA-47 background

GWA-47 compliance

background median = 0.0021

compliance median = 0.002

Z = -1.467 (two-tail)

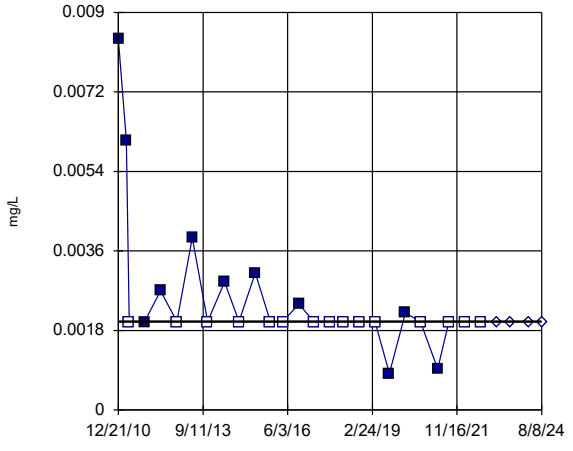
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Copper Analysis Run 6/10/2025 11:32 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-48 (bg)



GWA-48 background

GWA-48 compliance

background median = 0.002

compliance median = 0.002

Z = -0.7415 (two-tail)

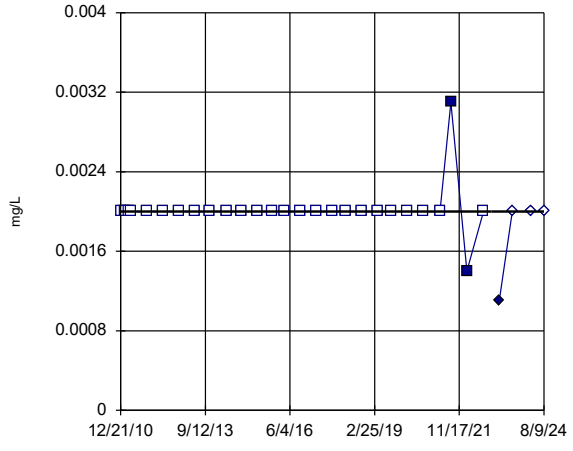
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Copper Analysis Run 6/10/2025 11:32 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-49 (bg)



GWA-49 background

GWA-49 compliance

background median = 0.002

compliance median = 0.002

Z = -1.608 (two-tail)

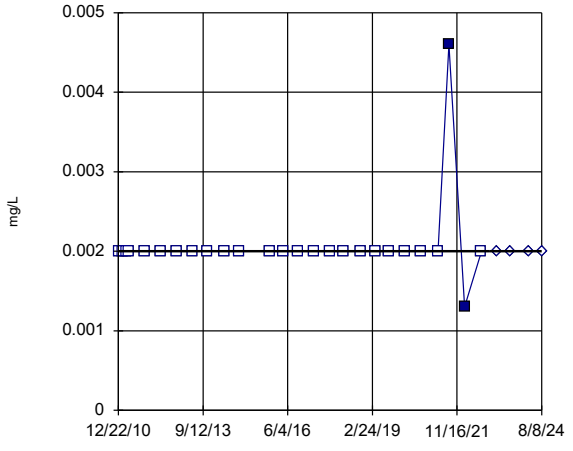
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Copper Analysis Run 6/10/2025 11:32 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-50



GWC-50 background

GWC-50 compliance

background median = 0.002

compliance median = 0.002

Z = -0.07052 (two-tail)

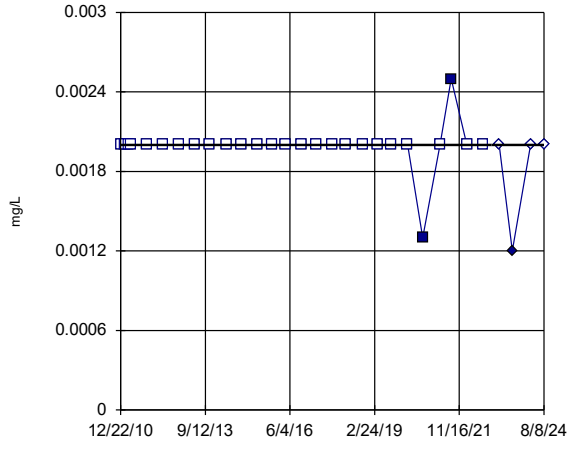
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No

Constituent: Copper Analysis Run 6/10/2025 11:32 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-51



GWC-51 background

GWC-51 compliance

background median = 0.002

compliance median = 0.002

Z = -1.608 (two-tail)

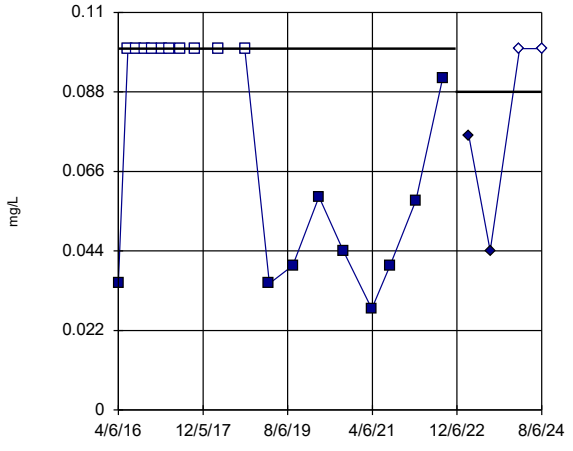
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Copper Analysis Run 6/10/2025 11:32 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-21 (bg)



GWA-21 background

GWA-21 compliance

background median = 0.1

compliance median = 0.088

Z = 0.2628 (two-tail)

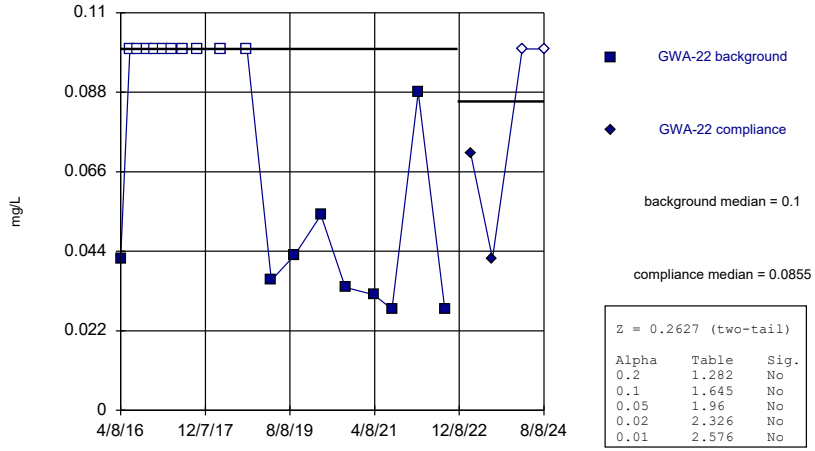
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Fluoride Analysis Run 6/10/2025 11:32 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-22 (bg)



Z = 0.2627 (two-tail)

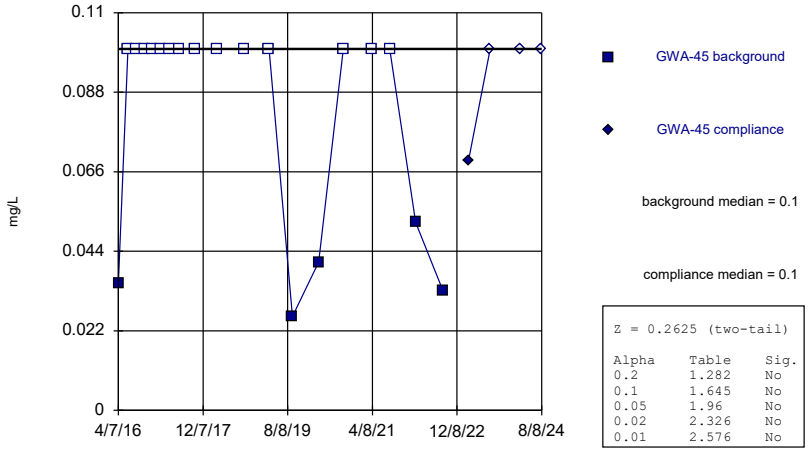
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Fluoride Analysis Run 6/10/2025 11:32 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-45 (bg)



Z = 0.2625 (two-tail)

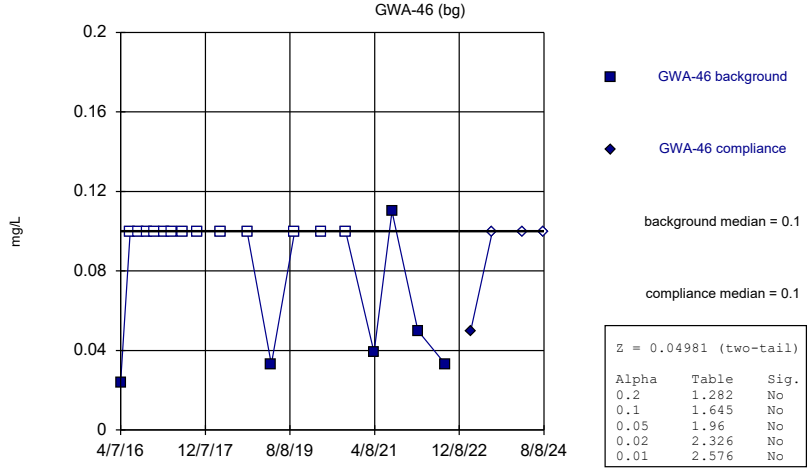
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Fluoride Analysis Run 6/10/2025 11:32 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-46 (bg)



Z = 0.04981 (two-tail)

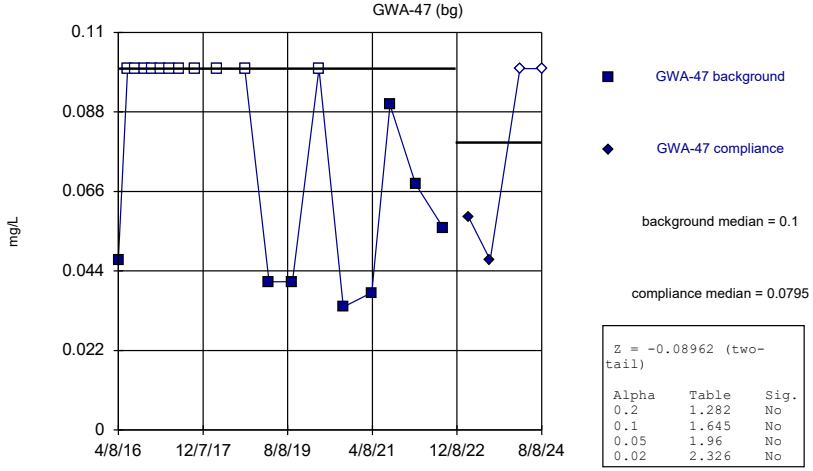
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Fluoride Analysis Run 6/10/2025 11:32 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-47 (bg)



Z = -0.08962 (two-tail)

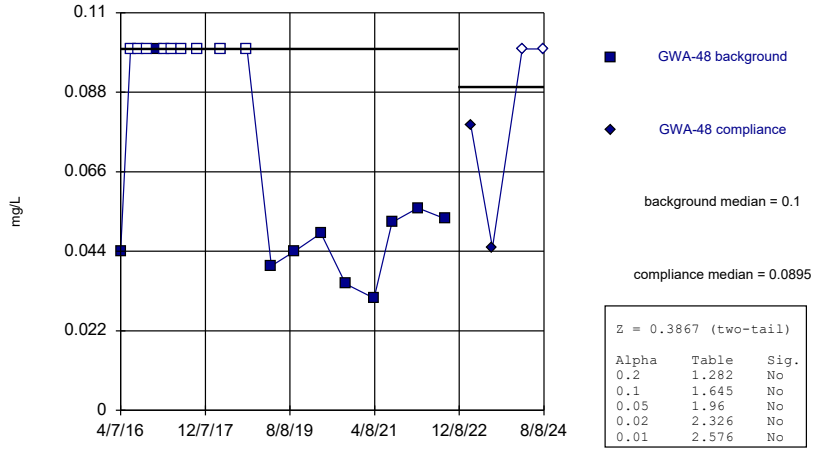
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No

Constituent: Fluoride Analysis Run 6/10/2025 11:32 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-48 (bg)



Z = 0.3867 (two-tail)

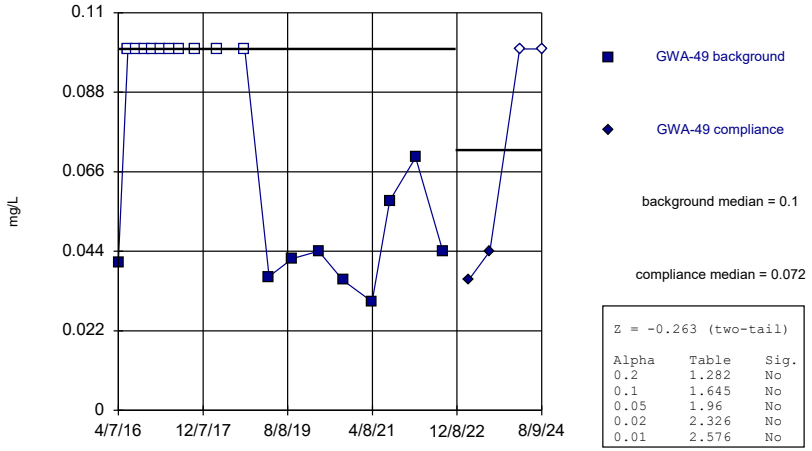
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Fluoride Analysis Run 6/10/2025 11:32 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-49 (bg)



Z = -0.263 (two-tail)

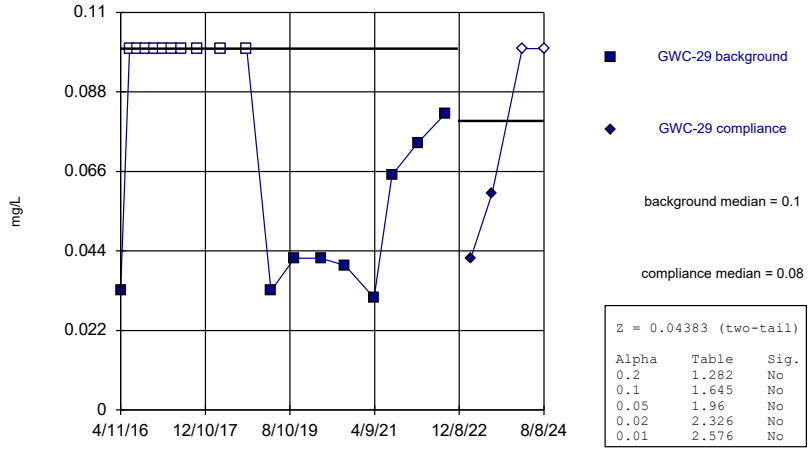
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Fluoride Analysis Run 6/10/2025 11:32 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-29



Z = 0.04383 (two-tail)

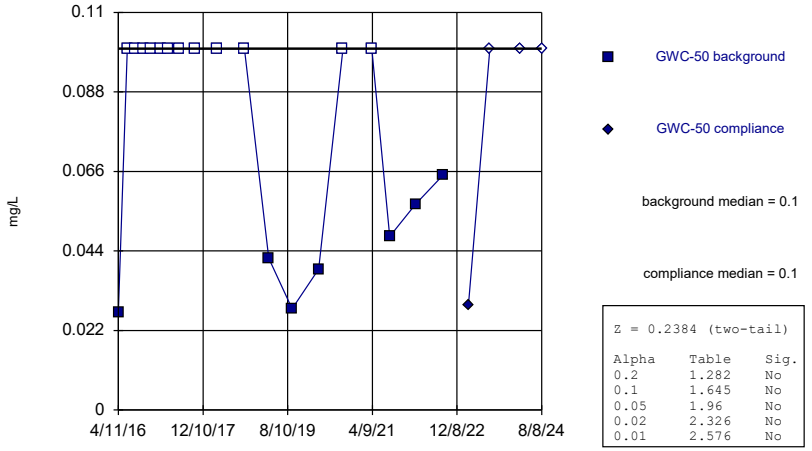
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Fluoride Analysis Run 6/10/2025 11:32 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-50



Z = 0.2384 (two-tail)

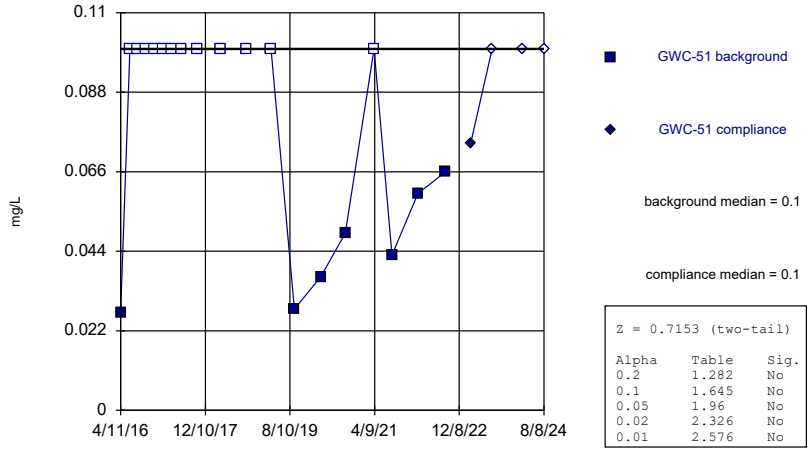
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Fluoride Analysis Run 6/10/2025 11:32 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-51



Z = 0.7153 (two-tail)

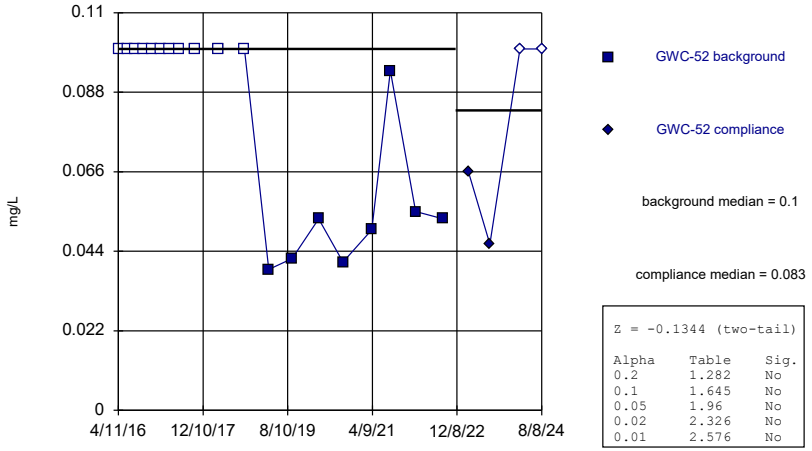
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Fluoride Analysis Run 6/10/2025 11:32 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-52



Z = -0.1344 (two-tail)

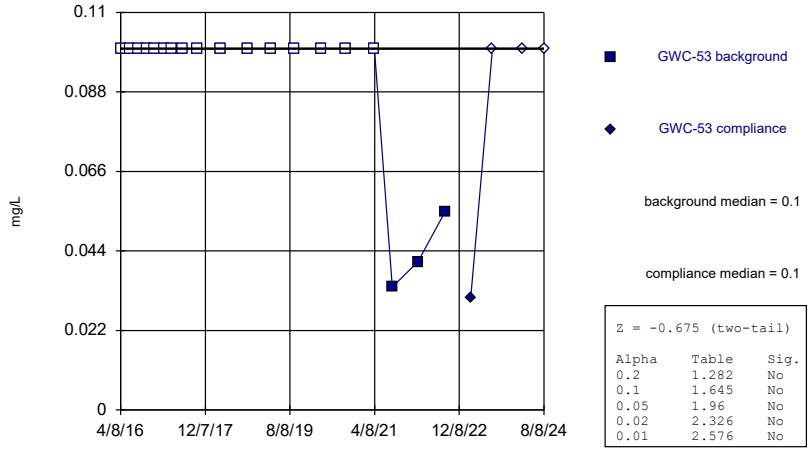
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Fluoride Analysis Run 6/10/2025 11:32 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-53



Z = -0.675 (two-tail)

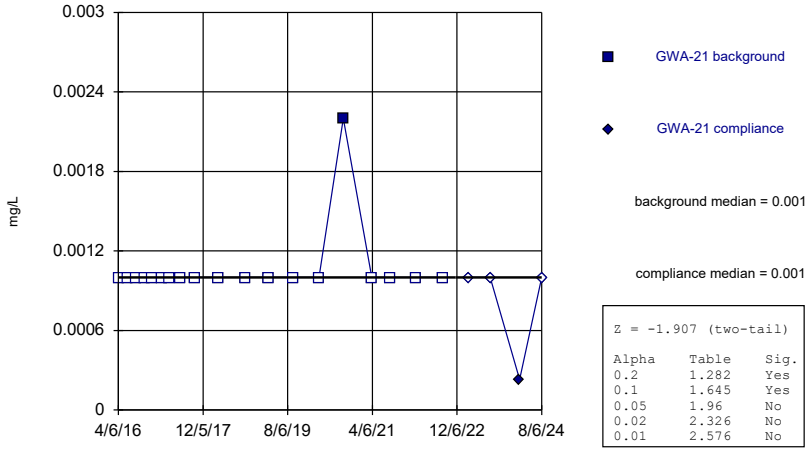
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Fluoride Analysis Run 6/10/2025 11:32 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-21 (bg)



Z = -1.907 (two-tail)

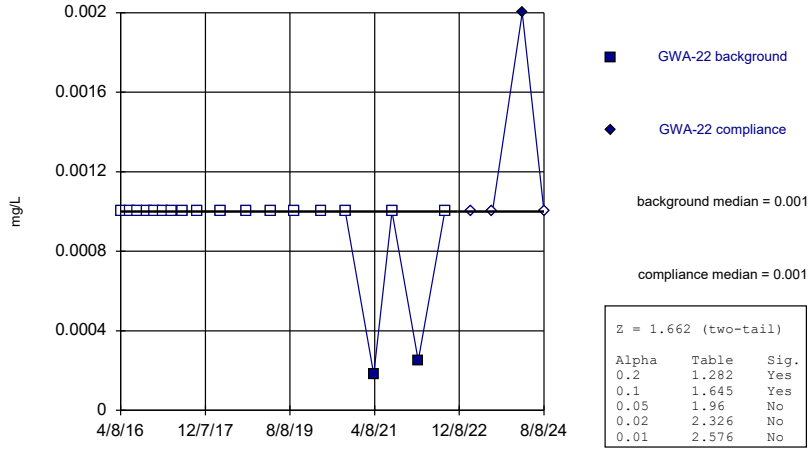
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Lead Analysis Run 6/10/2025 11:32 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-22 (bg)



Z = 1.662 (two-tail)

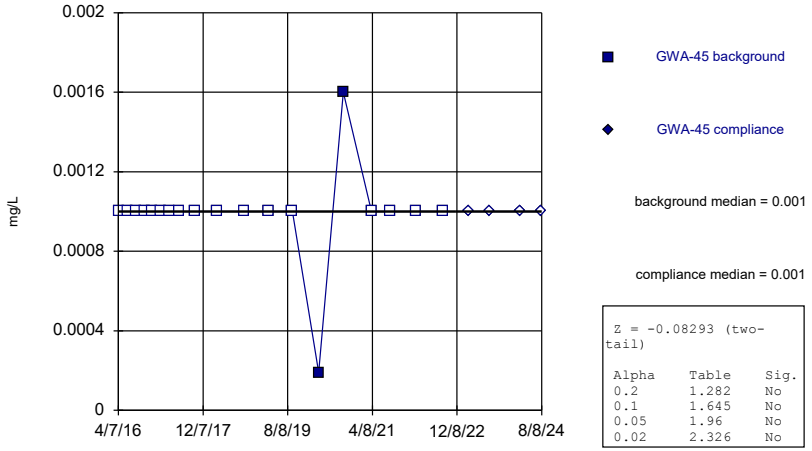
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Lead Analysis Run 6/10/2025 11:32 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-45 (bg)



Z = -0.08293 (two-tail)

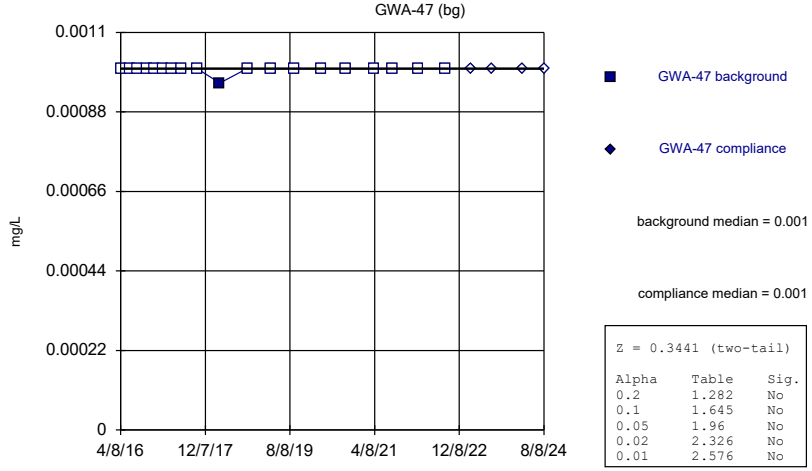
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No

Constituent: Lead Analysis Run 6/10/2025 11:32 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-47 (bg)



Z = 0.3441 (two-tail)

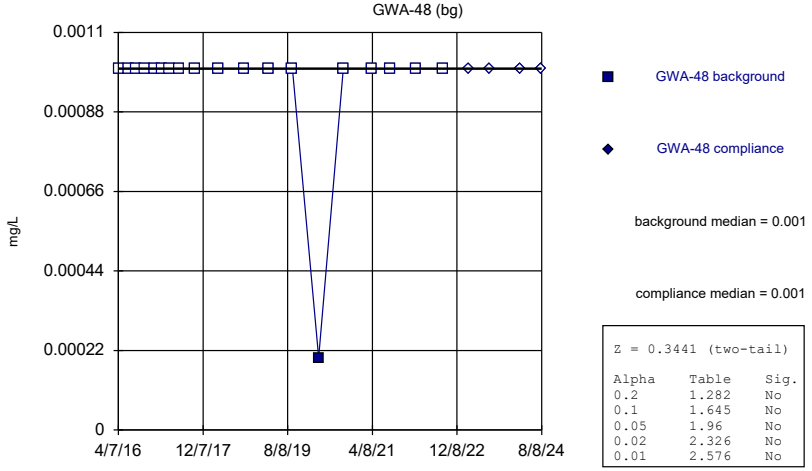
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Lead Analysis Run 6/10/2025 11:32 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-48 (bg)



Z = 0.3441 (two-tail)

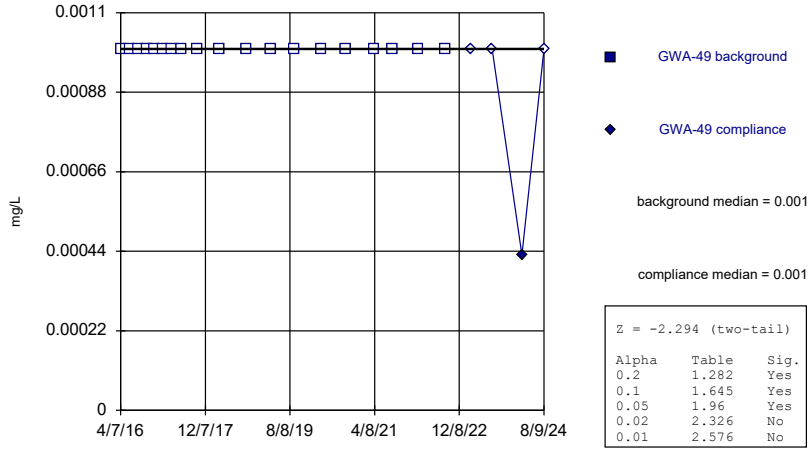
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Lead Analysis Run 6/10/2025 11:32 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-49 (bg)



Z = -2.294 (two-tail)

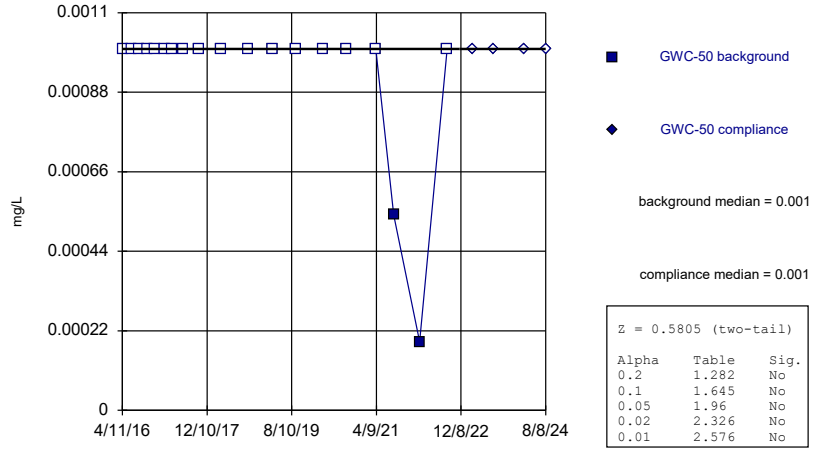
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	No
0.01	2.576	No

Constituent: Lead Analysis Run 6/10/2025 11:32 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-50



Z = 0.5805 (two-tail)

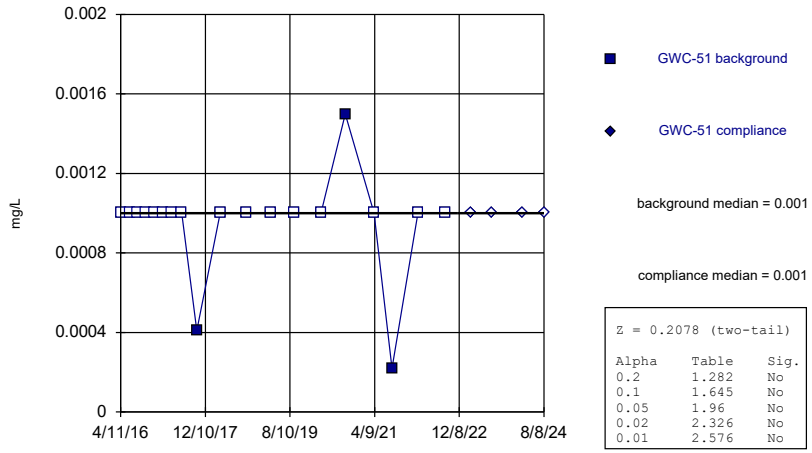
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Lead Analysis Run 6/10/2025 11:32 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-51



Z = 0.2078 (two-tail)

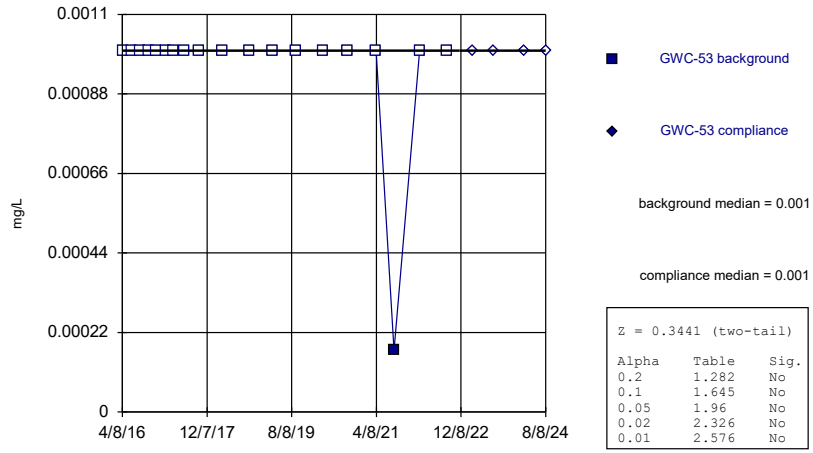
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Lead Analysis Run 6/10/2025 11:32 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-53



Z = 0.3441 (two-tail)

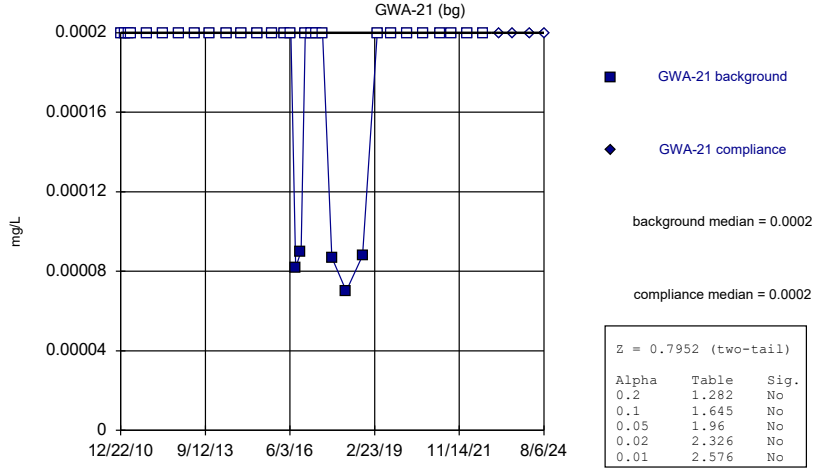
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Lead Analysis Run 6/10/2025 11:32 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-21 (bg)



Z = 0.7952 (two-tail)

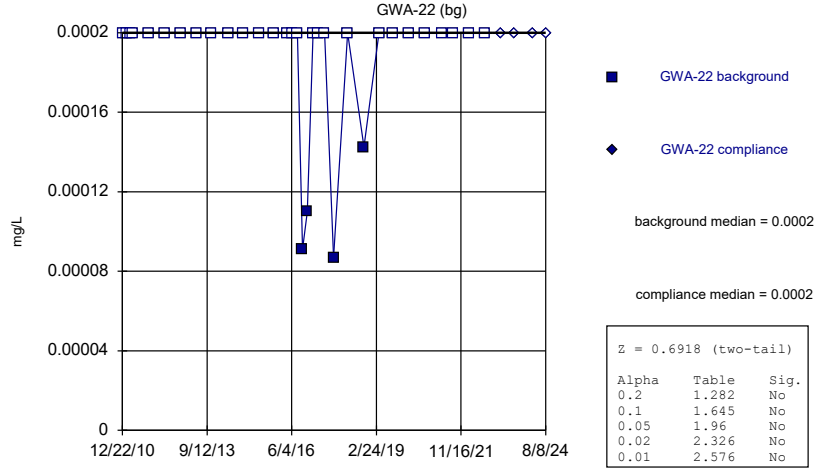
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Mercury Analysis Run 6/10/2025 11:32 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-22 (bg)



Z = 0.6918 (two-tail)

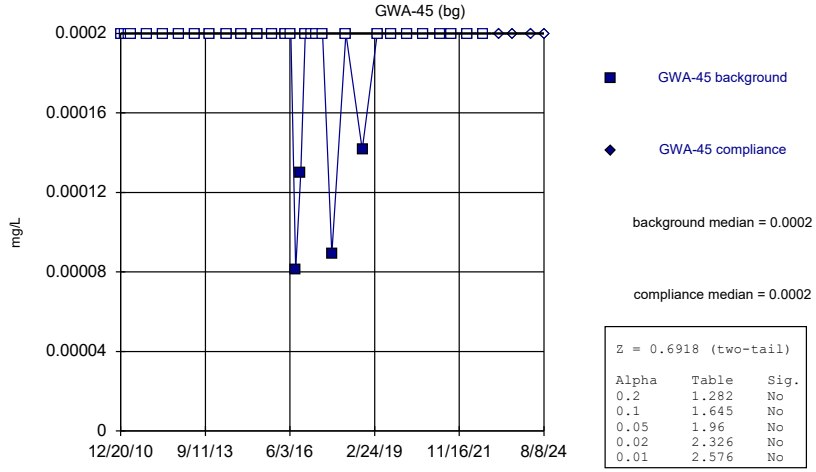
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Mercury Analysis Run 6/10/2025 11:32 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-45 (bg)



Z = 0.6918 (two-tail)

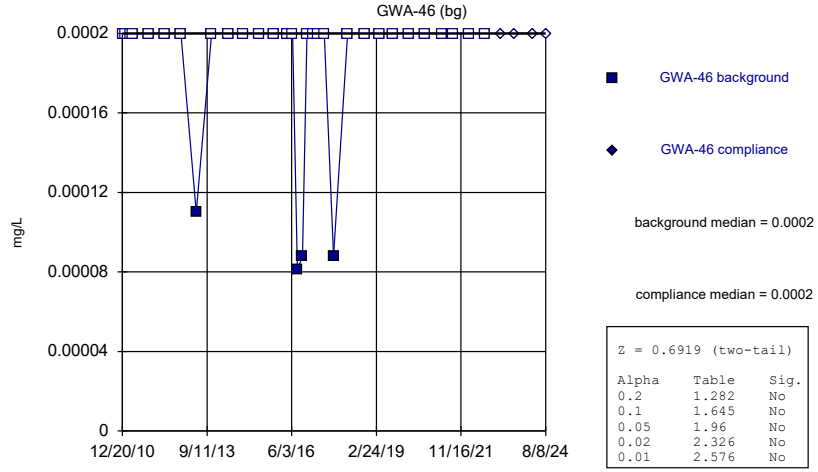
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Mercury Analysis Run 6/10/2025 11:32 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-46 (bg)



Z = 0.6919 (two-tail)

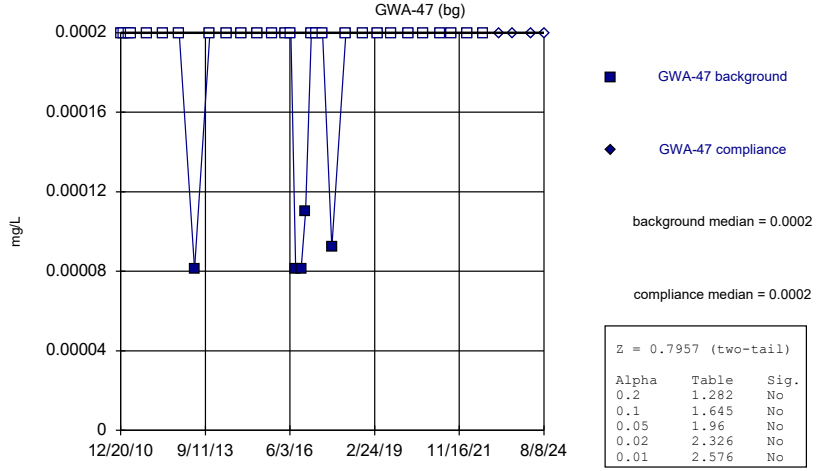
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Mercury Analysis Run 6/10/2025 11:32 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-47 (bg)



Z = 0.7957 (two-tail)

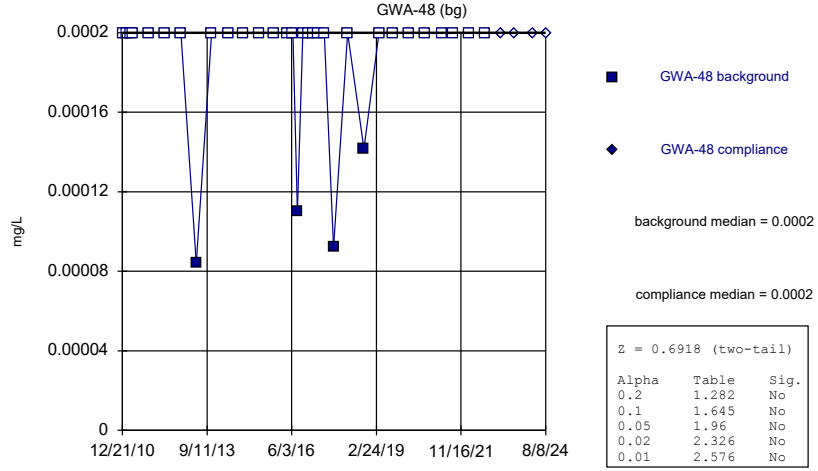
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Mercury Analysis Run 6/10/2025 11:32 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-48 (bg)



Z = 0.6918 (two-tail)

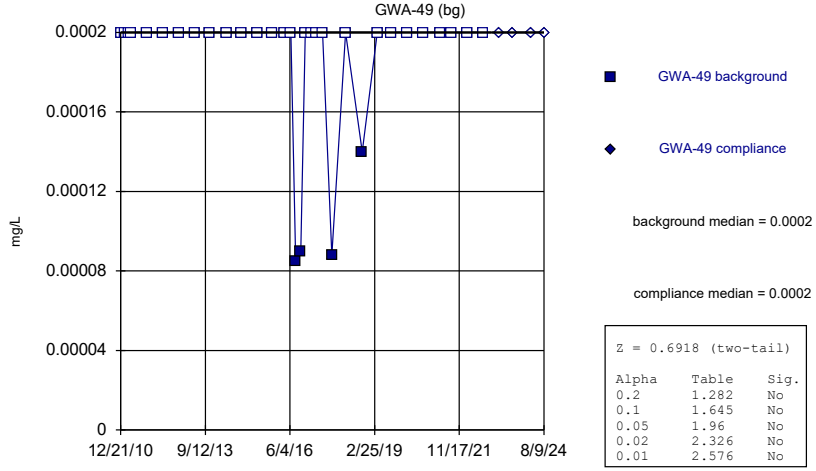
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Mercury Analysis Run 6/10/2025 11:32 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-49 (bg)



Z = 0.6918 (two-tail)

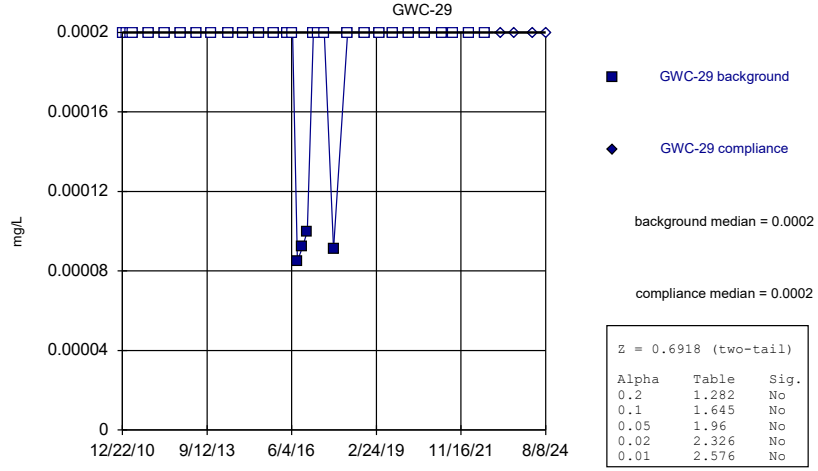
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Mercury Analysis Run 6/10/2025 11:32 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-29



Z = 0.6918 (two-tail)

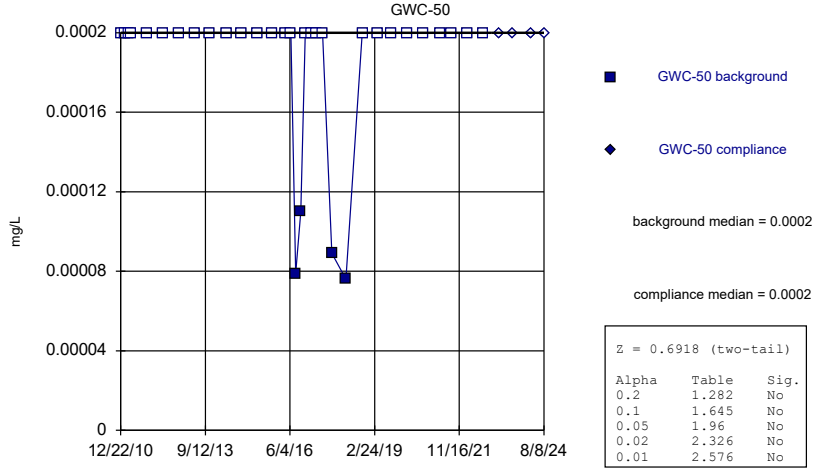
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Mercury Analysis Run 6/10/2025 11:32 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-50



Z = 0.6918 (two-tail)

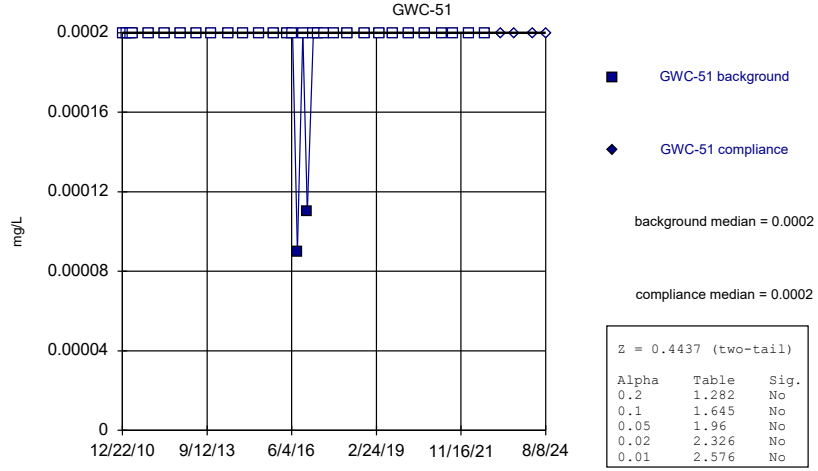
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Mercury Analysis Run 6/10/2025 11:32 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-51



Z = 0.4437 (two-tail)

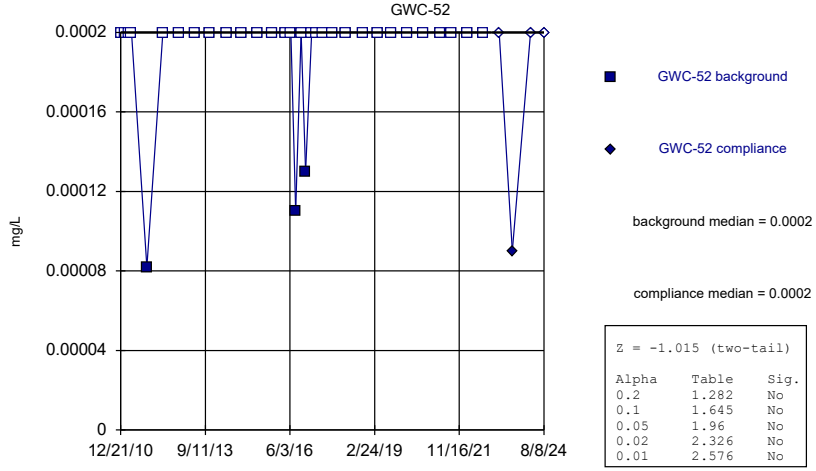
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Mercury Analysis Run 6/10/2025 11:32 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-52



Z = -1.015 (two-tail)

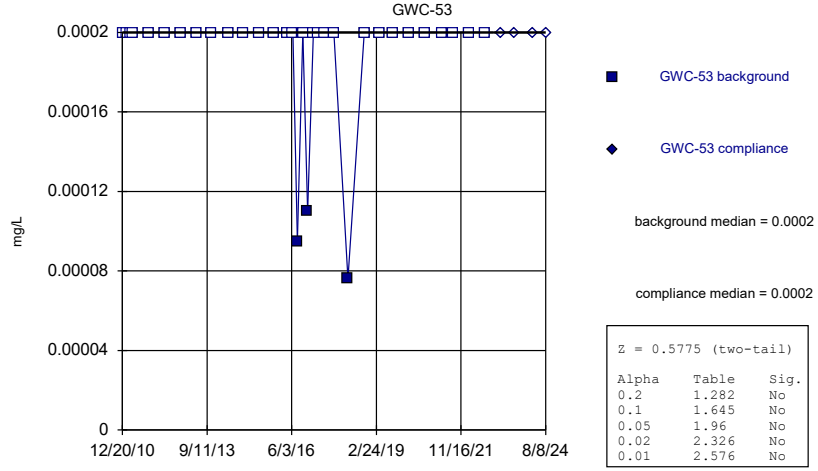
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Mercury Analysis Run 6/10/2025 11:32 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-53



Z = 0.5775 (two-tail)

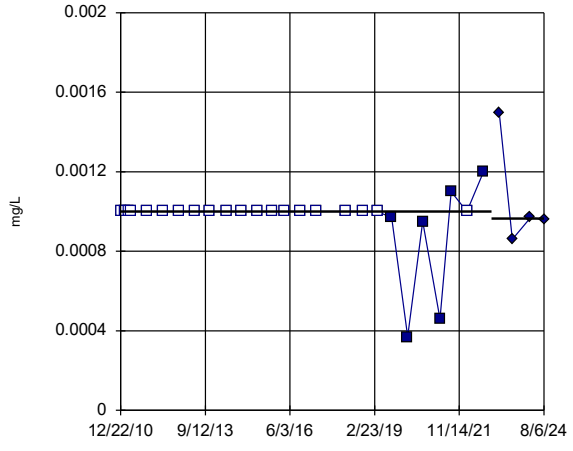
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Mercury Analysis Run 6/10/2025 11:33 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-21 (bg)



GWA-21 background

GWA-21 compliance

background median = 0.001

compliance median = 0.000965

Z = -1.309 (two-tail)

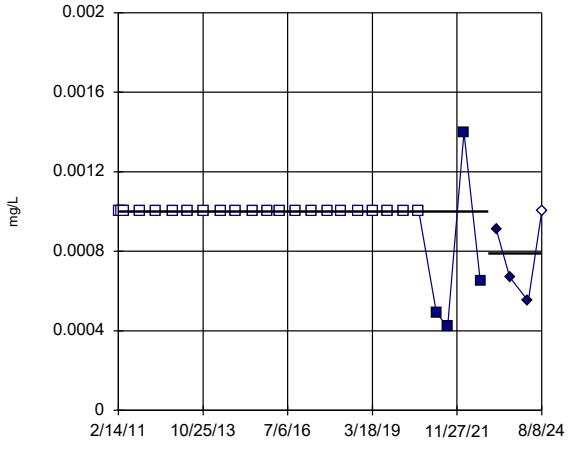
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Nickel Analysis Run 6/10/2025 11:33 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-22 (bg)



GWA-22 background

GWA-22 compliance

background median = 0.001

compliance median = 0.00079

Z = -2.51 (two-tail)

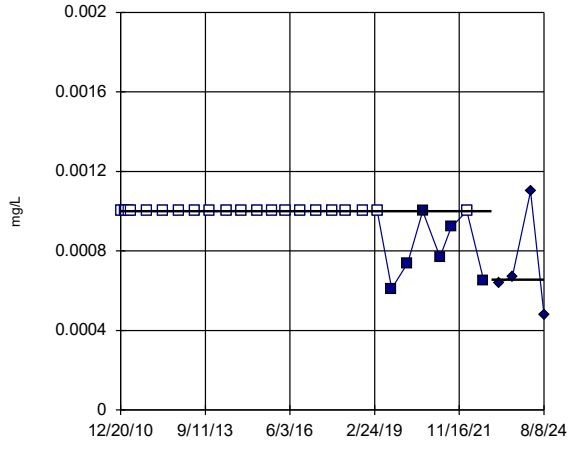
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	No

Constituent: Nickel Analysis Run 6/10/2025 11:33 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-45 (bg)



GWA-45 background

GWA-45 compliance

background median = 0.001

compliance median = 0.000655

Z = -1.739 (two-tail)

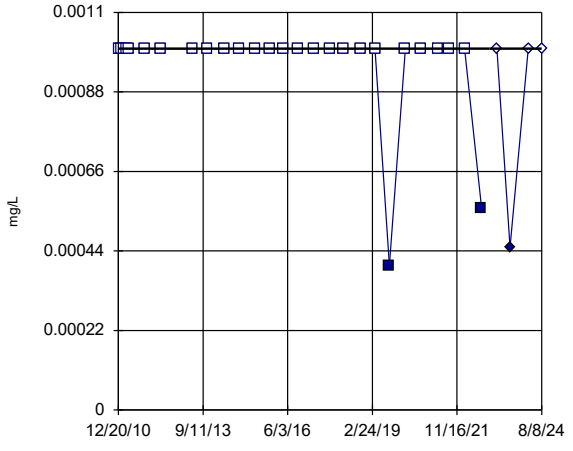
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Nickel Analysis Run 6/10/2025 11:33 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-46 (bg)



GWA-46 background

GWA-46 compliance

background median = 0.001

compliance median = 0.001

Z = -1.113 (two-tail)

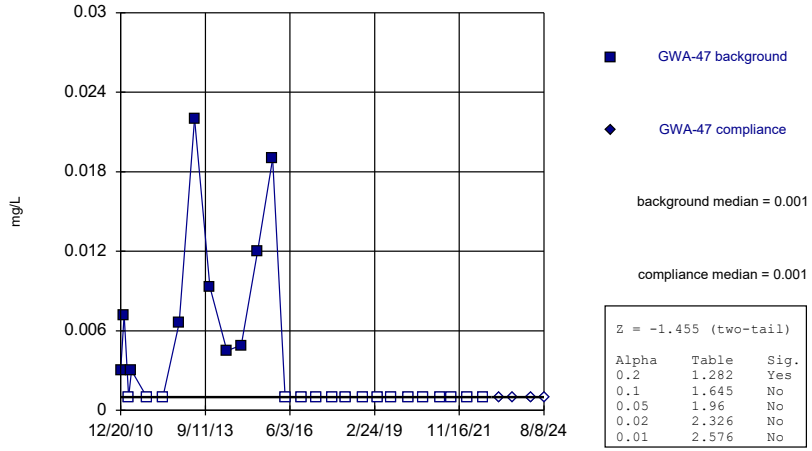
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Nickel Analysis Run 6/10/2025 11:33 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-47 (bg)



Z = -1.455 (two-tail)

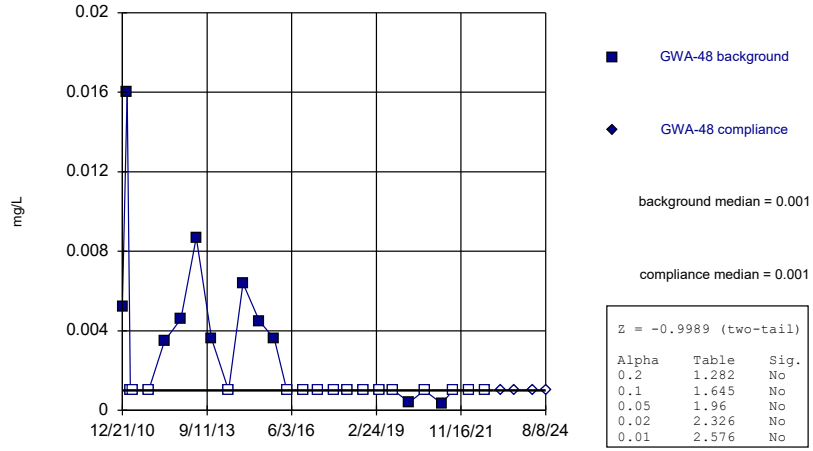
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Nickel Analysis Run 6/10/2025 11:33 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-48 (bg)



Z = -0.9989 (two-tail)

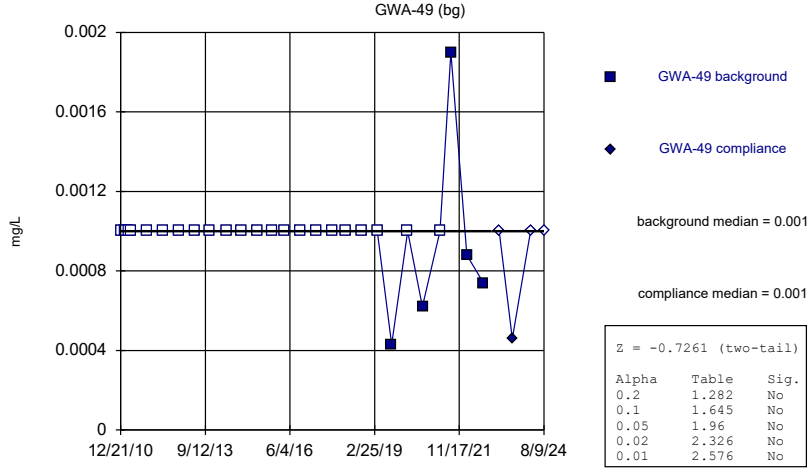
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Nickel Analysis Run 6/10/2025 11:33 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-49 (bg)



Z = -0.7261 (two-tail)

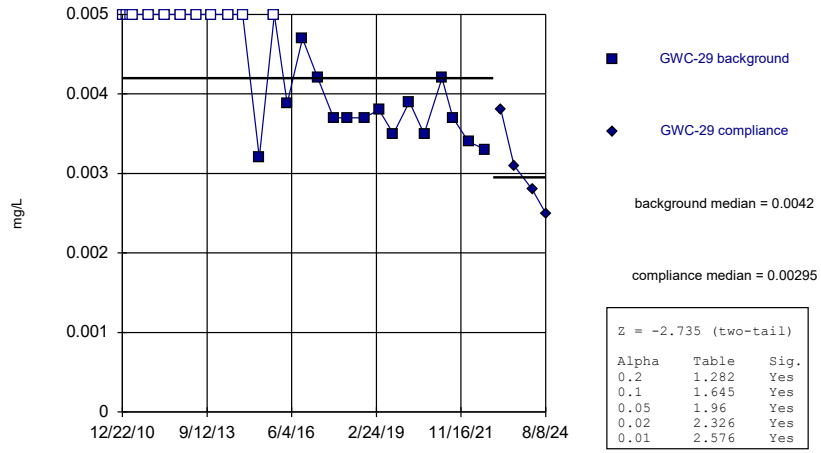
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Nickel Analysis Run 6/10/2025 11:33 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-29



Z = -2.735 (two-tail)

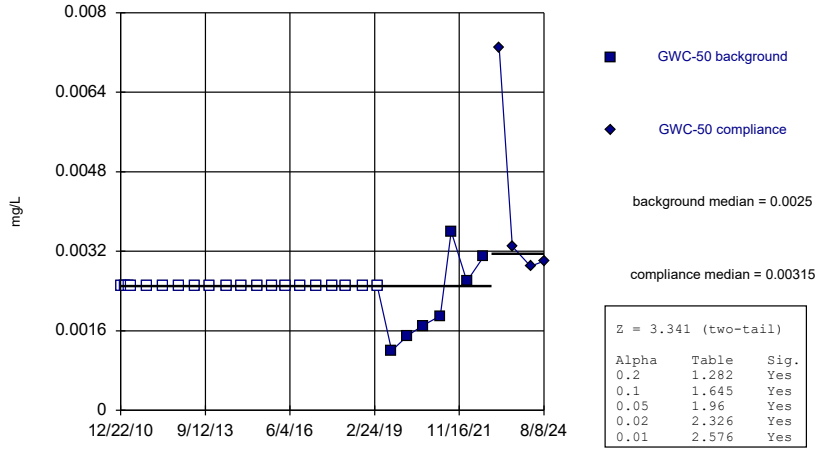
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Nickel Analysis Run 6/10/2025 11:33 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-50



Z = 3.341 (two-tail)

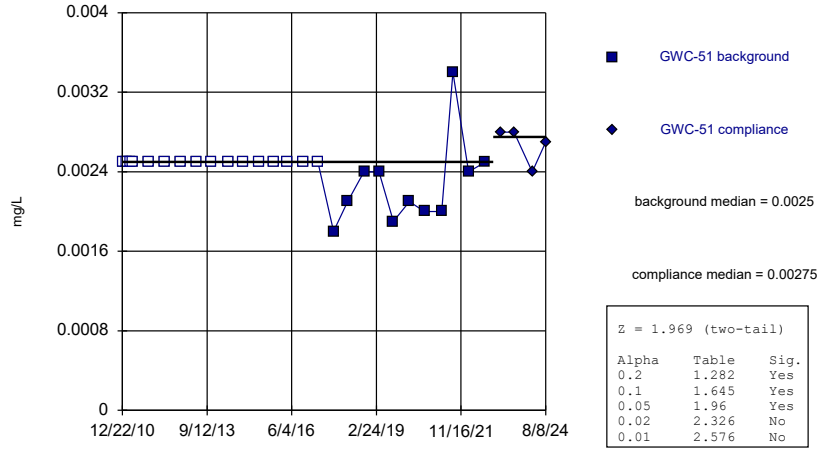
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Nickel Analysis Run 6/10/2025 11:33 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-51



Z = 1.969 (two-tail)

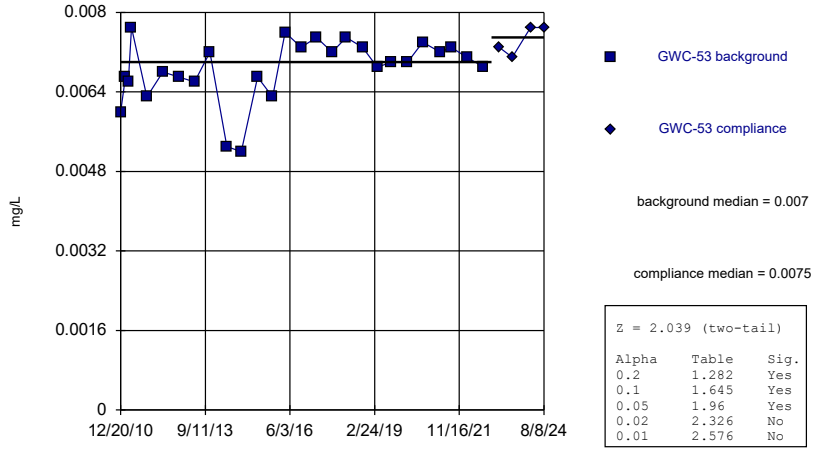
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	No
0.01	2.576	No

Constituent: Nickel Analysis Run 6/10/2025 11:33 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-53



Z = 2.039 (two-tail)

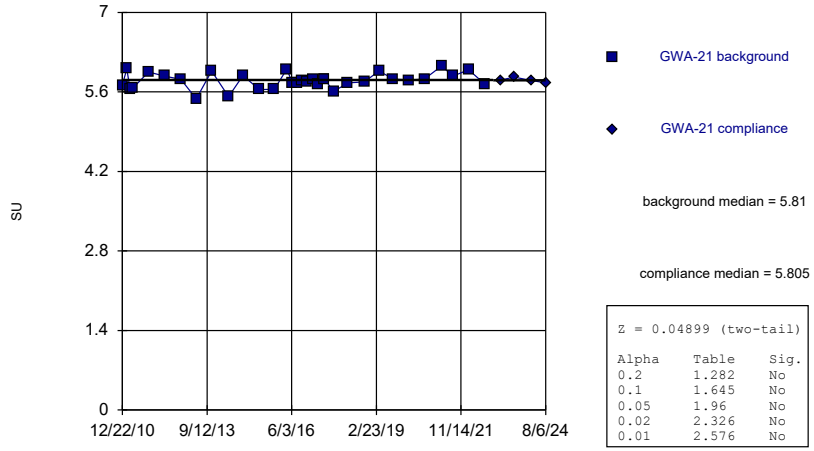
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	No
0.01	2.576	No

Constituent: Nickel Analysis Run 6/10/2025 11:33 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Mann-Whitney (Wilcoxon Rank Sum)

GWA-21 (bg)



Z = 0.04899 (two-tail)

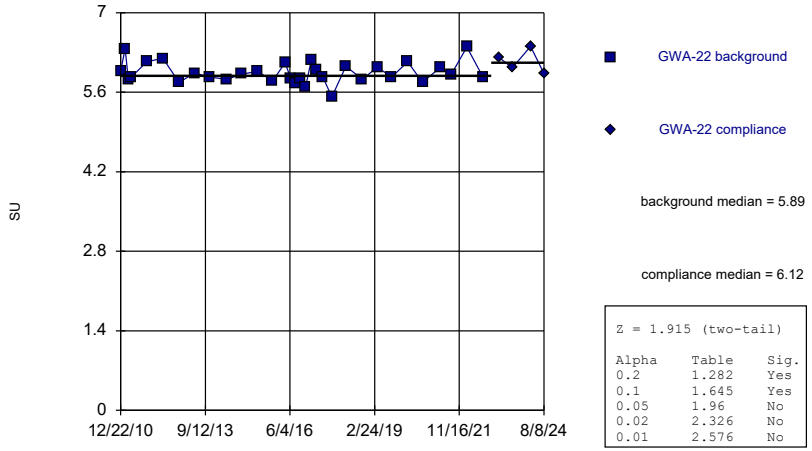
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: pH, Field Analysis Run 6/10/2025 11:33 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Mann-Whitney (Wilcoxon Rank Sum)

GWA-22 (bg)



Z = 1.915 (two-tail)

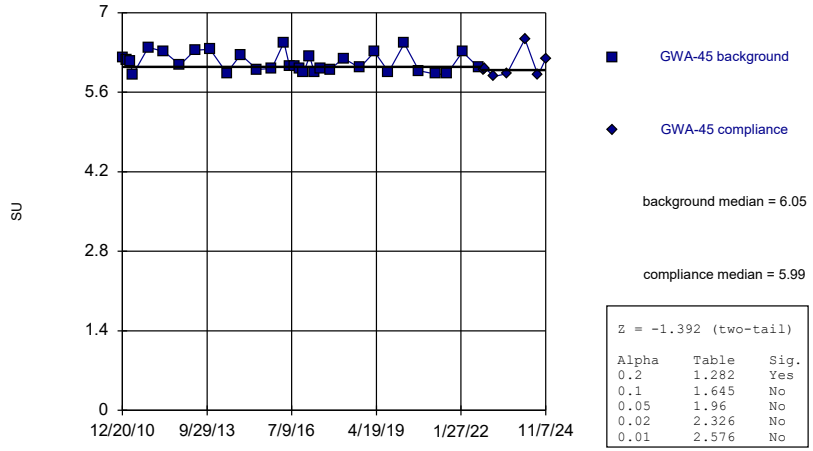
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: pH, Field Analysis Run 6/10/2025 11:33 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Mann-Whitney (Wilcoxon Rank Sum)

GWA-45 (bg)



Z = -1.392 (two-tail)

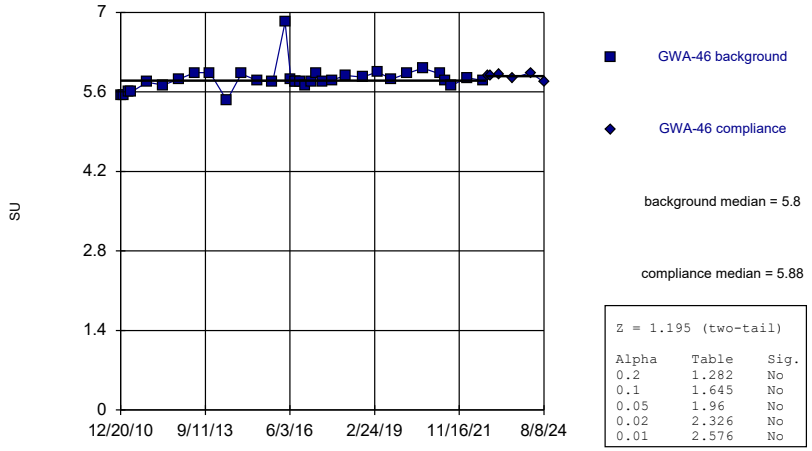
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: pH, Field Analysis Run 6/10/2025 11:33 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Mann-Whitney (Wilcoxon Rank Sum)

GWA-46 (bg)



Z = 1.195 (two-tail)

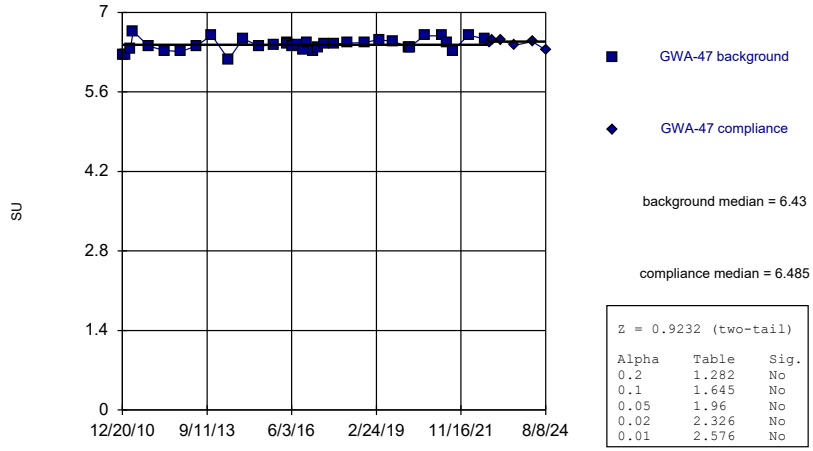
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: pH, Field Analysis Run 6/10/2025 11:33 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Mann-Whitney (Wilcoxon Rank Sum)

GWA-47 (bg)



Z = 0.9232 (two-tail)

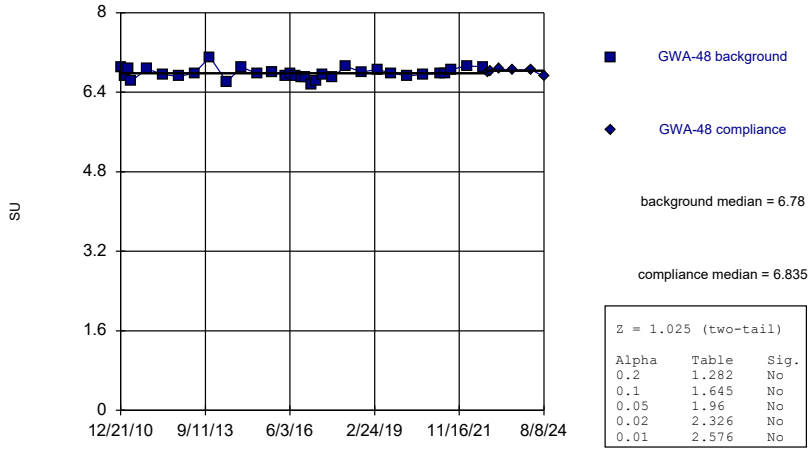
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: pH, Field Analysis Run 6/10/2025 11:33 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Mann-Whitney (Wilcoxon Rank Sum)

GWA-48 (bg)



Z = 1.025 (two-tail)

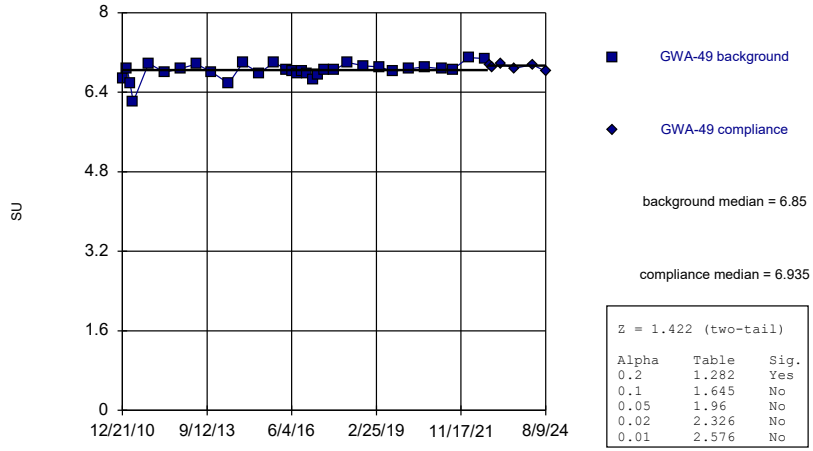
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: pH, Field Analysis Run 6/10/2025 11:33 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Mann-Whitney (Wilcoxon Rank Sum)

GWA-49 (bg)



Z = 1.422 (two-tail)

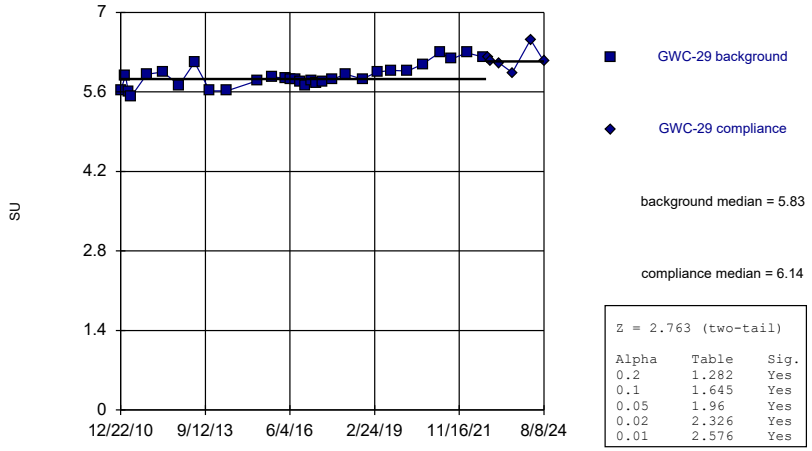
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: pH, Field Analysis Run 6/10/2025 11:33 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-29



Z = 2.763 (two-tail)

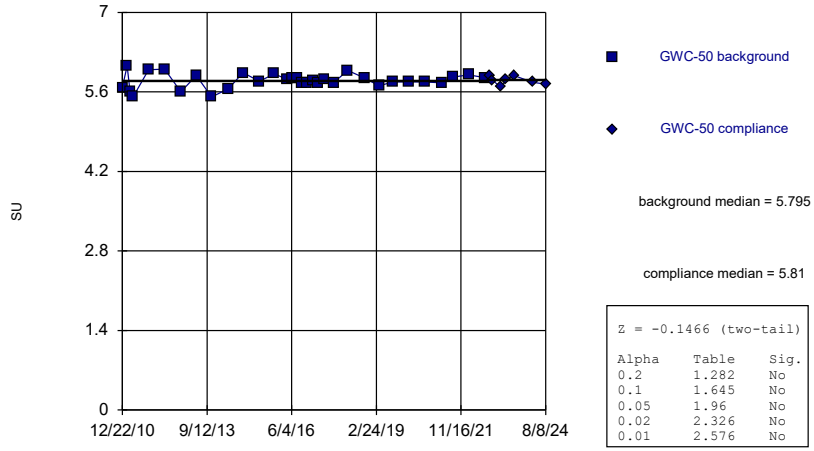
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: pH, Field Analysis Run 6/10/2025 11:33 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-50



Z = -0.1466 (two-tail)

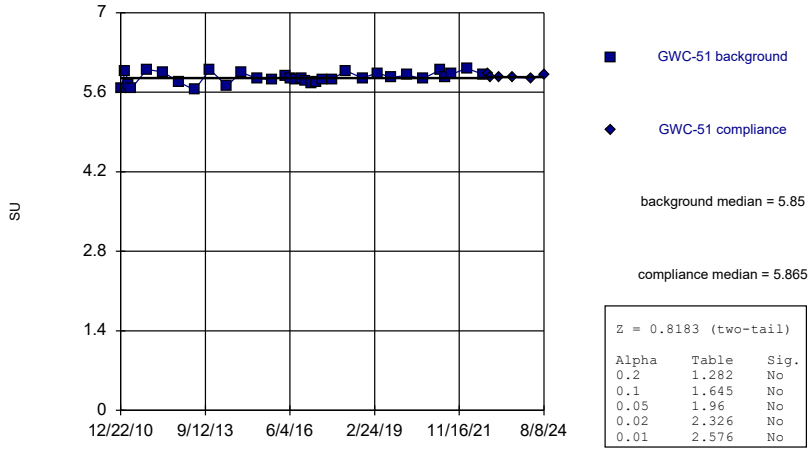
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: pH, Field Analysis Run 6/10/2025 11:33 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-51



background median = 5.85

compliance median = 5.865

Z = 0.8183 (two-tail)

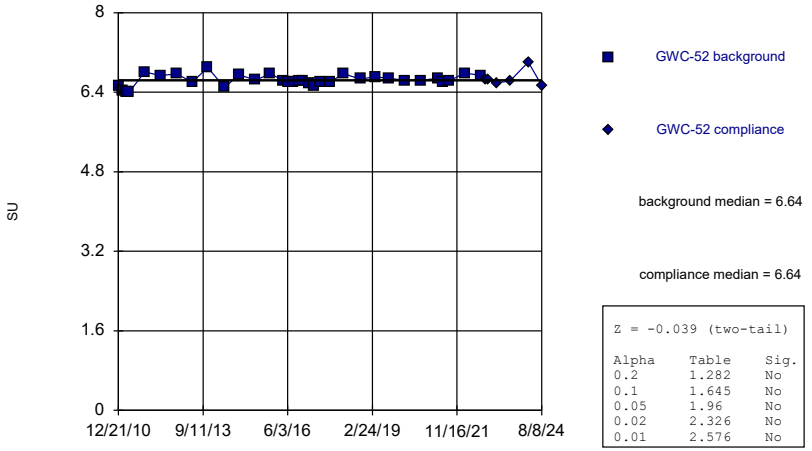
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: pH, Field Analysis Run 6/10/2025 11:33 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-52



background median = 6.64

compliance median = 6.64

Z = -0.039 (two-tail)

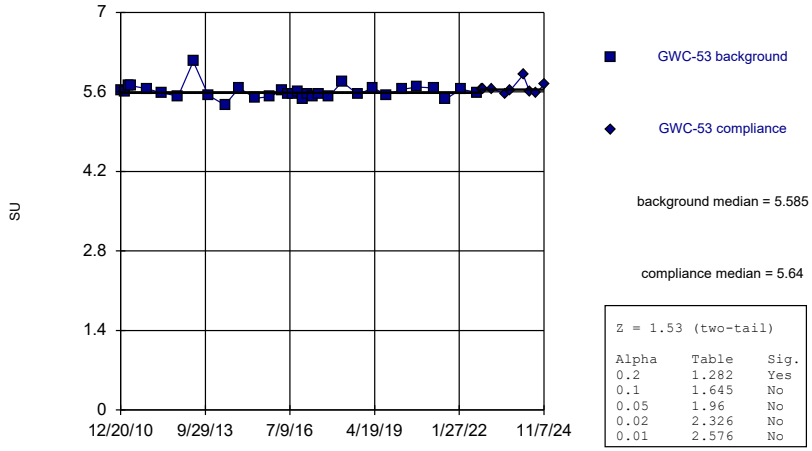
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: pH, Field Analysis Run 6/10/2025 11:33 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-53



background median = 5.585

compliance median = 5.64

Z = 1.53 (two-tail)

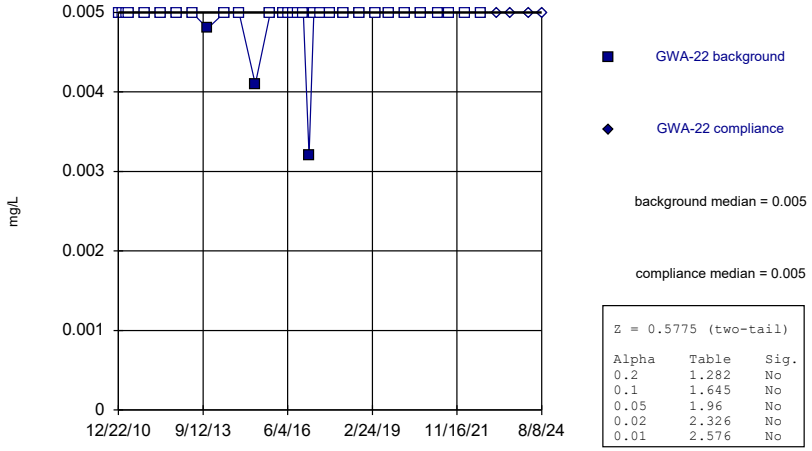
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: pH, Field Analysis Run 6/10/2025 11:33 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-22 (bg)



background median = 0.005

compliance median = 0.005

Z = 0.5775 (two-tail)

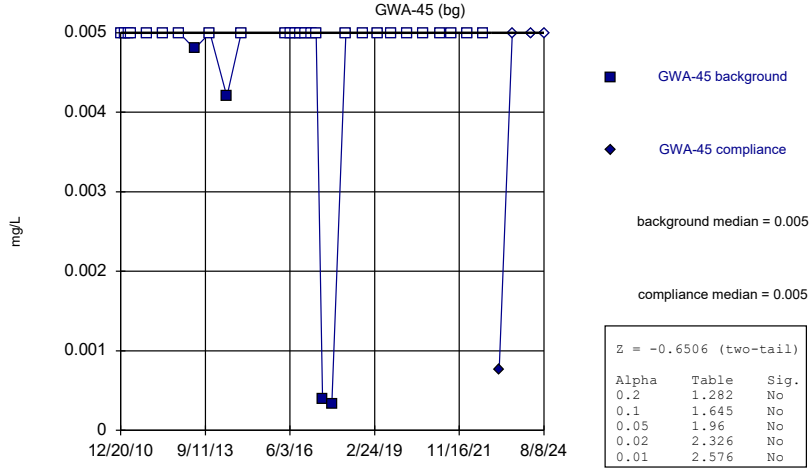
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Selenium Analysis Run 6/10/2025 11:33 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-45 (bg)



Z = -0.6506 (two-tail)

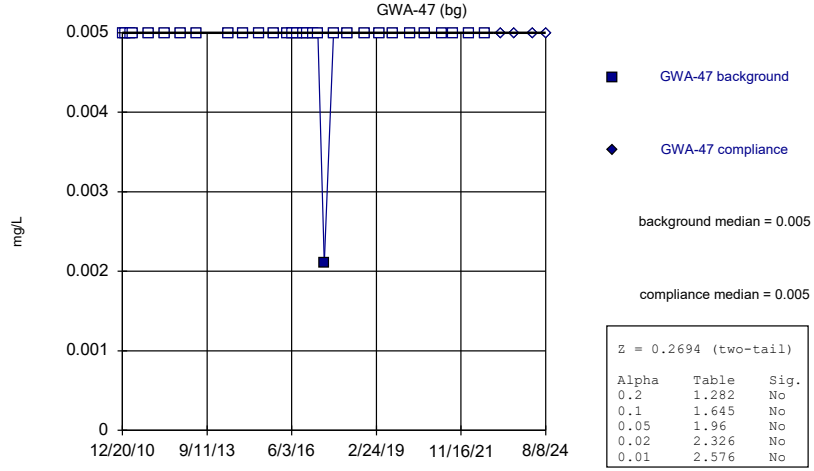
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Selenium Analysis Run 6/10/2025 11:33 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-47 (bg)



Z = 0.2694 (two-tail)

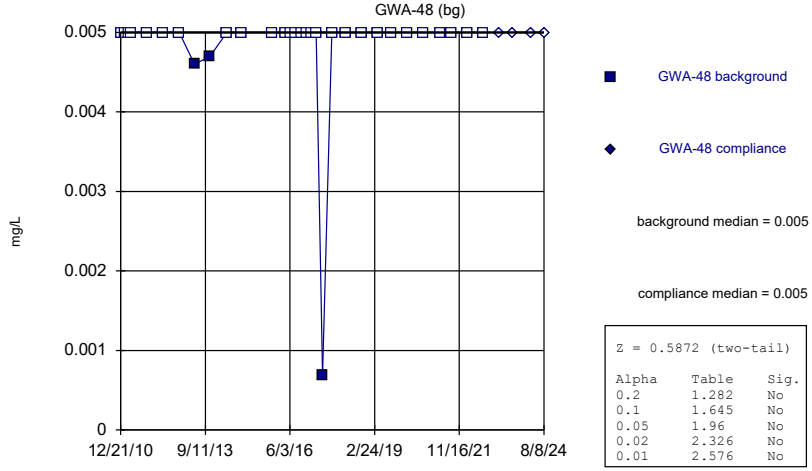
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Selenium Analysis Run 6/10/2025 11:33 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-48 (bg)



Z = 0.5872 (two-tail)

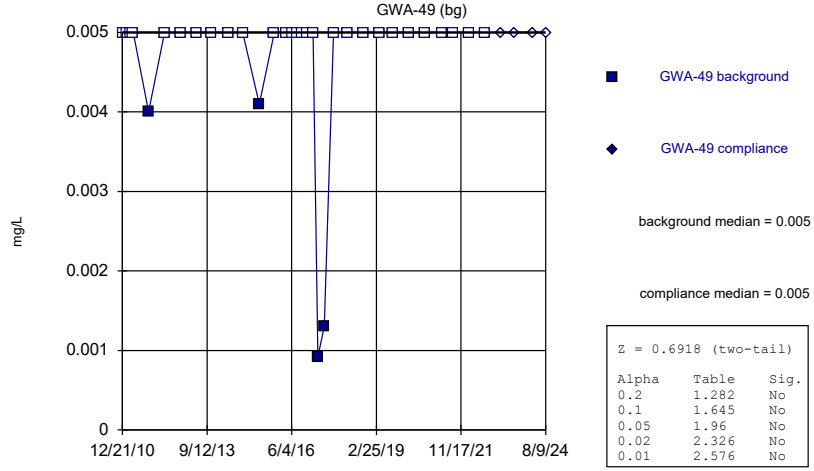
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Selenium Analysis Run 6/10/2025 11:33 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-49 (bg)



Z = 0.6918 (two-tail)

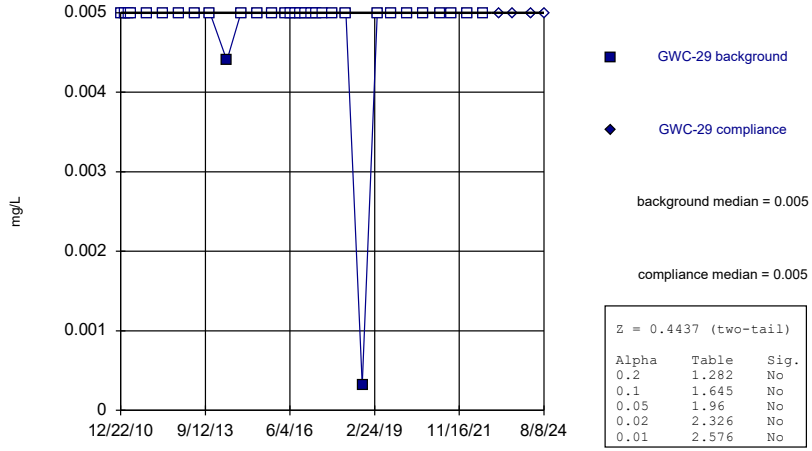
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Selenium Analysis Run 6/10/2025 11:33 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-29



Z = 0.4437 (two-tail)

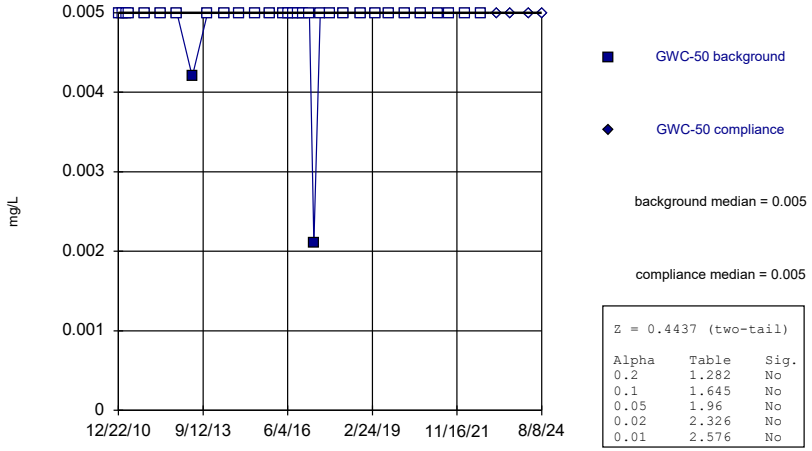
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Selenium Analysis Run 6/10/2025 11:33 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-50



Z = 0.4437 (two-tail)

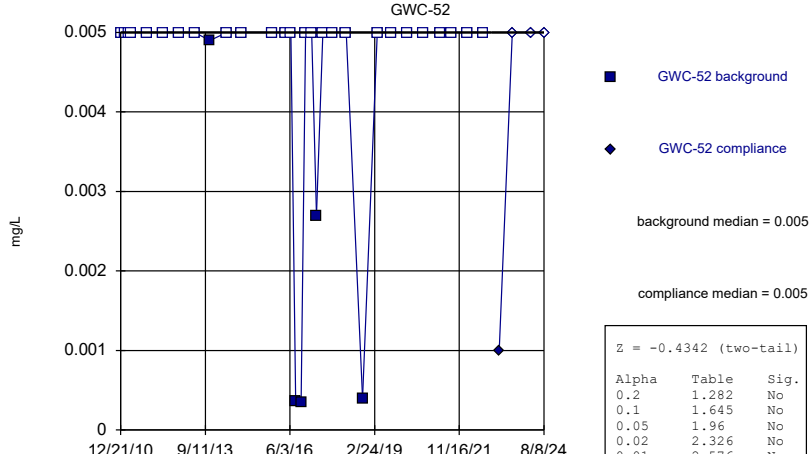
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Selenium Analysis Run 6/10/2025 11:33 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-52



Z = -0.4342 (two-tail)

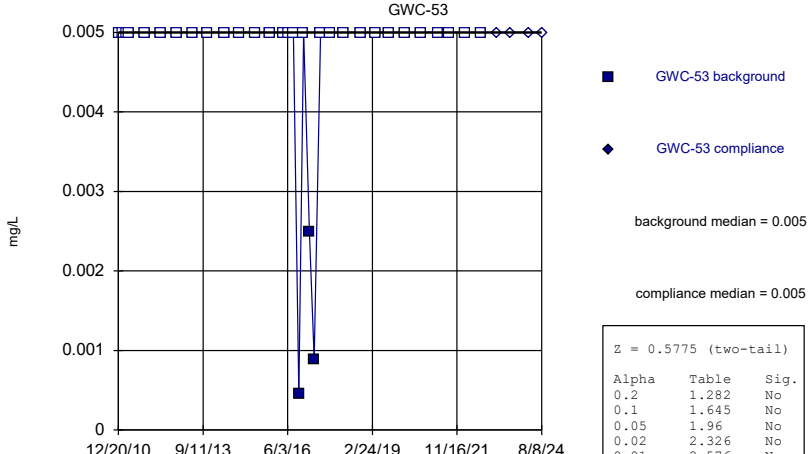
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Selenium Analysis Run 6/10/2025 11:33 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-53



Z = 0.5775 (two-tail)

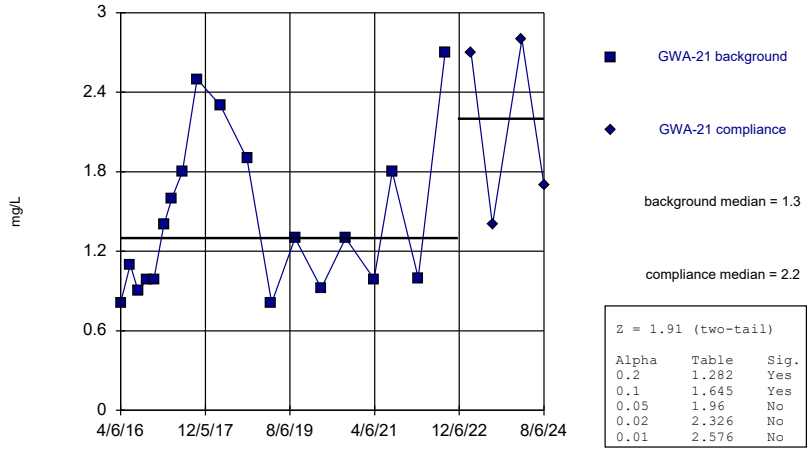
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Selenium Analysis Run 6/10/2025 11:33 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Mann-Whitney (Wilcoxon Rank Sum)

GWA-21 (bg)



Z = 1.91 (two-tail)

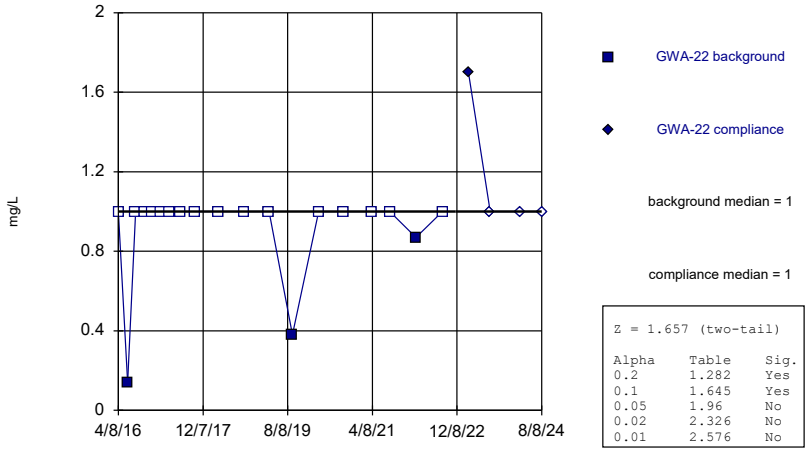
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Sulfate Analysis Run 6/10/2025 11:33 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-22 (bg)



Z = 1.657 (two-tail)

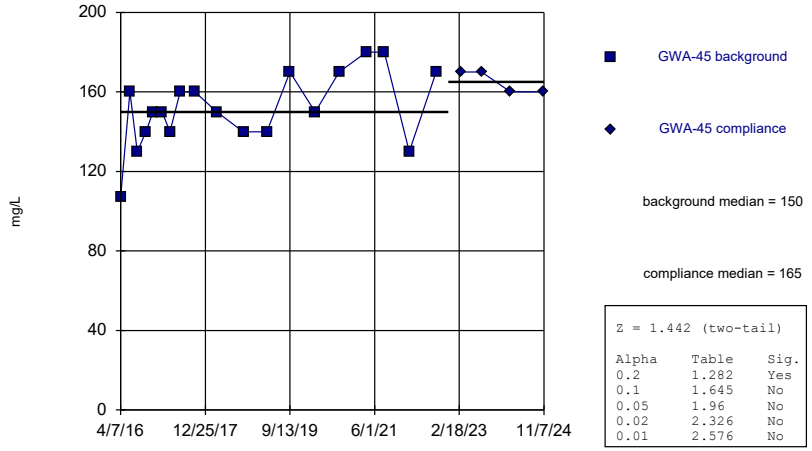
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Sulfate Analysis Run 6/10/2025 11:33 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Mann-Whitney (Wilcoxon Rank Sum)

GWA-45 (bg)



Z = 1.442 (two-tail)

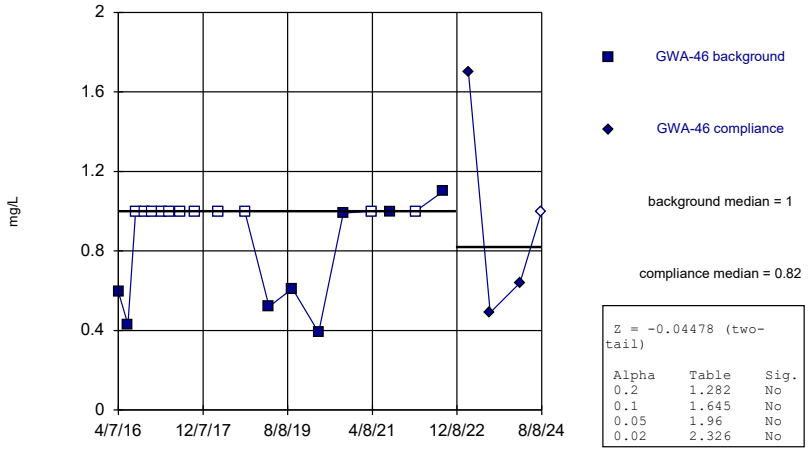
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Sulfate Analysis Run 6/10/2025 11:33 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-46 (bg)



Z = -0.04478 (two-tail)

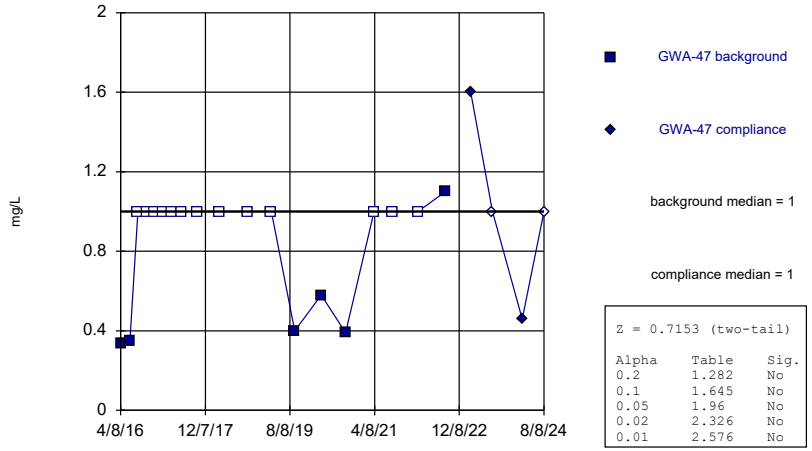
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No

Constituent: Sulfate Analysis Run 6/10/2025 11:33 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-47 (bg)



Z = 0.7153 (two-tail)

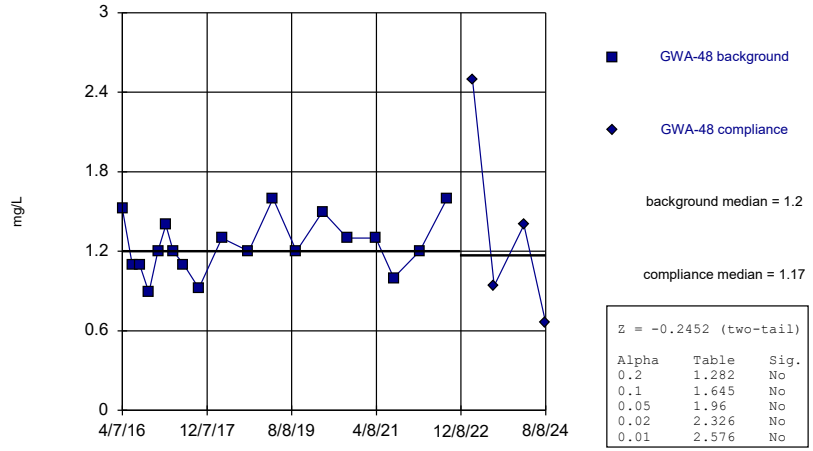
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Sulfate Analysis Run 6/10/2025 11:33 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Mann-Whitney (Wilcoxon Rank Sum)

GWA-48 (bg)



Z = -0.2452 (two-tail)

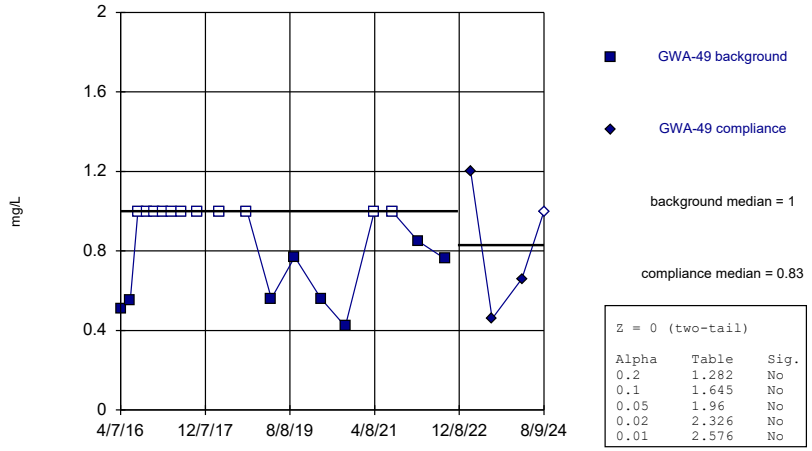
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Sulfate Analysis Run 6/10/2025 11:33 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-49 (bg)



Z = 0 (two-tail)

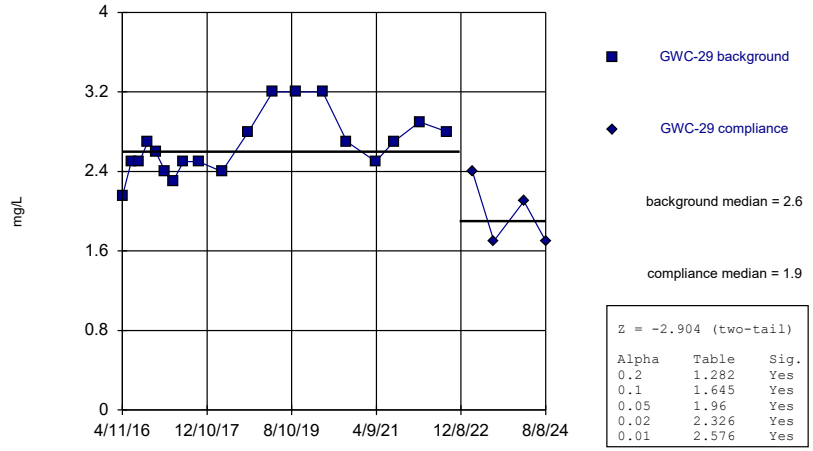
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Sulfate Analysis Run 6/10/2025 11:33 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-29



Z = -2.904 (two-tail)

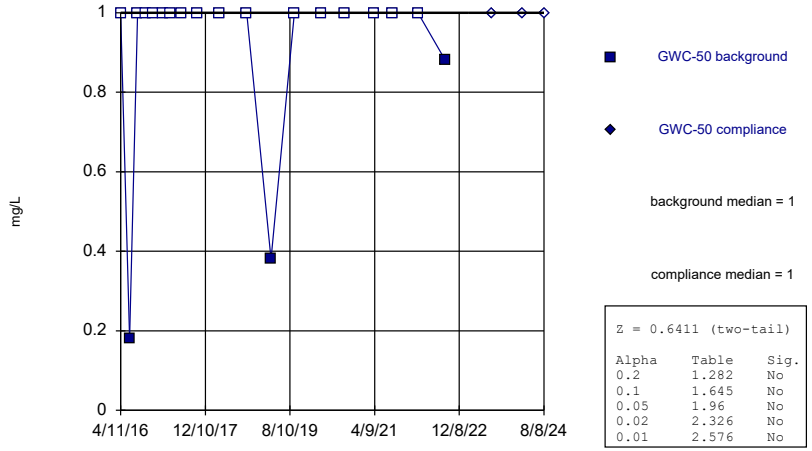
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Sulfate Analysis Run 6/10/2025 11:33 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-50



Z = 0.6411 (two-tail)

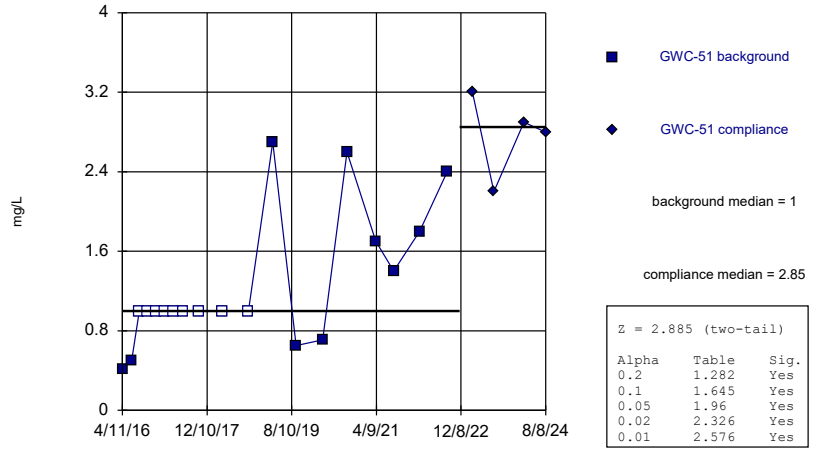
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Sulfate Analysis Run 6/10/2025 11:33 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-51



Z = 2.885 (two-tail)

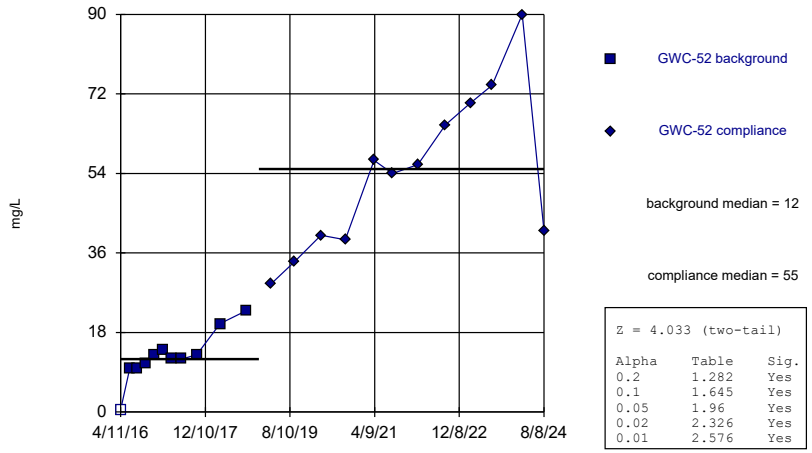
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Sulfate Analysis Run 6/10/2025 11:33 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-52



Z = 4.033 (two-tail)

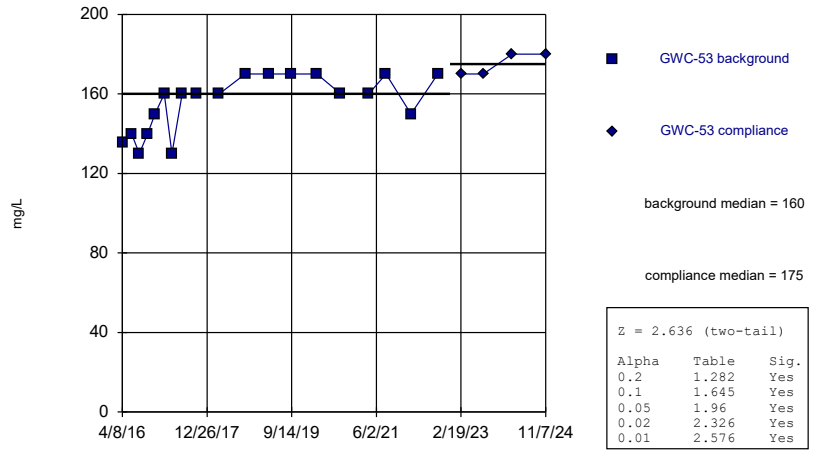
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Sulfate Analysis Run 6/10/2025 11:33 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-53



Z = 2.636 (two-tail)

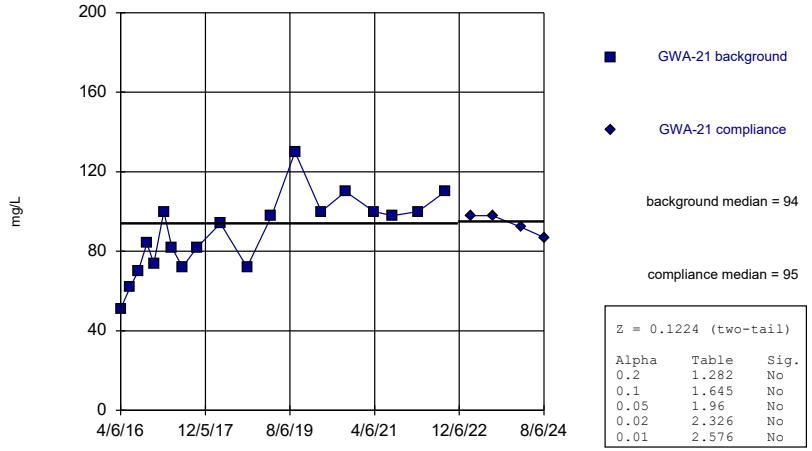
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: Sulfate Analysis Run 6/10/2025 11:33 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Mann-Whitney (Wilcoxon Rank Sum)

GWA-21 (bg)



Z = 0.1224 (two-tail)

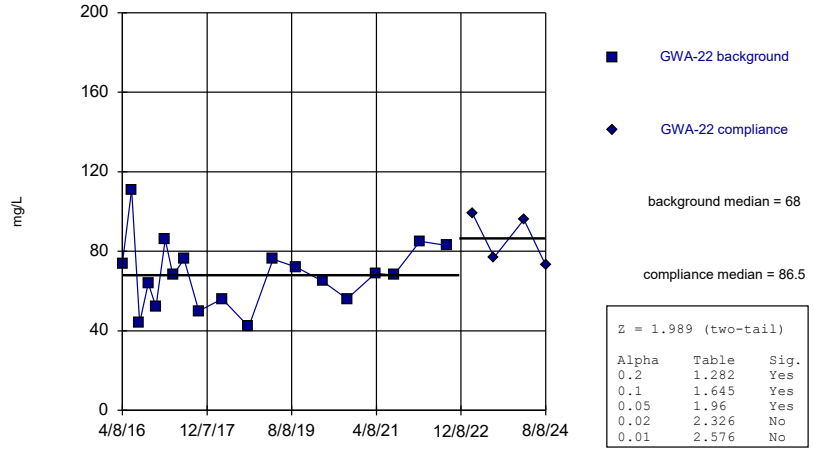
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: TDS Analysis Run 6/10/2025 11:33 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Mann-Whitney (Wilcoxon Rank Sum)

GWA-22 (bg)



Z = 1.989 (two-tail)

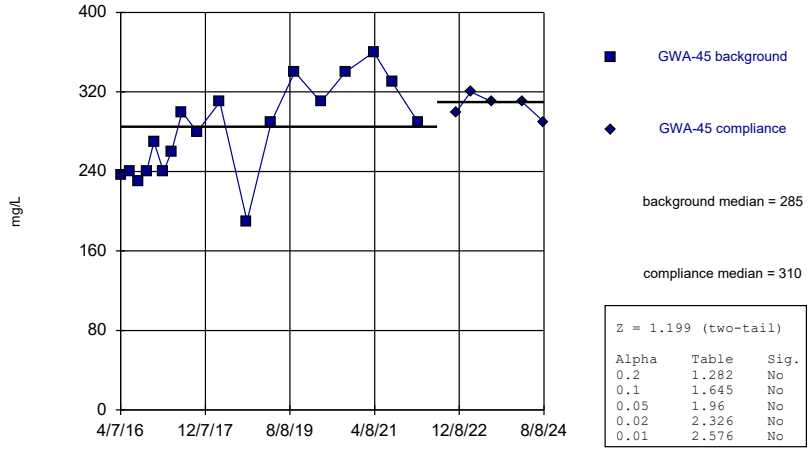
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	No
0.01	2.576	No

Constituent: TDS Analysis Run 6/10/2025 11:33 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Mann-Whitney (Wilcoxon Rank Sum)

GWA-45 (bg)



Z = 1.199 (two-tail)

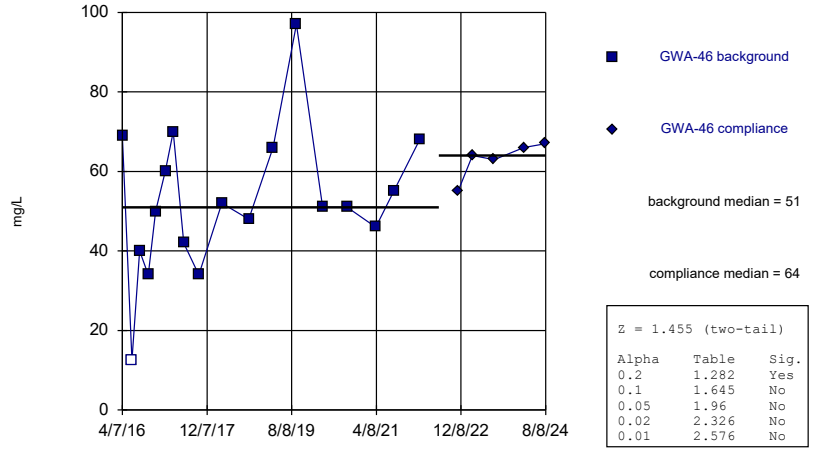
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: TDS Analysis Run 6/10/2025 11:33 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-46 (bg)



Z = 1.455 (two-tail)

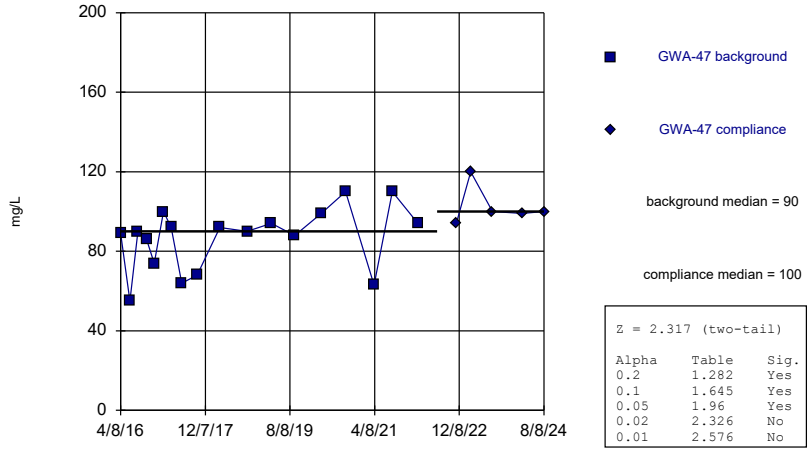
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: TDS Analysis Run 6/10/2025 11:33 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Mann-Whitney (Wilcoxon Rank Sum)

GWA-47 (bg)



Z = 2.317 (two-tail)

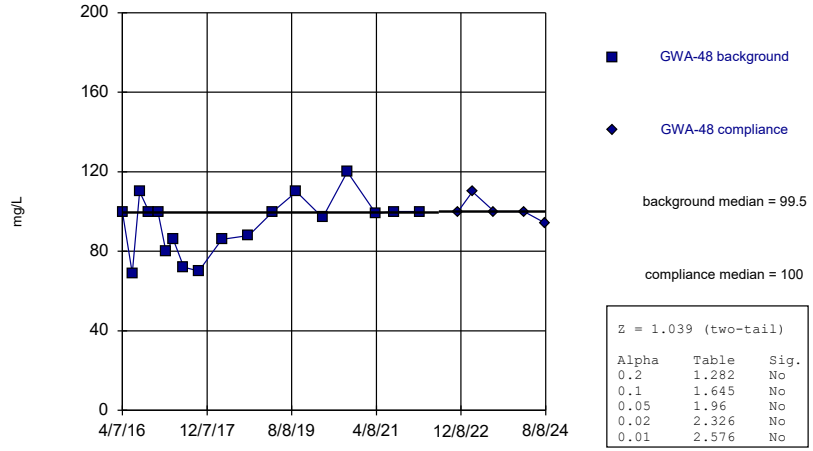
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	No
0.01	2.576	No

Constituent: TDS Analysis Run 6/10/2025 11:33 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Mann-Whitney (Wilcoxon Rank Sum)

GWA-48 (bg)



Z = 1.039 (two-tail)

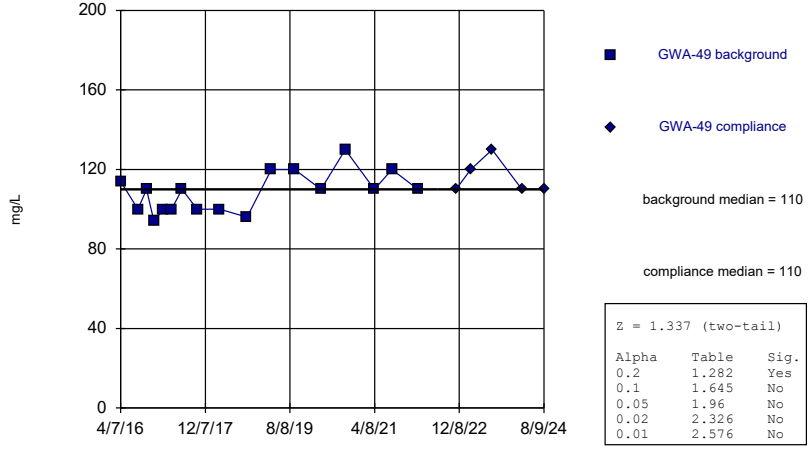
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: TDS Analysis Run 6/10/2025 11:33 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Mann-Whitney (Wilcoxon Rank Sum)

GWA-49 (bg)



Z = 1.337 (two-tail)

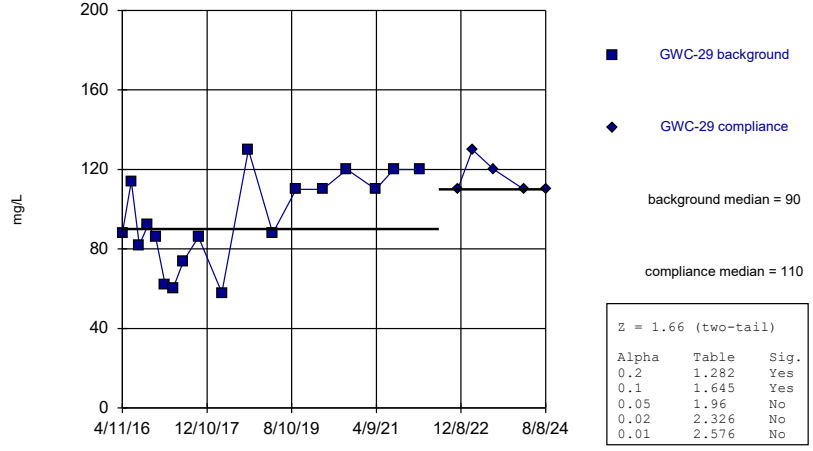
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: TDS Analysis Run 6/10/2025 11:34 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-29



Z = 1.66 (two-tail)

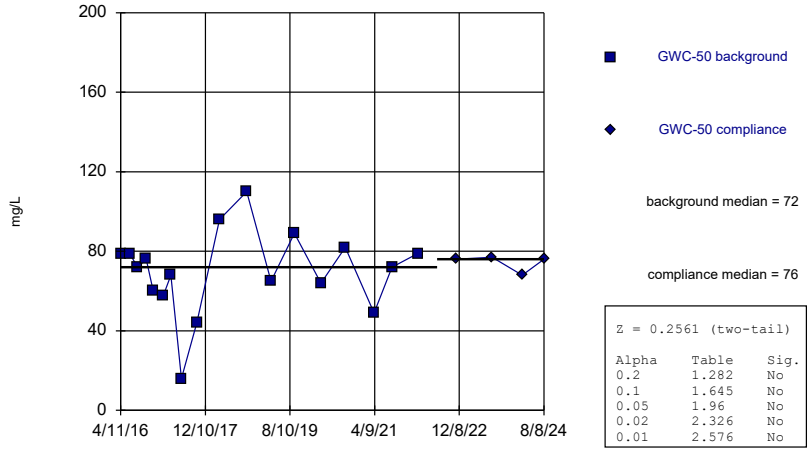
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: TDS Analysis Run 6/10/2025 11:34 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-50



Z = 0.2561 (two-tail)

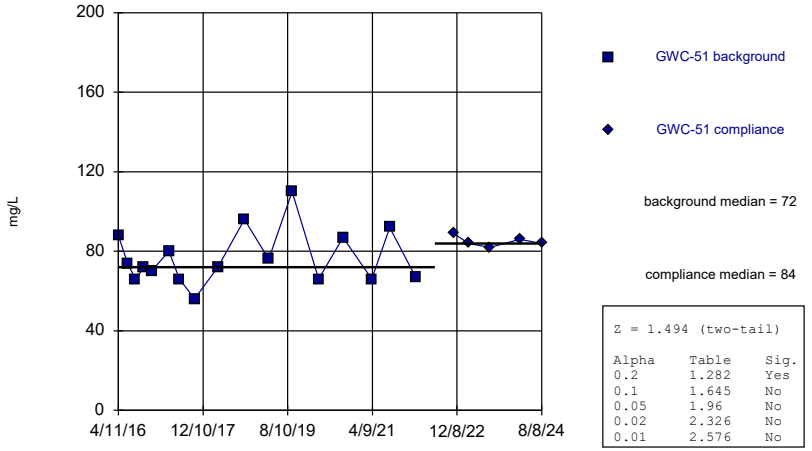
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: TDS Analysis Run 6/10/2025 11:34 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-51



Z = 1.494 (two-tail)

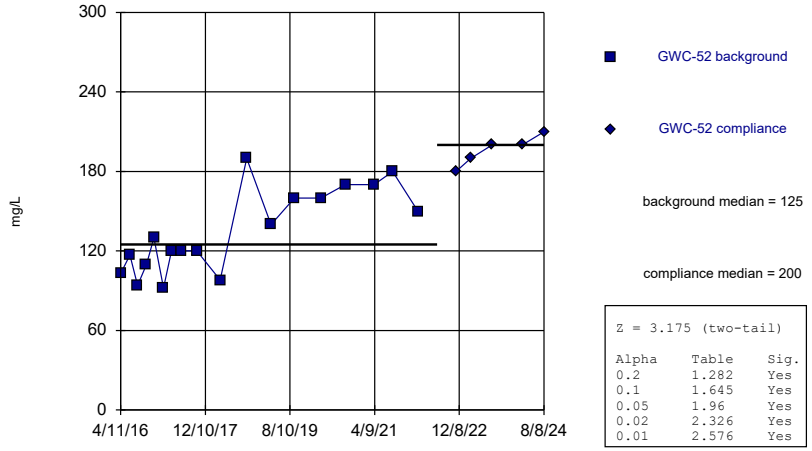
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: TDS Analysis Run 6/10/2025 11:34 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-52



Z = 3.175 (two-tail)

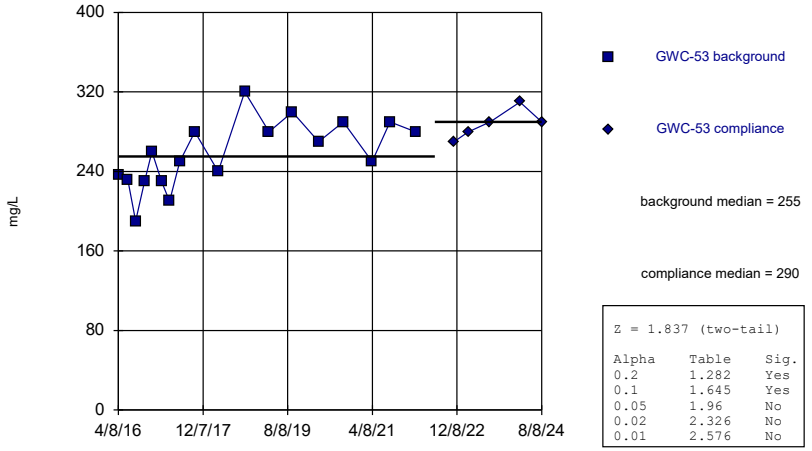
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	Yes

Constituent: TDS Analysis Run 6/10/2025 11:34 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-53



Z = 1.837 (two-tail)

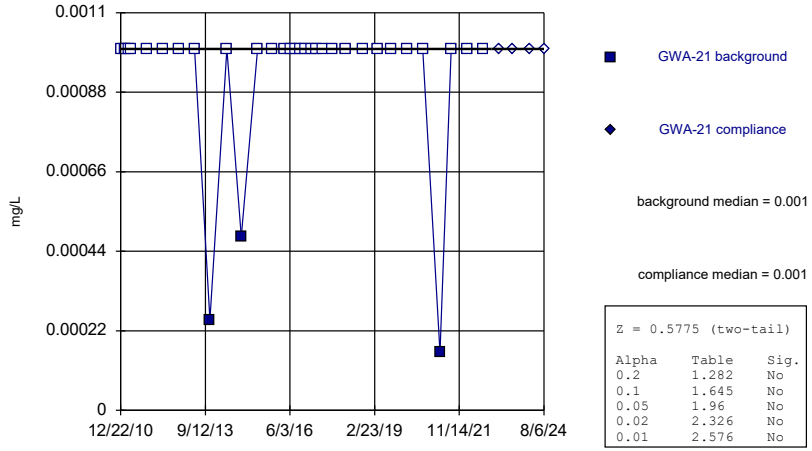
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: TDS Analysis Run 6/10/2025 11:34 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-21 (bg)



Z = 0.5775 (two-tail)

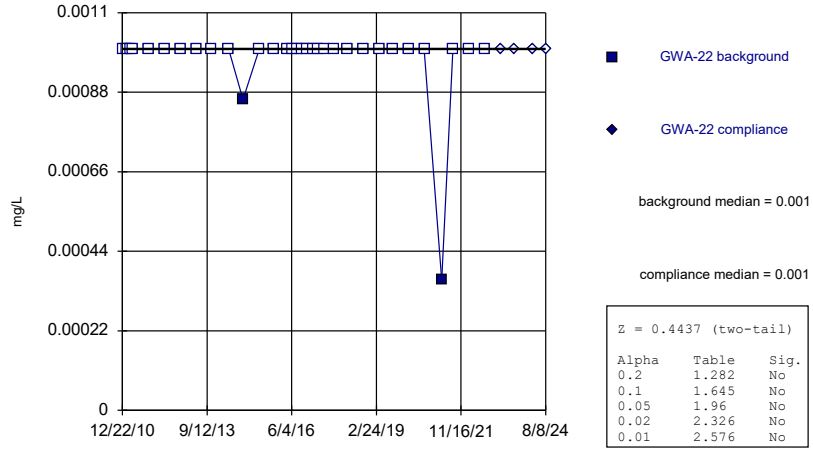
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Thallium Analysis Run 6/10/2025 11:34 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-22 (bg)



Z = 0.4437 (two-tail)

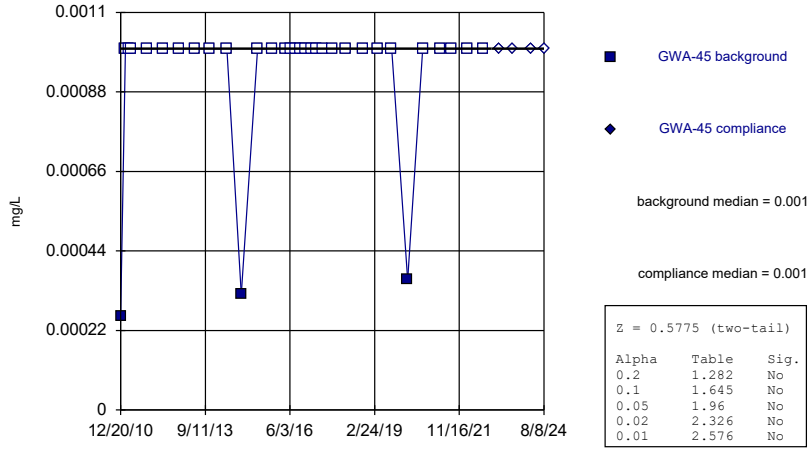
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Thallium Analysis Run 6/10/2025 11:34 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-45 (bg)



Z = 0.5775 (two-tail)

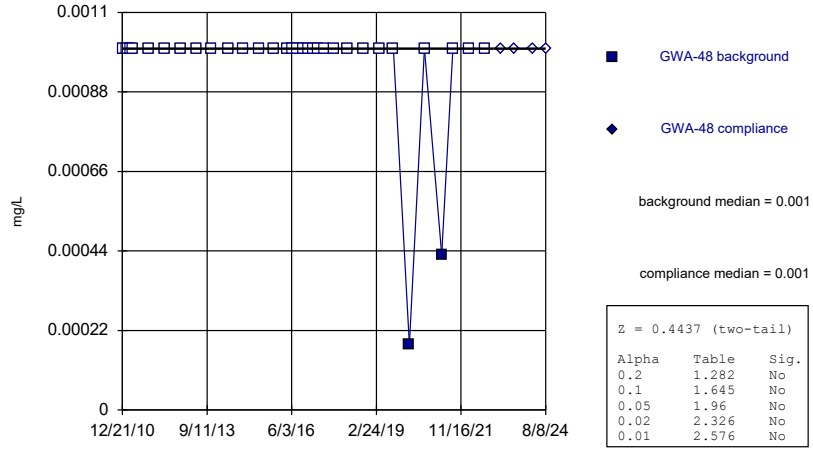
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Thallium Analysis Run 6/10/2025 11:34 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-48 (bg)



Z = 0.4437 (two-tail)

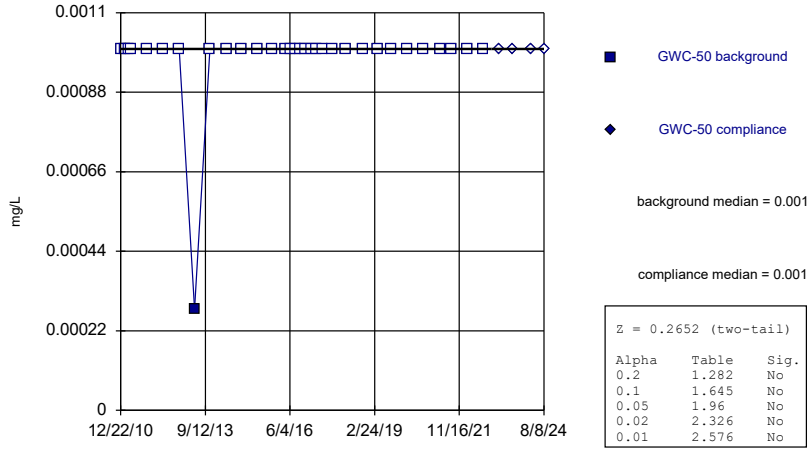
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Thallium Analysis Run 6/10/2025 11:34 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-50



Z = 0.2652 (two-tail)

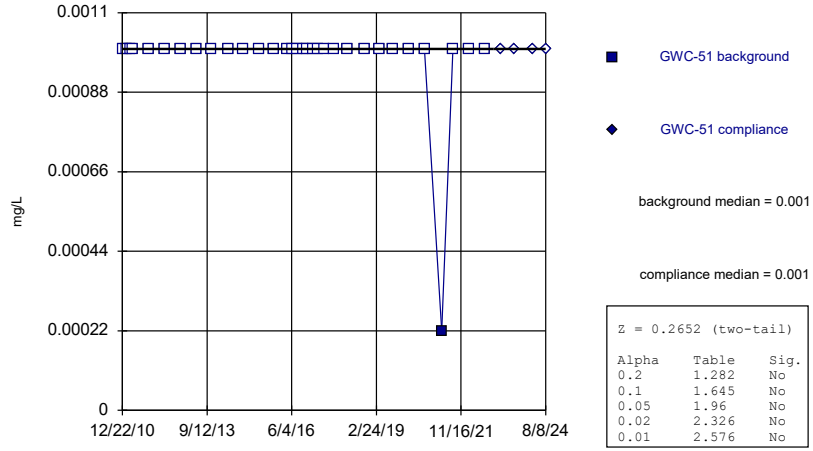
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Thallium Analysis Run 6/10/2025 11:34 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-51



Z = 0.2652 (two-tail)

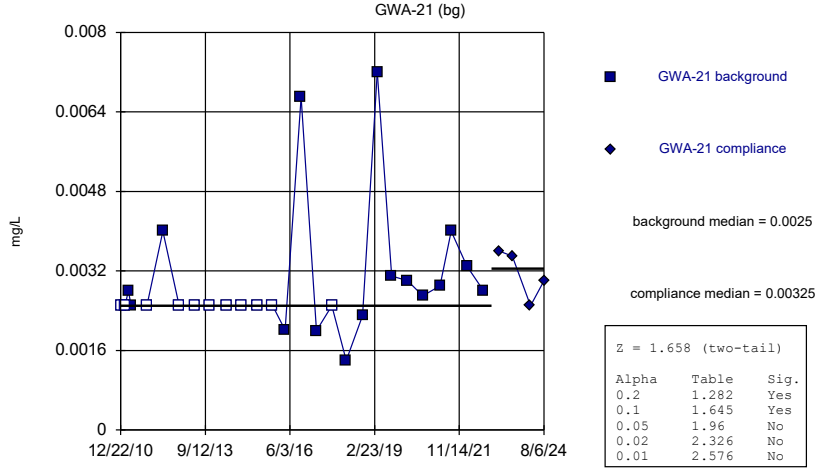
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Thallium Analysis Run 6/10/2025 11:34 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-21 (bg)



Z = 1.658 (two-tail)

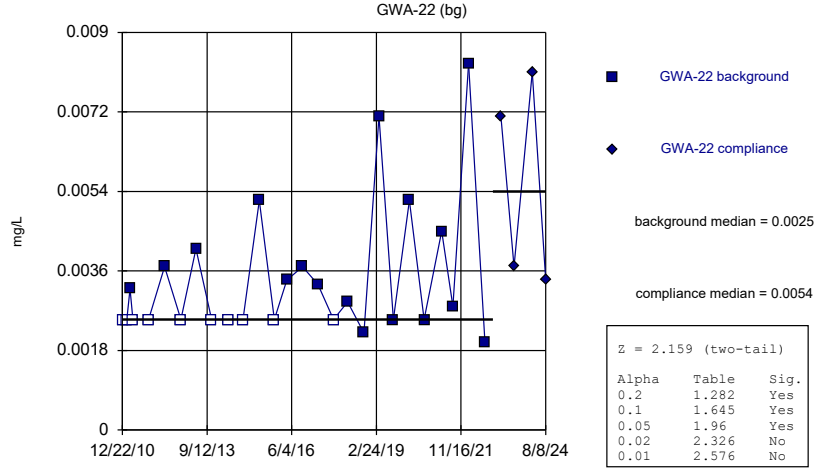
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Vanadium Analysis Run 6/10/2025 11:34 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-22 (bg)



Z = 2.159 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	No
0.01	2.576	No

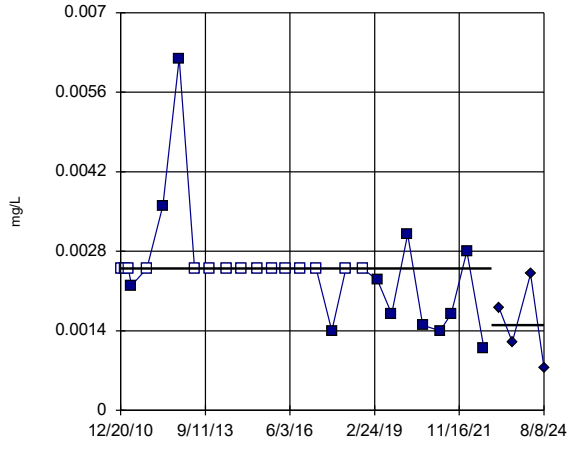
Constituent: Vanadium Analysis Run 6/10/2025 11:34 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-45 (bg)



GWA-45 background

GWA-45 compliance

background median = 0.0025

compliance median = 0.0015

Z = -2.472 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	Yes
0.01	2.576	No

Constituent: Vanadium Analysis Run 6/10/2025 11:34 AM View: Mann-Whitney

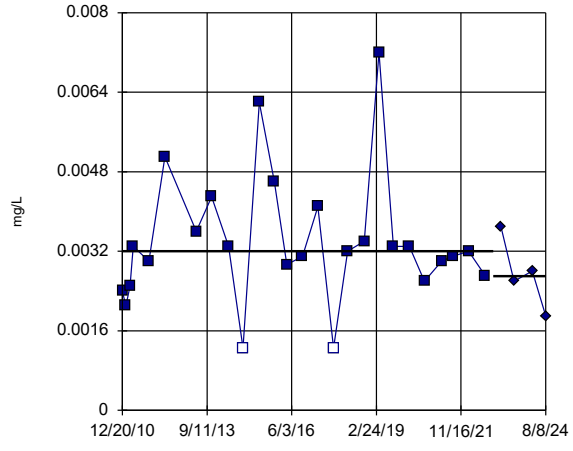
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-46 (bg)



GWA-46 background

GWA-46 compliance

background median = 0.0032

compliance median = 0.0027

Z = -1.1 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

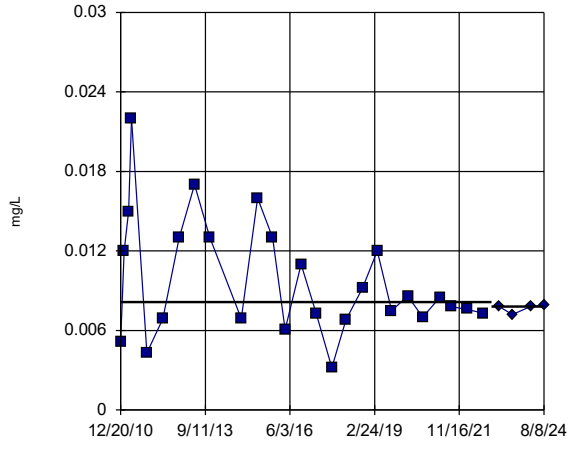
Constituent: Vanadium Analysis Run 6/10/2025 11:34 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

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Mann-Whitney (Wilcoxon Rank Sum)

GWA-47 (bg)



GWA-47 background

GWA-47 compliance

background median = 0.00815

compliance median = 0.0078

Z = -0.397 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

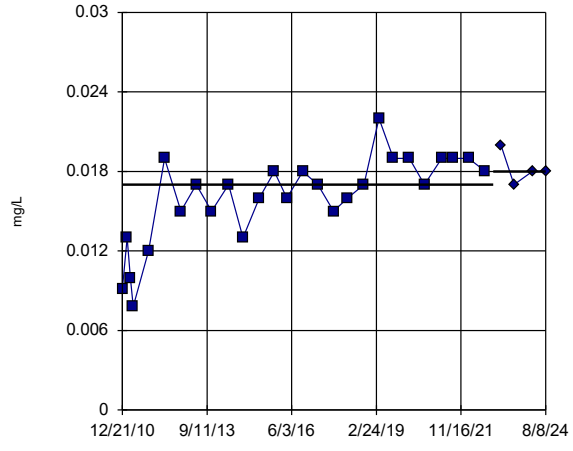
Constituent: Vanadium Analysis Run 6/10/2025 11:34 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Mann-Whitney (Wilcoxon Rank Sum)

GWA-48 (bg)



GWA-48 background

GWA-48 compliance

background median = 0.017

compliance median = 0.018

Z = 1.369 (two-tail)

Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

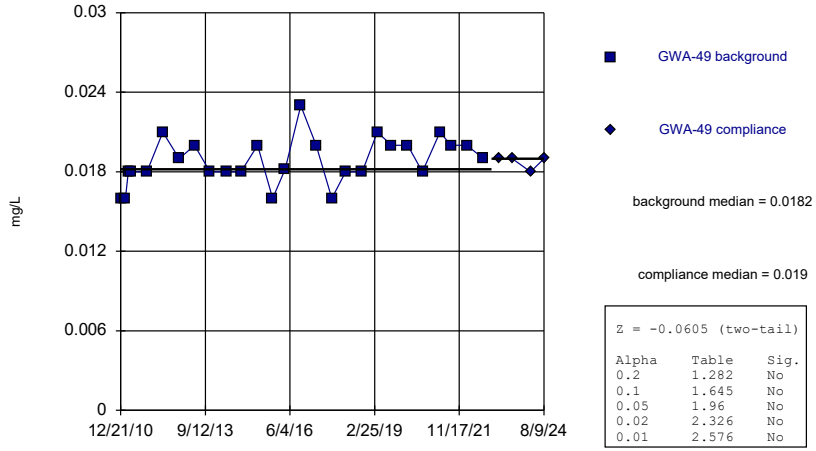
Constituent: Vanadium Analysis Run 6/10/2025 11:34 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

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Mann-Whitney (Wilcoxon Rank Sum)

GWA-49 (bg)



background median = 0.0182

compliance median = 0.019

Z = -0.0605 (two-tail)

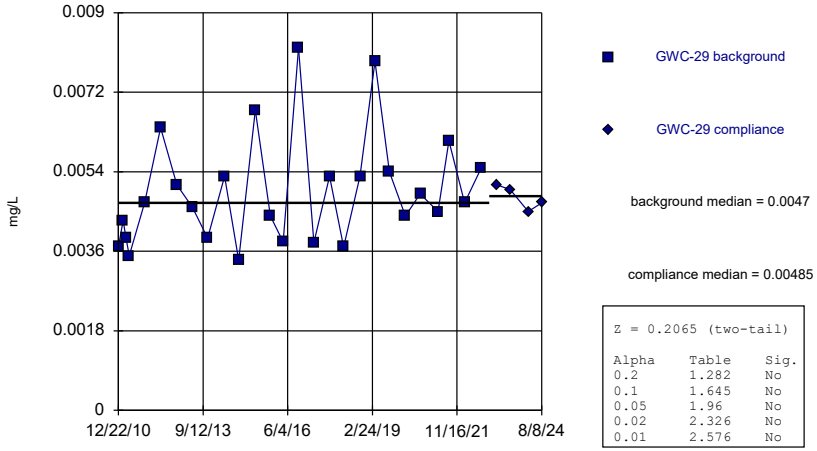
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Vanadium Analysis Run 6/10/2025 11:34 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-29



background median = 0.0047

compliance median = 0.00485

Z = 0.2065 (two-tail)

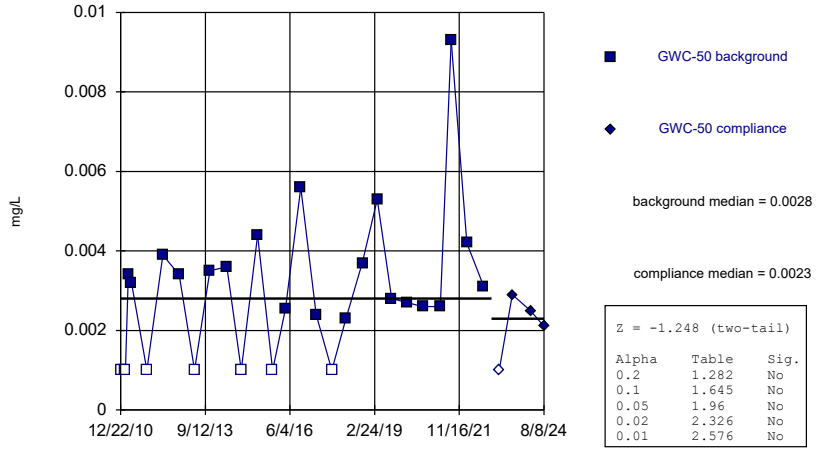
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Vanadium Analysis Run 6/10/2025 11:34 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-50



background median = 0.0028

compliance median = 0.0023

Z = -1.248 (two-tail)

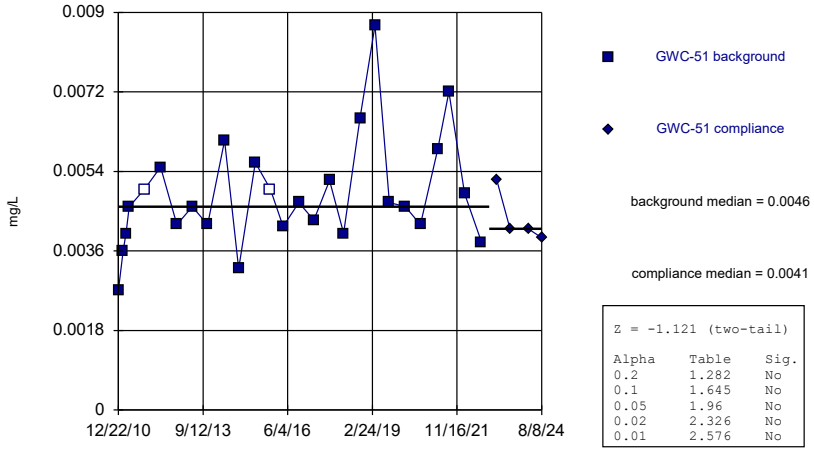
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Vanadium Analysis Run 6/10/2025 11:34 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-51



background median = 0.0046

compliance median = 0.0041

Z = -1.121 (two-tail)

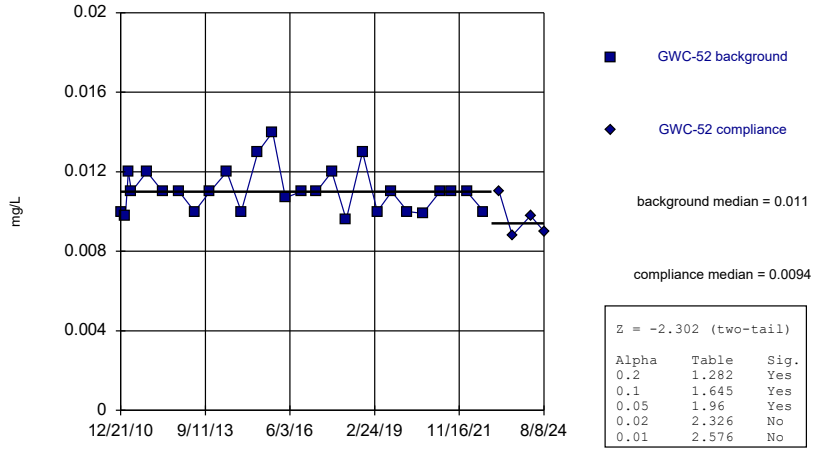
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Vanadium Analysis Run 6/10/2025 11:34 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Mann-Whitney (Wilcoxon Rank Sum)

GWC-52



Z = -2.302 (two-tail)

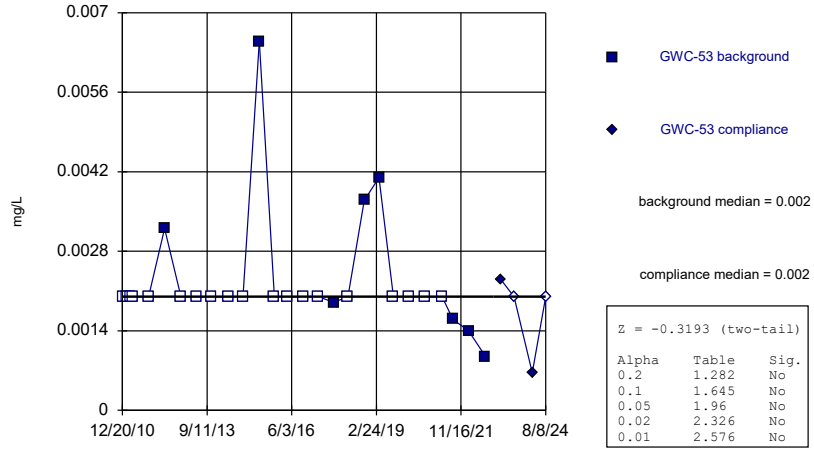
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	Yes
0.05	1.96	Yes
0.02	2.326	No
0.01	2.576	No

Constituent: Vanadium Analysis Run 6/10/2025 11:34 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-53



Z = -0.3193 (two-tail)

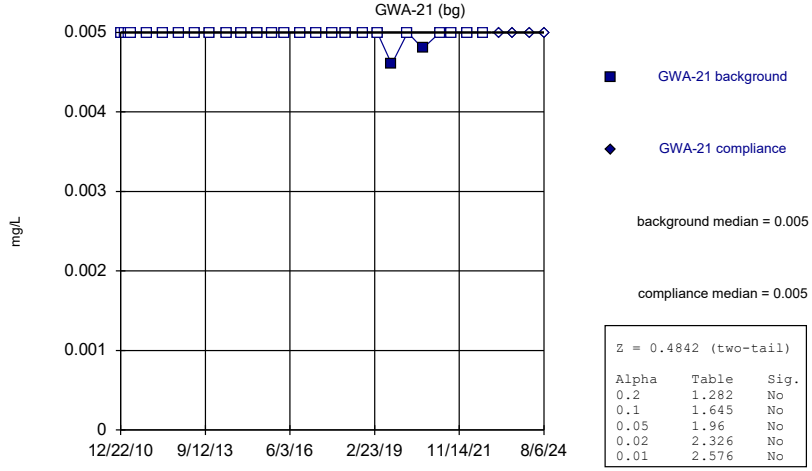
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Vanadium Analysis Run 6/10/2025 11:34 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-21 (bg)



Z = 0.4842 (two-tail)

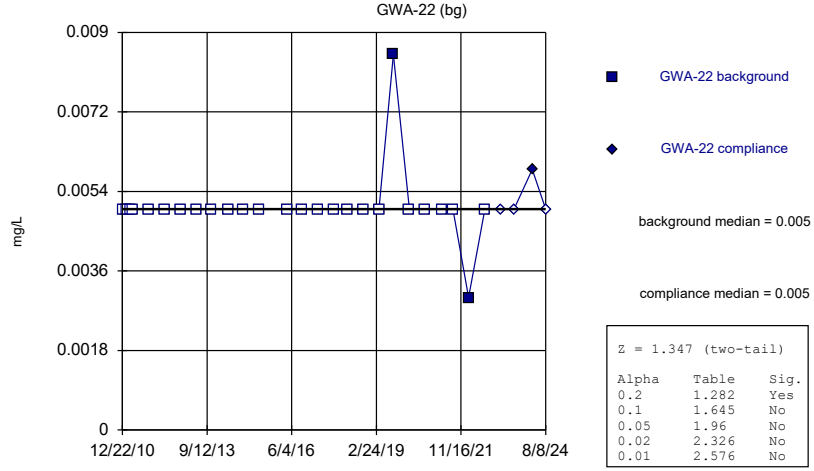
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Zinc Analysis Run 6/10/2025 11:34 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-22 (bg)



Z = 1.347 (two-tail)

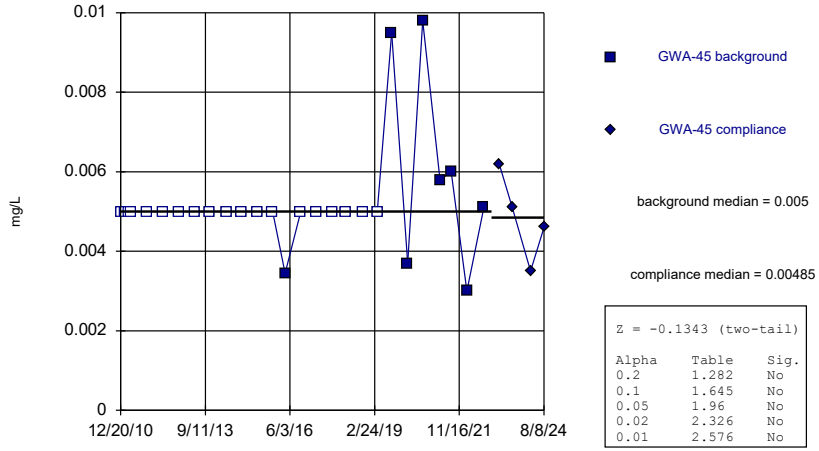
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Zinc Analysis Run 6/10/2025 11:34 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-45 (bg)



Z = -0.1343 (two-tail)

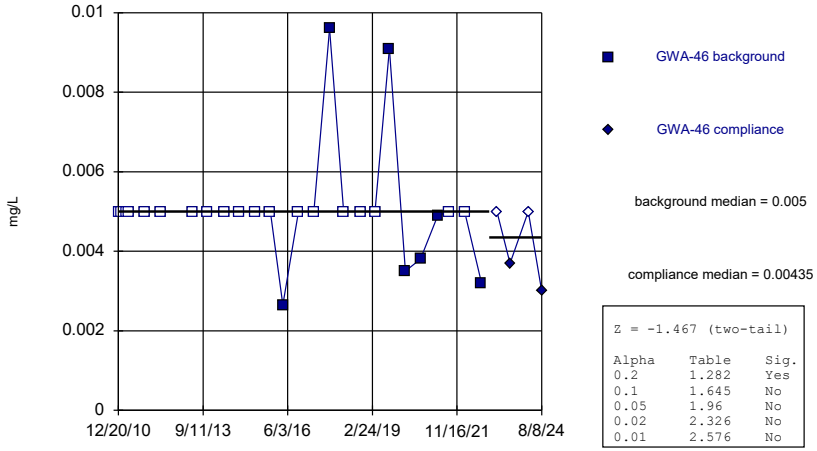
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Zinc Analysis Run 6/10/2025 11:34 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-46 (bg)



Z = -1.467 (two-tail)

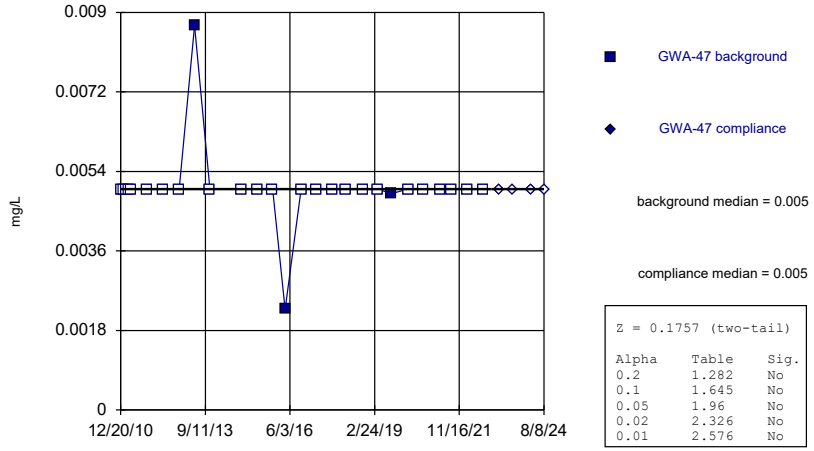
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Zinc Analysis Run 6/10/2025 11:34 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-47 (bg)



Z = 0.1757 (two-tail)

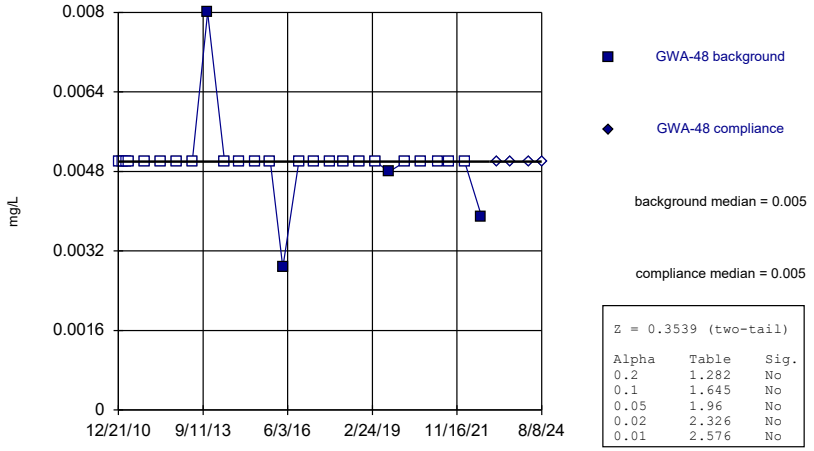
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Zinc Analysis Run 6/10/2025 11:34 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-48 (bg)



Z = 0.3539 (two-tail)

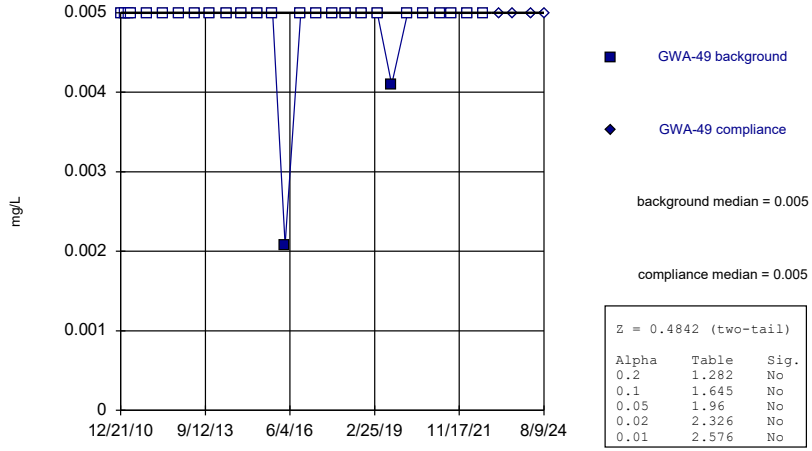
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Zinc Analysis Run 6/10/2025 11:34 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWA-49 (bg)



Z = 0.4842 (two-tail)

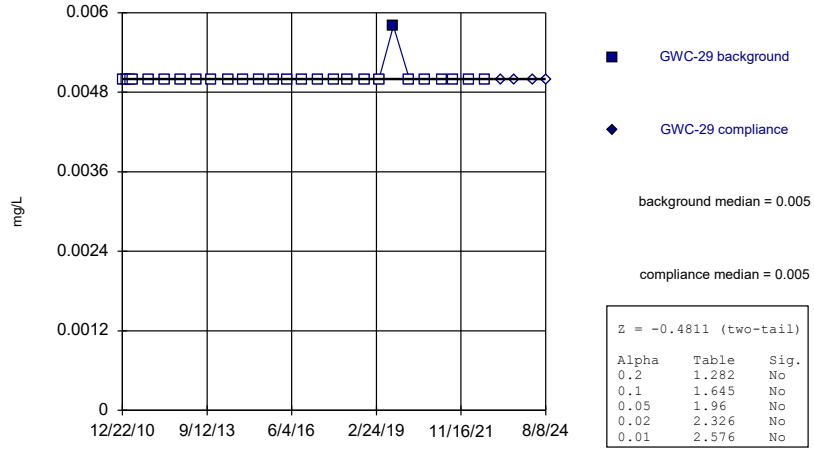
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Zinc Analysis Run 6/10/2025 11:34 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-29



Z = -0.4811 (two-tail)

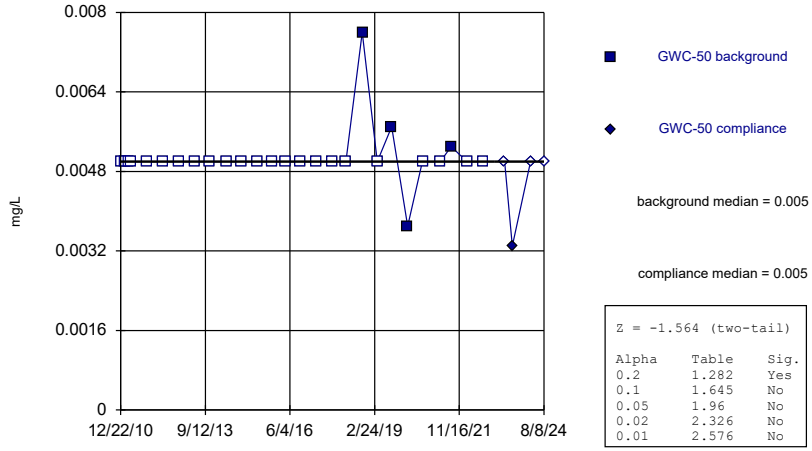
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Zinc Analysis Run 6/10/2025 11:34 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-50



Z = -1.564 (two-tail)

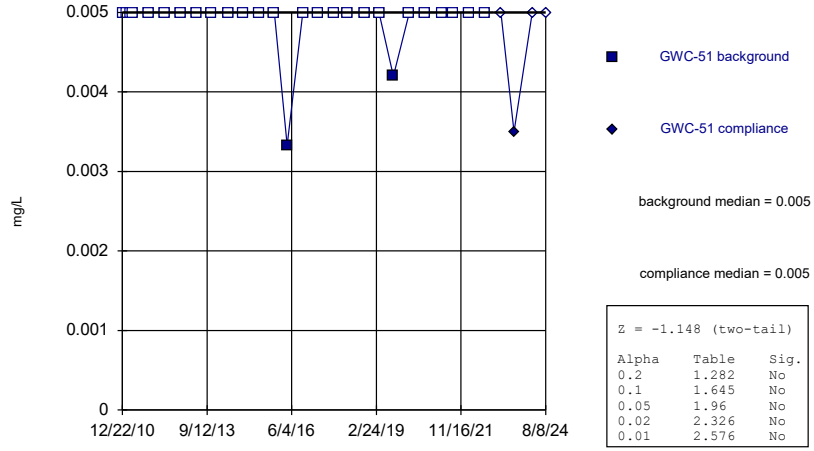
Alpha	Table	Sig.
0.2	1.282	Yes
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Zinc Analysis Run 6/10/2025 11:34 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-51



Z = -1.148 (two-tail)

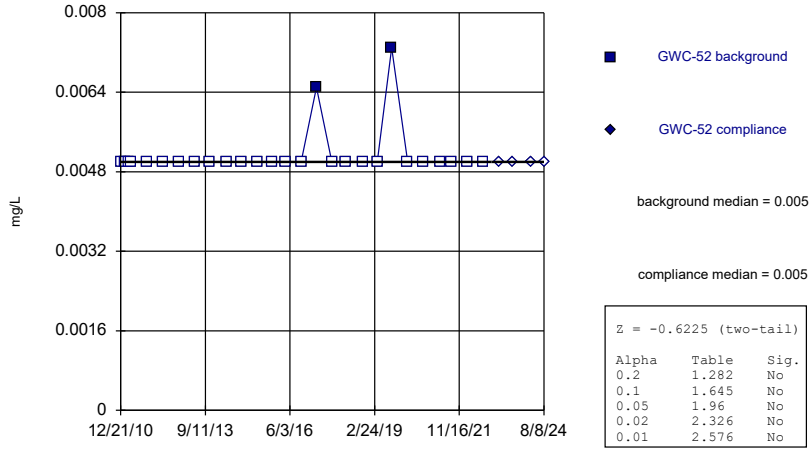
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Zinc Analysis Run 6/10/2025 11:34 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Mann-Whitney (Wilcoxon Rank Sum)

GWC-52



Z = -0.6225 (two-tail)

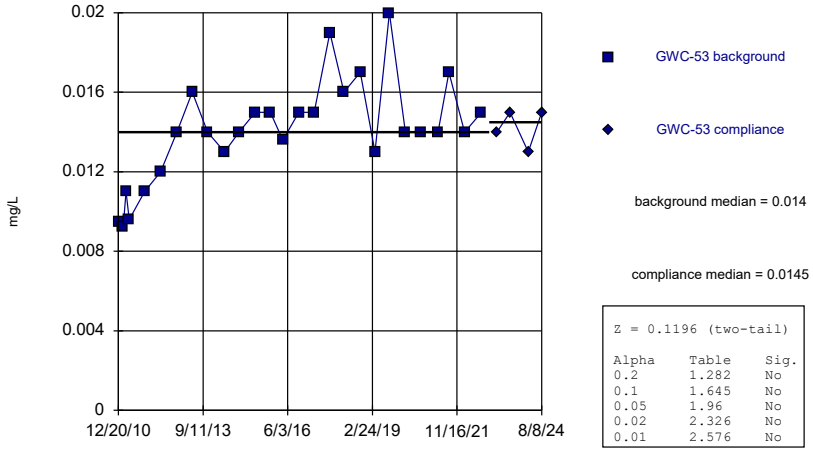
Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Zinc Analysis Run 6/10/2025 11:34 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.26 Software licensed to Groundwater Stats Consulting. UG

Mann-Whitney (Wilcoxon Rank Sum)

GWC-53



Z = 0.1196 (two-tail)

Alpha	Table	Sig.
0.2	1.282	No
0.1	1.645	No
0.05	1.96	No
0.02	2.326	No
0.01	2.576	No

Constituent: Zinc Analysis Run 6/10/2025 11:34 AM View: Mann-Whitney
Plant Scherer Client: Southern Company Data: Scherer PAC

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Antimony (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21	GWA-21
12/22/2010	<0.002	
2/14/2011	<0.002	
3/22/2011	<0.002	
4/26/2011	<0.002	
10/27/2011	<0.002	
5/1/2012	<0.002	
11/8/2012	<0.002	
5/7/2013	<0.002	
11/4/2013	<0.002	
5/24/2014	<0.002	
11/8/2014	<0.002	
5/21/2015	<0.002	
11/13/2015	<0.002	
4/6/2016	<0.002	
6/14/2016	<0.002	
8/10/2016	0.001 (J)	
10/11/2016	<0.002	
12/2/2016	<0.002	
2/10/2017	<0.002	
4/10/2017	<0.002	
6/23/2017	<0.002	
10/9/2017	<0.002	
3/26/2018	<0.002	
10/3/2018	<0.002	
3/27/2019	<0.002	
9/12/2019	<0.002	
3/19/2020	<0.002	
9/10/2020	<0.002	
4/2/2021	<0.002	
8/12/2021	<0.002	
2/14/2022	<0.002	
8/26/2022	<0.002	
2/28/2023		<0.002
8/2/2023		<0.002
2/29/2024		<0.002
8/6/2024		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Antimony (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-46	GWA-46
12/20/2010	<0.002	
2/1/2011	<0.002	
3/21/2011	<0.002	
4/26/2011	<0.002	
10/27/2011	<0.002	
5/2/2012	<0.002	
11/8/2012	<0.002	
5/7/2013	<0.002	
11/4/2013	<0.002	
5/24/2014	<0.002	
11/7/2014	<0.002	
5/20/2015	<0.002	
11/13/2015	<0.002	
4/7/2016	<0.002	
6/14/2016	0.0004 (J)	
8/9/2016	<0.002	
10/10/2016	<0.002	
12/2/2016	<0.002	
2/10/2017	<0.002	
4/7/2017	<0.002	
6/23/2017	<0.002	
10/10/2017	<0.002	
3/23/2018	<0.002	
10/4/2018	<0.002	
3/27/2019	<0.002	
9/12/2019	<0.002	
3/19/2020	<0.002	
9/11/2020	<0.002	
4/5/2021	<0.002	
8/12/2021	<0.002	
2/14/2022	<0.002	
8/31/2022	<0.002	
2/28/2023		<0.002
8/3/2023		<0.002
3/4/2024		<0.002
8/8/2024		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Antimony (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-47	GWA-47
12/20/2010	<0.002	
2/1/2011	<0.002	
3/23/2011	<0.002	
4/27/2011	<0.002	
10/26/2011	<0.002	
5/1/2012	<0.002	
11/8/2012	<0.002	
5/7/2013	<0.002	
11/5/2013	<0.002	
5/23/2014	<0.002	
11/7/2014	<0.002	
5/21/2015	<0.002	
11/12/2015	<0.002	
4/8/2016	<0.002	
6/14/2016	<0.002	
8/9/2016	<0.002	
10/11/2016	<0.002	
12/5/2016	<0.002	
2/10/2017	<0.002	
4/7/2017	<0.002	
6/22/2017	<0.002	
10/10/2017	<0.002	
3/22/2018	<0.002	
10/5/2018	<0.002	
3/27/2019	<0.002	
9/12/2019	<0.002	
3/20/2020	<0.002	
9/11/2020	<0.002	
4/5/2021	<0.002	
8/13/2021	<0.002	
2/14/2022	<0.002	
8/31/2022	0.00059 (JB)	
2/28/2023		<0.002
8/3/2023		<0.002
3/4/2024		<0.002
8/8/2024		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Antimony (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-48	GWA-48
12/21/2010	<0.002	
2/14/2011	<0.002	
3/23/2011	<0.002	
4/27/2011	<0.002	
10/25/2011	<0.002	
5/1/2012	<0.002	
11/8/2012	<0.002	
5/7/2013	<0.002	
11/5/2013	<0.002	
5/23/2014	<0.002	
11/7/2014	<0.002	
5/21/2015	<0.002	
11/12/2015	<0.002	
4/7/2016	<0.002	
6/17/2016	<0.002	
8/10/2016	<0.002	
10/14/2016	<0.002	
12/19/2016	<0.002	
2/13/2017	<0.002	
4/7/2017	<0.002	
6/22/2017	<0.002	
10/10/2017	<0.002	
3/23/2018	<0.002	
10/3/2018	<0.002	
3/27/2019	<0.002	
9/12/2019	<0.002	
3/19/2020	<0.002	
9/11/2020	<0.002	
4/5/2021	<0.002	
8/12/2021	<0.002	
2/14/2022	<0.002	
8/31/2022	0.00089 (JB)	
2/28/2023		<0.002
8/3/2023		<0.002
3/4/2024		<0.002
8/8/2024		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Antimony (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-51	GWC-51
12/22/2010	<0.002	
2/15/2011	<0.002	
3/22/2011	<0.002	
4/27/2011	<0.002	
10/26/2011	<0.002	
5/2/2012	<0.002	
11/8/2012	<0.002	
5/8/2013	<0.002	
11/4/2013	<0.002	
5/24/2014	<0.002	
11/7/2014	<0.002	
5/22/2015	<0.002	
11/13/2015	<0.002	
4/11/2016	<0.002	
6/16/2016	<0.002	
8/10/2016	<0.002	
10/13/2016	<0.002	
12/5/2016	<0.002	
2/13/2017	<0.002	
4/10/2017	<0.002	
6/23/2017	<0.002	
10/11/2017	<0.002	
3/26/2018	<0.002	
10/4/2018	<0.002	
3/27/2019	<0.002	
9/12/2019	<0.002	
3/19/2020	<0.002	
9/11/2020	<0.002	
4/5/2021	<0.002	
8/13/2021	<0.002	
2/15/2022	<0.002	
8/31/2022	0.00087 (JB)	
2/28/2023		<0.002
8/3/2023		<0.002
3/4/2024		<0.002
8/8/2024		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Arsenic (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-22	GWA-22
12/22/2010	<0.001	
2/14/2011	<0.001	
3/22/2011	<0.001	
4/26/2011	<0.001	
10/27/2011	<0.001	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/7/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/8/2014	<0.001	
5/21/2015	<0.001	
11/13/2015	<0.001	
4/8/2016	<0.001	
6/14/2016	<0.001	
8/9/2016	<0.001	
10/11/2016	<0.001	
12/5/2016	<0.001	
2/10/2017	<0.001	
4/7/2017	<0.001	
6/26/2017	<0.001	
10/9/2017	<0.001	
3/26/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	<0.001	
4/2/2021	<0.001	
8/12/2021	<0.001	
2/15/2022	<0.001	
8/26/2022	<0.001	
2/28/2023		<0.001
8/3/2023		<0.001
3/4/2024		<0.001
8/8/2024		0.00088 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Arsenic (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-45	GWA-45
12/20/2010	<0.001	
2/14/2011	<0.001	
3/21/2011	<0.001	
4/26/2011	<0.001	
10/26/2011	<0.001	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/8/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/7/2014	<0.001	
5/20/2015	<0.001	
11/13/2015	<0.001	
4/7/2016	<0.001	
6/14/2016	<0.001	
8/9/2016	<0.001	
10/10/2016	<0.001	
12/2/2016	<0.001	
2/9/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/10/2017	0.0015	
3/22/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/11/2020	<0.001	
4/2/2021	<0.001	
8/12/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
2/28/2023		0.00035 (J)
8/3/2023		<0.001
3/4/2024		<0.001
8/8/2024		0.0011

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Arsenic (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-46	GWA-46
12/20/2010	<0.001	
2/1/2011	<0.001	
3/21/2011	<0.001	
4/26/2011	<0.001	
10/27/2011	<0.001	
5/2/2012	<0.001	
11/8/2012	<0.001	
5/7/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/7/2014	<0.001	
5/20/2015	<0.001	
11/13/2015	<0.001	
4/7/2016	<0.001	
6/14/2016	<0.001	
8/9/2016	<0.001	
10/10/2016	<0.001	
12/2/2016	<0.001	
2/10/2017	<0.001	
4/7/2017	<0.001	
6/23/2017	<0.001	
10/10/2017	<0.001	
3/23/2018	<0.001	
10/4/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/11/2020	<0.001	
4/5/2021	<0.001	
8/12/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
2/28/2023		<0.001
8/3/2023		<0.001
3/4/2024		<0.001
8/8/2024		0.0013

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Arsenic (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-47	GWA-47
12/20/2010	<0.001	
2/1/2011	<0.001	
3/23/2011	<0.001	
4/27/2011	<0.001	
10/26/2011	<0.001	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/7/2013	<0.001	
11/5/2013	<0.001	
5/23/2014	<0.001	
11/7/2014	<0.001	
5/21/2015	<0.001	
11/12/2015	<0.001	
4/8/2016	<0.001	
6/14/2016	<0.001	
8/9/2016	<0.001	
10/11/2016	<0.001	
12/5/2016	<0.001	
2/10/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/10/2017	<0.001	
3/22/2018	<0.001	
10/5/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/20/2020	<0.001	
9/11/2020	<0.001	
4/5/2021	<0.001	
8/13/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
2/28/2023		<0.001
8/3/2023		<0.001
3/4/2024		<0.001
8/8/2024		0.0011

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Arsenic (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-48	GWA-48
12/21/2010	<0.001	
2/14/2011	<0.001	
3/23/2011	<0.001	
4/27/2011	<0.001	
10/25/2011	<0.001	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/7/2013	<0.001	
11/5/2013	<0.001	
5/23/2014	<0.001	
11/7/2014	<0.001	
5/21/2015	<0.001	
11/12/2015	<0.001	
4/7/2016	<0.001	
6/17/2016	<0.001	
8/10/2016	<0.001	
10/14/2016	<0.001	
12/19/2016	<0.001	
2/13/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/10/2017	<0.001	
3/23/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/11/2020	<0.001	
4/5/2021	0.00031 (J)	
8/12/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
2/28/2023		<0.001
8/3/2023		<0.001
3/4/2024		<0.001
8/8/2024		0.00089 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Arsenic (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-49	GWA-49
12/21/2010	<0.001	
2/14/2011	<0.001	
3/21/2011	<0.001	
4/26/2011	<0.001	
10/26/2011	<0.001	
5/2/2012	<0.001	
11/8/2012	<0.001	
5/8/2013	<0.001	
11/5/2013	<0.001	
5/23/2014	<0.001	
11/7/2014	<0.001	
5/21/2015	<0.001	
11/12/2015	<0.001	
4/7/2016	<0.001	
6/14/2016	<0.001	
8/9/2016	0.00053 (J)	
10/11/2016	<0.001	
12/2/2016	<0.001	
2/9/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/10/2017	<0.001	
3/22/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	<0.001	
4/6/2021	<0.001	
8/12/2021	<0.001	
2/14/2022	<0.001	
8/30/2022	<0.001	
3/1/2023		<0.001
8/3/2023		<0.001
3/4/2024		<0.001
8/9/2024		0.0011

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Arsenic (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-29
12/22/2010	<0.001	
2/15/2011	<0.001	
3/22/2011	<0.001	
4/27/2011	<0.001	
10/26/2011	<0.001	
5/2/2012	<0.001	
11/8/2012	<0.001	
5/8/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/7/2014	<0.001	
5/22/2015	<0.001	
11/13/2015	<0.001	
4/11/2016	<0.001	
6/15/2016	<0.001	
8/10/2016	<0.001	
10/11/2016	<0.001	
12/5/2016	<0.001	
2/13/2017	<0.001	
4/10/2017	<0.001	
6/23/2017	<0.001	
10/10/2017	0.0013	
3/26/2018	<0.001	
10/4/2018	<0.001	
3/28/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	<0.001	
4/6/2021	<0.001	
8/13/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
3/1/2023		<0.001
8/3/2023		<0.001
3/4/2024		<0.001
8/8/2024		0.0011

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Arsenic (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-50	GWC-50
12/22/2010	<0.001	
2/15/2011	<0.001	
3/22/2011	<0.001	
4/27/2011	<0.001	
10/26/2011	<0.001	
5/2/2012	<0.001	
11/8/2012	<0.001	
5/8/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/8/2014	<0.001	
5/22/2015	<0.001	
11/13/2015	<0.001	
4/11/2016	<0.001	
6/15/2016	<0.001	
8/10/2016	<0.001	
10/11/2016	<0.001	
12/2/2016	<0.001	
2/13/2017	<0.001	
4/7/2017	0.00052 (J)	
6/22/2017	<0.001	
10/10/2017	<0.001	
3/23/2018	<0.001	
10/4/2018	<0.001	
3/28/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	<0.001	
4/6/2021	<0.001	
8/13/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
3/1/2023		<0.001
8/3/2023		<0.001
3/4/2024		<0.001
8/8/2024		0.0011

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Arsenic (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-52	GWC-52
12/21/2010	<0.001	
2/15/2011	<0.001	
3/21/2011	<0.001	
4/28/2011	<0.001	
10/26/2011	<0.001	
5/1/2012	<0.001	
11/9/2012	<0.001	
5/8/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/7/2014	<0.001	
5/22/2015	<0.001	
11/13/2015	<0.001	
4/11/2016	<0.001	
6/16/2016	<0.001	
8/11/2016	<0.001	
10/13/2016	<0.001	
12/5/2016	<0.001	
2/13/2017	<0.001	
4/11/2017	0.001 (J)	
6/24/2017	<0.001	
10/11/2017	<0.001	
3/26/2018	<0.001	
10/4/2018	<0.001	
3/28/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/11/2020	<0.001	
4/5/2021	<0.001	
8/17/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
3/1/2023		0.00031 (J)
8/3/2023		<0.001
3/4/2024		<0.001
8/8/2024		0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Arsenic (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-53	GWC-53
12/20/2010	<0.001	
2/14/2011	<0.001	
3/21/2011	<0.001	
4/27/2011	<0.001	
10/26/2011	<0.001	
5/1/2012	<0.001	
11/9/2012	<0.001	
5/8/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/7/2014	<0.001	
5/20/2015	<0.001	
11/13/2015	<0.001	
4/8/2016	<0.001	
6/16/2016	<0.001	
8/11/2016	<0.001	
10/13/2016	<0.001	
12/6/2016	<0.001	
2/13/2017	0.0011 (J)	
4/11/2017	0.0013	
6/24/2017	<0.001	
10/11/2017	<0.001	
3/26/2018	<0.001	
10/4/2018	<0.001	
3/28/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/11/2020	<0.001	
4/6/2021	<0.001	
8/13/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
2/28/2023		<0.001
8/3/2023		<0.001
3/4/2024		<0.001
8/8/2024		0.0011

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21	GWA-21
12/22/2010	0.026 (J)	
2/14/2011	0.022 (J)	
3/22/2011	0.02 (J)	
4/26/2011	0.019 (I)	
10/27/2011	0.021	
5/1/2012	0.017	
11/8/2012	0.023	
5/7/2013	0.021	
11/4/2013	0.018	
5/24/2014	0.022	
11/8/2014	0.02	
5/21/2015	0.022	
11/13/2015	0.025	
4/6/2016	0.0239	
6/14/2016	0.021	
8/10/2016	0.019	
10/11/2016	0.02	
12/2/2016	0.022 (B)	
2/10/2017	0.03	
4/10/2017	0.025	
6/23/2017	0.026	
10/9/2017	0.025	
3/26/2018	0.026	
10/3/2018	0.022 (O)	
3/27/2019	0.024	
9/12/2019	0.025	
3/19/2020	0.027	
9/10/2020	0.023	
4/2/2021	0.02	
8/12/2021	0.023	
2/14/2022	0.024	
8/26/2022	0.026	
2/28/2023		0.022
8/2/2023		0.018
2/29/2024		0.021
8/6/2024		0.019

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-22	GWA-22
12/22/2010	0.028 (J)	
2/14/2011	0.025 (J)	
3/22/2011	0.029 (J)	
4/26/2011	0.031 (I)	
10/27/2011	0.027	
5/1/2012	0.022	
11/8/2012	0.024	
5/7/2013	0.027	
11/4/2013	0.024	
5/24/2014	0.025	
11/8/2014	0.023	
5/21/2015	0.023	
11/13/2015	0.023	
4/8/2016	0.0244	
6/14/2016	0.023	
8/9/2016	0.026	
10/11/2016	0.022	
12/5/2016	0.025	
2/10/2017	0.026	
4/7/2017	0.021	
6/26/2017	0.028	
10/9/2017	0.021	
3/26/2018	0.022	
10/3/2018	0.022	
3/27/2019	0.022	
9/12/2019	0.023	
3/19/2020	0.024	
9/10/2020	0.022	
4/2/2021	0.023	
8/12/2021	0.024	
2/15/2022	0.032	
8/26/2022	0.021	
2/28/2023		0.02
8/3/2023		0.018
3/4/2024		0.022
8/8/2024		0.023

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-45	GWA-45
12/20/2010	0.024 (J)	
2/14/2011	0.023 (J)	
3/21/2011	0.021 (J)	
4/26/2011	0.019 (I)	
10/26/2011	0.023	
5/1/2012	0.014	
11/8/2012	0.034	
5/8/2013	0.016	
11/4/2013	0.014	
5/24/2014	0.027	
11/7/2014	0.03	
5/20/2015	0.029	
11/13/2015	0.041	
4/7/2016	0.0381	
6/14/2016	0.034	
8/9/2016	0.032	
10/10/2016	0.037	
12/2/2016	0.038 (B)	
2/9/2017	0.048	
4/7/2017	0.045	
6/22/2017	0.049	
10/10/2017	0.044	
3/22/2018	0.05	
10/3/2018	0.042	
3/27/2019	0.057	
9/12/2019	0.1 (O)	
12/2/2019	0.11 (O)	
3/19/2020	0.11 (O)	
9/11/2020	0.15 (O)	
4/2/2021	0.11 (O)	
8/12/2021	0.091	
2/14/2022	0.077	
8/31/2022	0.065	
2/28/2023		0.056
8/3/2023		0.055
3/4/2024		0.057
8/8/2024		0.048

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-46	GWA-46
12/20/2010	0.019 (J)	
2/1/2011	0.017 (J)	
3/21/2011	0.019 (J)	
4/26/2011	0.02 (I)	
10/27/2011	0.018	
5/2/2012	0.017	
11/8/2012	0.048 (O)	
5/7/2013	0.02	
11/4/2013	0.019	
5/24/2014	0.019	
11/7/2014	0.019	
5/20/2015	0.018	
11/13/2015	0.02	
4/7/2016	0.0207	
6/14/2016	0.019	
8/9/2016	0.017	
10/10/2016	0.02	
12/2/2016	0.02 (B)	
2/10/2017	0.018	
4/7/2017	0.02	
6/23/2017	0.021	
10/10/2017	0.018	
3/23/2018	0.02	
10/4/2018	0.019	
3/27/2019	0.021	
9/12/2019	0.022	
3/19/2020	0.023	
9/11/2020	0.022	
4/5/2021	0.022	
8/12/2021	0.023	
2/14/2022	0.024	
8/31/2022	0.022	
2/28/2023		0.022
8/3/2023		0.021
3/4/2024		0.022
8/8/2024		0.024

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-47	GWA-47
12/20/2010	0.029 (J)	
2/1/2011	0.038 (J)	
3/23/2011	0.045 (J)	
4/27/2011	0.043 (I)	
10/26/2011	0.023	
5/1/2012	0.021	
11/8/2012	0.038	
5/7/2013	0.042	
11/5/2013	0.039	
5/23/2014	0.088 (O)	
11/7/2014	0.027	
5/21/2015	0.036	
11/12/2015	0.038	
4/8/2016	0.0261	
6/14/2016	0.023	
8/9/2016	0.026	
10/11/2016	0.03	
12/5/2016	0.026	
2/10/2017	0.023	
4/7/2017	0.024	
6/22/2017	0.025	
10/10/2017	0.022	
3/22/2018	0.024	
10/5/2018	0.026	
3/27/2019	0.026	
9/12/2019	0.028	
3/20/2020	0.029	
9/11/2020	0.026	
4/5/2021	0.028	
8/13/2021	0.026	
2/14/2022	0.029	
8/31/2022	0.031	
2/28/2023		0.027
8/3/2023		0.027 (B)
3/4/2024		0.032
8/8/2024		0.038

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-48	GWA-48
12/21/2010	0.055 (JO)	
2/14/2011	0.05 (JO)	
3/23/2011	0.031 (J)	
4/27/2011	0.015 (I)	
10/25/2011	0.02	
5/1/2012	0.017	
11/8/2012	0.012	
5/7/2013	0.022	
11/5/2013	0.012	
5/23/2014	0.02	
11/7/2014	0.012	
5/21/2015	0.011	
11/12/2015	0.012	
4/7/2016	0.0116	
6/17/2016	0.012	
8/10/2016	0.012	
10/14/2016	0.016	
12/19/2016	0.012	
2/13/2017	0.017	
4/7/2017	0.011	
6/22/2017	0.014	
10/10/2017	0.012	
3/23/2018	0.012	
10/3/2018	0.012	
3/27/2019	0.013	
9/12/2019	0.016	
3/19/2020	0.02	
9/11/2020	0.013	
4/5/2021	0.015	
8/12/2021	0.013	
2/14/2022	0.014	
8/31/2022	0.016	
2/28/2023		0.014
8/3/2023		0.013 (B)
3/4/2024		0.015
8/8/2024		0.015

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-49	GWA-49
12/21/2010	0.021 (J)	
2/14/2011	0.021 (J)	
3/21/2011	0.021 (J)	
4/26/2011	0.021 (I)	
10/26/2011	0.019	
5/2/2012	0.018	
11/8/2012	0.018	
5/8/2013	0.017	
11/5/2013	0.019	
5/23/2014	0.021	
11/7/2014	0.019	
5/21/2015	0.02	
11/12/2015	0.019	
4/7/2016	0.0201	
6/14/2016	0.017	
8/9/2016	0.017	
10/11/2016	0.02	
12/2/2016	0.02 (B)	
2/9/2017	0.018	
4/7/2017	0.018	
6/22/2017	0.02	
10/10/2017	0.02	
3/22/2018	0.018	
10/3/2018	0.018	
3/27/2019	0.019	
9/12/2019	0.022	
3/19/2020	0.02	
9/10/2020	0.02	
4/6/2021	0.02	
8/12/2021	0.024	
2/14/2022	0.022	
8/30/2022	0.021	
3/1/2023		0.019
8/3/2023		0.02
3/4/2024		0.019
8/9/2024		0.021

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-29
12/22/2010	0.016 (J)	
2/15/2011	0.016 (J)	
3/22/2011	0.014 (J)	
4/27/2011	0.016 (I)	
10/26/2011	0.015	
5/2/2012	0.012	
11/8/2012	0.015	
5/8/2013	0.014	
11/4/2013	0.016	
5/24/2014	0.015	
11/7/2014	0.016	
5/22/2015	0.015	
11/13/2015	0.016	
4/11/2016	0.0167	
6/15/2016	0.015	
8/10/2016	0.015	
10/11/2016	0.017	
12/5/2016	0.017	
2/13/2017	0.016	
4/10/2017	0.015	
6/23/2017	0.017	
10/10/2017	0.016	
3/26/2018	0.015	
10/4/2018	0.018	
3/28/2019	0.017	
9/12/2019	0.019	
3/19/2020	0.019	
9/10/2020	0.02	
4/6/2021	0.018	
8/13/2021	0.021	
2/14/2022	0.02	
8/31/2022	0.025	
3/1/2023		0.02
8/3/2023		0.019 (B)
3/4/2024		0.025
8/8/2024		0.02

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-50	GWC-50
12/22/2010	0.011 (J)	
2/15/2011	0.013 (J)	
3/22/2011	0.01 (J)	
4/27/2011	0.011 (I)	
10/26/2011	0.013	
5/2/2012	0.0084 (I)	
11/8/2012	0.012	
5/8/2013	0.013	
11/4/2013	0.012	
5/24/2014	0.012	
11/8/2014	0.01	
5/22/2015	0.011	
11/13/2015	0.011	
4/11/2016	0.0132	
6/15/2016	0.011	
8/10/2016	0.012	
10/11/2016	0.012	
12/2/2016	0.012 (B)	
2/13/2017	0.013	
4/7/2017	0.01	
6/22/2017	0.012	
10/10/2017	0.011	
3/23/2018	0.011	
10/4/2018	0.012	
3/28/2019	0.012	
9/12/2019	0.013	
3/19/2020	0.013	
9/10/2020	0.013	
4/6/2021	0.013	
8/13/2021	0.029	
2/14/2022	0.018	
8/31/2022	0.015	
3/1/2023		0.038
8/3/2023		0.013
3/4/2024		0.014
8/8/2024		0.014

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-51	GWC-51
12/22/2010	0.011 (J)	
2/15/2011	0.013 (J)	
3/22/2011	0.01 (J)	
4/27/2011	0.011 (I)	
10/26/2011	0.0099 (J)	
5/2/2012	0.0085 (I)	
11/8/2012	0.01	
5/8/2013	0.0094 (J)	
11/4/2013	0.0094 (J)	
5/24/2014	0.0094 (J)	
11/7/2014	0.0094 (J)	
5/22/2015	0.0092 (J)	
11/13/2015	0.0095 (J)	
4/11/2016	0.0105	
6/16/2016	0.0089 (J)	
8/10/2016	0.0082	
10/13/2016	0.0088	
12/5/2016	0.01	
2/13/2017	0.0097	
4/10/2017	0.0082	
6/23/2017	0.01	
10/11/2017	0.0092	
3/26/2018	0.0094	
10/4/2018	0.0093	
3/27/2019	0.011	
9/12/2019	0.011	
3/19/2020	0.011	
9/11/2020	0.01	
4/5/2021	0.01	
8/13/2021	0.019	
2/15/2022	0.011	
8/31/2022	0.011	
2/28/2023		0.01
8/3/2023		0.011
3/4/2024		0.011
8/8/2024		0.012

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-52	GWC-52
12/21/2010	0.01 (J)	
2/15/2011	0.0086 (J)	
3/21/2011	0.009 (J)	
4/28/2011	0.012 (I)	
10/26/2011	0.0093 (J)	
5/1/2012	0.0048 (I)	
11/9/2012	0.0091 (J)	
5/8/2013	0.0096 (J)	
11/4/2013	0.012	
5/24/2014	0.011	
11/7/2014	0.011	
5/22/2015	0.011	
11/13/2015	0.011	
4/11/2016	0.012	
6/16/2016	0.011	
8/11/2016	0.012 (B)	
10/13/2016	0.012	
12/5/2016	0.013	
2/13/2017	0.012	
4/11/2017	0.012	
6/24/2017	0.013	
10/11/2017	0.012	
3/26/2018	0.013	
10/4/2018	0.013	
3/28/2019	0.014	
9/12/2019	0.017	
3/19/2020	0.018	
9/11/2020	0.017	
4/5/2021	0.019	
8/17/2021	0.02	
2/14/2022	0.021	
8/31/2022	0.022	
3/1/2023		0.023
8/3/2023		0.021
3/4/2024		0.025
8/8/2024		0.029

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Barium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-53	GWC-53
12/20/2010	0.11	
2/14/2011	0.1	
3/21/2011	0.1	
4/27/2011	0.091 (I)	
10/26/2011	0.1	
5/1/2012	0.095	
11/9/2012	0.093	
5/8/2013	0.077	
11/4/2013	0.083	
5/24/2014	0.07	
11/7/2014	0.065	
5/20/2015	0.058	
11/13/2015	0.058	
4/8/2016	0.0619	
6/16/2016	0.052	
8/11/2016	0.044 (B)	
10/13/2016	0.049	
12/6/2016	0.047	
2/13/2017	0.05	
4/11/2017	0.053	
6/24/2017	0.054	
10/11/2017	0.05	
3/26/2018	0.05	
10/4/2018	0.042	
3/28/2019	0.045	
9/12/2019	0.043	
3/19/2020	0.047	
9/11/2020	0.044	
4/6/2021	0.041	
8/13/2021	0.038	
2/14/2022	0.042	
8/31/2022	0.036	
2/28/2023		0.039
8/3/2023		0.033
3/4/2024		0.036
8/8/2024		0.036

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Beryllium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-22	GWA-22
12/22/2010	<0.0025	
2/14/2011	<0.0025	
3/22/2011	<0.0025	
4/26/2011	<0.0025	
10/27/2011	<0.0025	
5/1/2012	<0.0025	
11/8/2012	<0.0025	
5/7/2013	<0.0025	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/8/2014	<0.0025	
5/21/2015	<0.0025	
11/13/2015	<0.0025	
4/8/2016	<0.0025	
6/14/2016	<0.0025	
8/9/2016	<0.0025	
10/11/2016	<0.0025	
12/5/2016	<0.0025	
2/10/2017	<0.0025	
4/7/2017	<0.0025	
6/26/2017	<0.0025	
10/9/2017	<0.0025	
3/26/2018	<0.0025	
10/3/2018	<0.0025	
3/27/2019	<0.0025	
9/12/2019	<0.0025	
3/19/2020	<0.0025	
9/10/2020	<0.0025	
4/2/2021	0.00019 (J)	
8/12/2021	<0.0025	
2/15/2022	<0.0025	
8/26/2022	<0.0025	
2/28/2023		<0.0025
8/3/2023		<0.0025
3/4/2024		<0.0025
8/8/2024		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Beryllium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-51	GWC-51
12/22/2010	<0.0025	
2/15/2011	<0.0025	
3/22/2011	<0.0025	
4/27/2011	<0.0025	
10/26/2011	<0.0025	
5/2/2012	<0.0025	
11/8/2012	<0.0025	
5/8/2013	<0.0025	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/7/2014	<0.0025	
5/22/2015	<0.0025	
11/13/2015	<0.0025	
4/11/2016	<0.0025	
6/16/2016	2E-05 (J)	
8/10/2016	<0.0025	
10/13/2016	<0.0025	
12/5/2016	<0.0025	
2/13/2017	<0.0025	
4/10/2017	<0.0025	
6/23/2017	<0.0025	
10/11/2017	<0.0025	
3/26/2018	<0.0025	
10/4/2018	<0.0025	
3/27/2019	<0.0025	
9/12/2019	<0.0025	
3/19/2020	<0.0025	
9/11/2020	<0.0025	
4/5/2021	<0.0025	
8/13/2021	<0.0025	
2/15/2022	<0.0025	
8/31/2022	<0.0025	
2/28/2023		<0.0025
8/3/2023		<0.0025
3/4/2024		<0.0025
8/8/2024		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21	GWA-21
4/6/2016	<0.08	
6/14/2016	0.0012 (J)	
8/10/2016	<0.08	
10/11/2016	<0.08	
12/2/2016	<0.08	
2/10/2017	<0.08	
4/10/2017	<0.08	
6/23/2017	<0.08	
10/9/2017	<0.08	
3/26/2018	<0.08	
10/3/2018	<0.08	
3/27/2019	<0.08	
9/12/2019	0.053	
3/19/2020	<0.08	
9/10/2020	<0.08	
4/2/2021	<0.08	
8/12/2021	<0.08	
2/14/2022	<0.08	
8/26/2022	<0.08	
2/28/2023		<0.08
8/2/2023		<0.08
2/29/2024		<0.08
8/6/2024		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-22	GWA-22
4/8/2016	<0.08	
6/14/2016	0.0029 (JB)	
8/9/2016	<0.08	
10/11/2016	<0.08	
12/5/2016	<0.08	
2/10/2017	<0.08	
4/7/2017	<0.08	
6/26/2017	<0.08	
10/9/2017	<0.08	
3/26/2018	<0.08	
10/3/2018	<0.08	
3/27/2019	<0.08	
9/12/2019	<0.08	
3/19/2020	<0.08	
9/10/2020	<0.08	
4/2/2021	<0.08	
8/12/2021	<0.08	
2/15/2022	<0.08	
8/26/2022	<0.08	
2/28/2023		0.19
8/3/2023		<0.08
3/4/2024		0.033 (J)
8/8/2024		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-45	GWA-45
4/7/2016	0.0657 (J)	
6/14/2016	0.12	
8/9/2016	0.22	
10/10/2016	0.52	
12/2/2016	0.65	
2/9/2017	0.57	
4/7/2017	0.5	
6/22/2017	0.48	
10/10/2017	0.79	
3/22/2018	0.66	
10/3/2018	0.89	
3/27/2019	0.74	
9/12/2019	0.91	
3/19/2020	0.86	
9/11/2020	1	
4/2/2021	1.1	
8/12/2021	1.1	
2/14/2022	0.86	
8/31/2022	1.2	
2/28/2023		1.1
8/3/2023		1.1
3/4/2024		0.98
8/8/2024		1.2

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-46	GWA-46
4/7/2016	<0.08	
6/14/2016	<0.08	
8/9/2016	<0.08	
10/10/2016	<0.08	
12/2/2016	<0.08	
2/10/2017	<0.08	
4/7/2017	<0.08	
6/23/2017	<0.08	
10/10/2017	<0.08	
3/23/2018	<0.08	
10/4/2018	<0.08	
3/27/2019	<0.08	
9/12/2019	<0.08	
3/19/2020	<0.08	
9/11/2020	<0.08	
4/5/2021	<0.08	
8/12/2021	<0.08	
2/14/2022	<0.08	
8/31/2022	<0.08	
2/28/2023		0.11
8/3/2023		0.027 (J)
3/4/2024		0.022 (J)
8/8/2024		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-47	GWA-47
4/8/2016	<0.08	
6/14/2016	0.00079 (J)	
8/9/2016	<0.08	
10/11/2016	<0.08	
12/5/2016	<0.08	
2/10/2017	<0.08	
4/7/2017	<0.08	
6/22/2017	<0.08	
10/10/2017	<0.08	
3/22/2018	<0.08	
10/5/2018	<0.08	
3/27/2019	<0.08	
9/12/2019	<0.08	
3/20/2020	<0.08	
9/11/2020	<0.08	
4/5/2021	<0.08	
8/13/2021	<0.08	
2/14/2022	<0.08	
8/31/2022	<0.08	
2/28/2023		0.034 (J)
8/3/2023		<0.08
3/4/2024		<0.08
8/8/2024		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-48	GWA-48
4/7/2016	<0.08	
6/17/2016	0.0049 (JB)	
8/10/2016	<0.08	
10/14/2016	<0.08	
12/19/2016	<0.08	
2/13/2017	<0.08	
4/7/2017	<0.08	
6/22/2017	<0.08	
10/10/2017	<0.08	
3/23/2018	<0.08	
10/3/2018	<0.08	
3/27/2019	<0.08	
9/12/2019	<0.08	
3/19/2020	<0.08	
9/11/2020	<0.08	
4/5/2021	0.044 (J)	
8/12/2021	<0.08	
2/14/2022	<0.08	
8/31/2022	<0.08	
2/28/2023		0.12
8/3/2023		0.023 (J)
3/4/2024		<0.08
8/8/2024		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-49	GWA-49
4/7/2016	<0.08	
6/14/2016	<0.08	
8/9/2016	<0.08	
10/11/2016	<0.08	
12/2/2016	<0.08	
2/9/2017	<0.08	
4/7/2017	<0.08	
6/22/2017	<0.08	
10/10/2017	<0.08	
3/22/2018	<0.08	
10/3/2018	<0.08	
3/27/2019	<0.08	
9/12/2019	<0.08	
3/19/2020	<0.08	
9/10/2020	<0.08	
4/6/2021	<0.08	
8/12/2021	<0.08	
2/14/2022	<0.08	
8/30/2022	<0.08	
3/1/2023		<0.08
8/3/2023		<0.08
3/4/2024		<0.08
8/9/2024		0.022 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-29
4/11/2016	<0.08	
6/15/2016	0.0021 (J)	
8/10/2016	<0.08	
10/11/2016	<0.08	
12/5/2016	<0.08	
2/13/2017	<0.08	
4/10/2017	<0.08	
6/23/2017	<0.08	
10/10/2017	<0.08	
3/26/2018	<0.08	
10/4/2018	<0.08	
3/28/2019	<0.08	
9/12/2019	<0.08	
3/19/2020	<0.08	
9/10/2020	<0.08	
4/6/2021	<0.08	
8/13/2021	<0.08	
2/14/2022	<0.08	
8/31/2022	<0.08	
3/1/2023		0.075 (J)
8/3/2023		0.025 (J)
3/4/2024		<0.08
8/8/2024		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-51	GWC-51
4/11/2016	<0.08	
6/16/2016	0.0034 (JB)	
8/10/2016	<0.08	
10/13/2016	<0.08	
12/5/2016	<0.08	
2/13/2017	<0.08	
4/10/2017	<0.08	
6/23/2017	<0.08	
10/11/2017	<0.08	
3/26/2018	<0.08	
10/4/2018	<0.08	
3/27/2019	<0.08	
9/12/2019	<0.08	
3/19/2020	<0.08	
9/11/2020	<0.08	
4/5/2021	<0.08	
8/13/2021	<0.08	
2/15/2022	<0.08	
8/31/2022	<0.08	
2/28/2023		0.08
8/3/2023		<0.08
3/4/2024		0.036 (J)
8/8/2024		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-52	GWC-52
4/11/2016	<0.08	
6/16/2016	0.0013 (JB)	
8/11/2016	<0.08	
10/13/2016	<0.08	
12/5/2016	<0.08	
2/13/2017	<0.08	
4/11/2017	<0.08	
6/24/2017	<0.08	
10/11/2017	<0.08	
3/26/2018	<0.08	
10/4/2018	<0.08	
3/28/2019	<0.08	
9/12/2019	<0.08	
3/19/2020	<0.08	
9/11/2020	<0.08	
4/5/2021	<0.08	
8/17/2021	<0.08	
2/14/2022	<0.08	
8/31/2022	<0.08	
3/1/2023		<0.08
8/3/2023		<0.08
3/4/2024		0.023 (J)
8/8/2024		0.023 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Boron (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-53	GWC-53
4/8/2016	0.824	
6/16/2016	0.8 (J)	
8/11/2016	0.97	
10/13/2016	0.94	
12/6/2016	1	
2/13/2017	0.97	
4/11/2017	0.88	
6/24/2017	0.87	
10/11/2017	1.1	
3/26/2018	0.91	
10/4/2018	0.92	
3/28/2019	0.97	
9/12/2019	0.94	
3/19/2020	1	
9/11/2020	0.97	
4/6/2021	0.97	
8/13/2021	0.94	
2/14/2022	1	
8/31/2022	1	
2/28/2023		0.91
8/3/2023		0.97
3/4/2024		0.97
8/8/2024		1.2

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cadmium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-47	GWA-47
12/20/2010	<0.0025	
2/1/2011	<0.0025	
3/23/2011	<0.0025	
4/27/2011	<0.0025	
10/26/2011	<0.0025	
5/1/2012	<0.0025	
11/8/2012	<0.0025	
5/7/2013	<0.0025	
11/5/2013	<0.0025	
5/23/2014	<0.0025	
11/7/2014	<0.0025	
5/21/2015	<0.0025	
11/12/2015	<0.0025	
4/8/2016	<0.0025	
6/14/2016	<0.0025	
8/9/2016	<0.0025	
10/11/2016	<0.0025	
12/5/2016	<0.0025	
2/10/2017	<0.0025	
4/7/2017	0.0016 (J)	
6/22/2017	<0.0025	
10/10/2017	<0.0025	
3/22/2018	<0.0025	
10/5/2018	<0.0025	
3/27/2019	<0.0025	
9/12/2019	<0.0025	
3/20/2020	<0.0025	
9/11/2020	<0.0025	
4/5/2021	<0.0025	
8/13/2021	<0.0025	
2/14/2022	<0.0025	
8/31/2022	<0.0025	
2/28/2023		<0.0025
8/3/2023		<0.0025
3/4/2024		<0.0025
8/8/2024		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cadmium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-50	GWC-50
12/22/2010	<0.0025	
2/15/2011	<0.0025	
3/22/2011	<0.0025	
4/27/2011	<0.0025	
10/26/2011	<0.0025	
5/2/2012	<0.0025	
11/8/2012	<0.0025	
5/8/2013	<0.0025	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/8/2014	<0.0025	
5/22/2015	<0.0025	
11/13/2015	<0.0025	
4/11/2016	<0.0025	
6/15/2016	7.4E-05 (J)	
8/10/2016	<0.0025	
10/11/2016	<0.0025	
12/2/2016	<0.0025	
2/13/2017	<0.0025	
4/7/2017	<0.0025	
6/22/2017	<0.0025	
10/10/2017	<0.0025	
3/23/2018	<0.0025	
10/4/2018	<0.0025	
3/28/2019	<0.0025	
9/12/2019	<0.0025	
3/19/2020	<0.0025	
9/10/2020	<0.0025	
4/6/2021	<0.0025	
8/13/2021	<0.0025	
2/14/2022	<0.0025	
8/31/2022	<0.0025	
3/1/2023		<0.0025
8/3/2023		<0.0025
3/4/2024		<0.0025
8/8/2024		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cadmium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-52	GWC-52
12/21/2010	<0.0025	
2/15/2011	<0.0025	
3/21/2011	<0.0025	
4/28/2011	<0.0025	
10/26/2011	<0.0025	
5/1/2012	<0.0025	
11/9/2012	<0.0025	
5/8/2013	<0.0025	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/7/2014	<0.0025	
5/22/2015	<0.0025	
11/13/2015	<0.0025	
4/11/2016	<0.0025	
6/16/2016	0.00017 (J)	
8/11/2016	<0.0025	
10/13/2016	<0.0025	
12/5/2016	<0.0025	
2/13/2017	<0.0025	
4/11/2017	<0.0025	
6/24/2017	<0.0025	
10/11/2017	<0.0025	
3/26/2018	<0.0025	
10/4/2018	<0.0025	
3/28/2019	<0.0025	
9/12/2019	<0.0025	
3/19/2020	<0.0025	
9/11/2020	<0.0025	
4/5/2021	<0.0025	
8/17/2021	<0.0025	
2/14/2022	<0.0025	
8/31/2022	<0.0025	
3/1/2023		<0.0025
8/3/2023		<0.0025
3/4/2024		<0.0025
8/8/2024		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21	GWA-21
4/6/2016	9.27	
6/14/2016	8.2	
8/10/2016	6.9	
10/11/2016	7.6	
12/2/2016	7.4	
2/10/2017	11	
4/10/2017	9.7	
6/23/2017	9.2	
10/9/2017	9.4	
3/26/2018	9.3	
10/3/2018	7.8	
3/27/2019	9.5	
9/12/2019	8.8	
3/19/2020	11	
9/10/2020	8.2	
4/2/2021	9.2	
8/12/2021	7.2	
2/14/2022	8	
8/26/2022	6.8	
2/28/2023		8.1
8/2/2023		6.4
2/29/2024		6.7
8/6/2024		6

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-22	GWA-22
4/8/2016	8.6	
6/14/2016	6.8	
8/9/2016	6.2	
10/11/2016	6.2	
12/5/2016	5.5	
2/10/2017	7.8	
4/7/2017	7.3	
6/26/2017	6.8	
10/9/2017	5.8	
3/26/2018	8.7	
10/3/2018	6.1	
3/27/2019	7.1	
9/12/2019	6.1	
3/19/2020	9.7	
9/10/2020	5.9	
4/2/2021	9	
8/12/2021	6	
2/15/2022	9.6	
8/26/2022	7.8	
2/28/2023		11
8/3/2023		9.6
3/4/2024		11
8/8/2024		7.8

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-45	GWA-45
4/7/2016	38.4	
6/14/2016	32.9	
8/9/2016	29	
10/10/2016	33	
12/2/2016	33	
2/9/2017	42	
4/7/2017	35	
6/22/2017	38	
10/10/2017	40	
3/22/2018	39	
10/3/2018	41	
3/27/2019	39	
9/12/2019	36	
3/19/2020	45	
9/11/2020	30	
4/2/2021	29	
8/12/2021	26	
2/14/2022	26	
8/31/2022	23	
2/28/2023		23
8/3/2023		23
3/4/2024		25
8/8/2024		20

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-46	GWA-46
4/7/2016	6.57	
6/14/2016	5.5	
8/9/2016	4.6	
10/10/2016	5.3	
12/2/2016	5.1	
2/10/2017	5.8	
4/7/2017	5.2	
6/23/2017	5.7	
10/10/2017	5.8	
3/23/2018	6.6	
10/4/2018	5.4	
3/27/2019	6.1	
9/12/2019	5.7	
3/19/2020	6.7	
9/11/2020	5.5	
4/5/2021	7	
8/12/2021	6.1	
2/14/2022	5.9	
8/31/2022	5.7	
2/28/2023		6.6
8/3/2023		6.4
3/4/2024		6.8
8/8/2024		6.9

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-47	GWA-47
4/8/2016	10.7	
6/14/2016	11.3	
8/9/2016	9.6	
10/11/2016	11	
12/5/2016	10	
2/10/2017	11	
4/7/2017	10	
6/22/2017	11	
10/10/2017	11	
3/22/2018	11	
10/5/2018	11	
3/27/2019	11	
9/12/2019	12	
3/20/2020	12	
9/11/2020	11	
4/5/2021	13	
8/13/2021	11	
2/14/2022	11	
8/31/2022	12	
2/28/2023		13
8/3/2023		13
3/4/2024		15
8/8/2024		17

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-48	GWA-48
4/7/2016	12.6	
6/17/2016	12.4	
8/10/2016	11	
10/14/2016	13	
12/19/2016	11	
2/13/2017	13	
4/7/2017	12	
6/22/2017	13	
10/10/2017	13	
3/23/2018	13	
10/3/2018	12	
3/27/2019	13	
9/12/2019	13	
3/19/2020	14	
9/11/2020	12	
4/5/2021	13	
8/12/2021	12	
2/14/2022	11	
8/31/2022	12	
2/28/2023		13
8/3/2023		12
3/4/2024		13
8/8/2024		13

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-49	GWA-49
4/7/2016	15.3	
6/14/2016	14.2	
8/9/2016	13	
10/11/2016	14	
12/2/2016	13	
2/9/2017	14	
4/7/2017	14	
6/22/2017	14	
10/10/2017	15	
3/22/2018	14	
10/3/2018	14	
3/27/2019	15	
9/12/2019	14	
3/19/2020	15	
9/10/2020	14	
4/6/2021	16	
8/12/2021	14	
2/14/2022	13	
8/30/2022	14	
3/1/2023		15
8/3/2023		15
3/4/2024		14
8/9/2024		16

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-29
4/11/2016	9.7	
6/15/2016	9.5	
8/10/2016	8.5	
10/11/2016	9.3	
12/5/2016	9	
2/13/2017	9.2	
4/10/2017	9.2	
6/23/2017	9.8	
10/10/2017	10	
3/26/2018	11	
10/4/2018	10	
3/28/2019	11	
9/12/2019	12	
3/19/2020	16	
9/10/2020	15	
4/6/2021	17	
8/13/2021	15	
2/14/2022	16	
8/31/2022	17	
3/1/2023		19
8/3/2023		18
3/4/2024		18
8/8/2024		19

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-50	GWC-50
4/11/2016	7.04	
6/15/2016	7.4	
8/10/2016	6.7	
10/11/2016	6.9	
12/2/2016	6.5	
2/13/2017	7.9	
4/7/2017	6.5	
6/22/2017	6.8	
10/10/2017	7.3	
3/23/2018	7.5	
10/4/2018	6.7	
3/28/2019	7.2	
9/12/2019	7.5	
3/19/2020	7.9	
9/10/2020	7.5	
4/6/2021	7.7	
8/13/2021	7.2	
2/14/2022	6.5	
8/31/2022	7.1	
3/1/2023	20 (o)	
8/3/2023		8
3/4/2024		7.9
8/8/2024		7.6

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-51	GWC-51
4/11/2016	6.9	
6/16/2016	7.6	
8/10/2016	5.7	
10/13/2016	6.7	
12/5/2016	6.4	
2/13/2017	6.2	
4/10/2017	6.2	
6/23/2017	6.6	
10/11/2017	6.9 (B)	
3/26/2018	7	
10/4/2018	6.4	
3/27/2019	7	
9/12/2019	7.1	
3/19/2020	7.1	
9/11/2020	7	
4/5/2021	8	
8/13/2021	7	
2/15/2022	6.4	
8/31/2022	7.2	
2/28/2023		7.6
8/3/2023		8.2
3/4/2024		8.1
8/8/2024		9

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-52	GWC-52
4/11/2016	12.8	
6/16/2016	14.3	
8/11/2016	11	
10/13/2016	13	
12/5/2016	12	
2/13/2017	13	
4/11/2017	13	
6/24/2017	13	
10/11/2017	15 (B)	
3/26/2018	15	
10/4/2018	14	
3/28/2019	15	
9/12/2019	17	
3/19/2020	19	
9/11/2020	18	
4/5/2021	21	
8/17/2021	22	
2/14/2022	18	
8/31/2022	21	
3/1/2023		25
8/3/2023		24
3/4/2024		28
8/8/2024		30

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Calcium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-53	GWC-53
4/8/2016	17.5	
6/16/2016	18.4	
8/11/2016	13	
10/13/2016	15	
12/6/2016	15	
2/13/2017	16	
4/11/2017	17	
6/24/2017	17	
10/11/2017	19 (B)	
3/26/2018	19	
10/4/2018	17	
3/28/2019	18	
9/12/2019	18	
3/19/2020	19	
9/11/2020	19	
4/6/2021	19	
8/13/2021	17	
2/14/2022	16	
8/31/2022	17	
2/28/2023		18
8/3/2023		18
3/4/2024		19
8/8/2024		22

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chloride (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21	GWA-21
4/6/2016	3.034	
6/14/2016	3.1	
8/10/2016	2.7	
10/11/2016	2.7	
12/2/2016	2.5	
2/10/2017	3.4	
4/10/2017	3.6	
6/23/2017	3.2	
10/9/2017	3.5	
3/26/2018	3.8	
10/3/2018	4	
3/27/2019	2.9	
9/12/2019	3.4	
3/19/2020	3.9	
9/10/2020	3.7	
4/2/2021	3.7	
8/12/2021	4.1	
2/14/2022	4	
8/26/2022	3.6	
2/28/2023		3.6
8/2/2023		3.4
2/29/2024		3.7
8/6/2024		3.2

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chloride (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-22	GWA-22
4/8/2016	2.1	
6/14/2016	4.2	
8/9/2016	5	
10/11/2016	3.8	
12/5/2016	3.6	
2/10/2017	2.2	
4/7/2017	2.2	
6/26/2017	3.4	
10/9/2017	3.4	
3/26/2018	1.9	
10/3/2018	2.9	
3/27/2019	2	
9/12/2019	2.5	
3/19/2020	2.2	
9/10/2020	2.5	
4/2/2021	1.8	
8/12/2021	2.7	
2/15/2022	1.8	
8/26/2022	2	
2/28/2023		1.8
8/3/2023		1.8
3/4/2024		1.8
8/8/2024		1.9

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chloride (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-45	GWA-45
4/7/2016	8.05	
6/14/2016	9.3 (D)	
8/9/2016	10	
10/10/2016	10	
12/2/2016	10	
2/9/2017	9.4	
4/7/2017	9.9	
6/22/2017	9.7	
10/10/2017	9.8	
3/22/2018	9.7	
10/3/2018	10	
3/27/2019	9.6	
9/12/2019	10	
3/19/2020	9.9	
9/11/2020	12	
4/2/2021	13	
8/12/2021	13	
2/14/2022	10	
8/31/2022	13	
2/28/2023		13
8/3/2023		13
3/4/2024		14
8/8/2024	27 (o)	
11/7/2024		13

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chloride (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-46	GWA-46
4/7/2016	2.914	
6/14/2016	3.1	
8/9/2016	3.2	
10/10/2016	3	
12/2/2016	3	
2/10/2017	2.7	
4/7/2017	2.9	
6/23/2017	3.3	
10/10/2017	3.5	
3/23/2018	3.6	
10/4/2018	3.9	
3/27/2019	3.7	
9/12/2019	4.3	
3/19/2020	4.5	
9/11/2020	4.7	
4/5/2021	5.3	
8/12/2021	5.5	
2/14/2022	5	
8/31/2022	5.1	
2/28/2023		5.2
8/3/2023		5.2
3/4/2024		5.4
8/8/2024		5.5

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chloride (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-47	GWA-47
4/8/2016	1.57	
6/14/2016	1.7	
8/9/2016	1.5	
10/11/2016	1.6	
12/5/2016	1.5	
2/10/2017	1.5	
4/7/2017	1.4	
6/22/2017	1.4	
10/10/2017	1.4	
3/22/2018	1.3	
10/5/2018	1.4	
3/27/2019	1.2	
9/12/2019	1.4	
3/20/2020	1.7 (F1)	
9/11/2020	1.6	
4/5/2021	1.8	
8/13/2021	1.8	
2/14/2022	1.5	
8/31/2022	1.5	
2/28/2023		1.7
8/3/2023		1.6
3/4/2024		1.8
8/8/2024		1.7

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chloride (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-48	GWA-48
4/7/2016	1.842	
6/17/2016	1.9 (BD)	
8/10/2016	1.8	
10/14/2016	1.7	
12/19/2016	2.7 (O)	
2/13/2017	1.8	
4/7/2017	1.7	
6/22/2017	1.7	
10/10/2017	1.6	
3/23/2018	1.6	
10/3/2018	1.6	
3/27/2019	1.5	
9/12/2019	1.7	
3/19/2020	1.9	
9/11/2020	1.8	
4/5/2021	2	
8/12/2021	1.8	
2/14/2022	1.8	
8/31/2022	1.6	
2/28/2023		1.8
8/3/2023		1.7
3/4/2024		1.8
8/8/2024		1.8

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chloride (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-49	GWA-49
4/7/2016	2.285	
6/14/2016	2.3	
8/9/2016	2.3	
10/11/2016	2.1	
12/2/2016	2	
2/9/2017	2.1	
4/7/2017	2	
6/22/2017	2	
10/10/2017	2	
3/22/2018	1.9	
10/3/2018	2	
3/27/2019	1.9	
9/12/2019	1.9	
3/19/2020	2.2	
9/10/2020	2.1	
4/6/2021	2.1	
8/12/2021	2.2	
2/14/2022	2	
8/30/2022	2.2	
3/1/2023		2.1
8/3/2023		1.9
3/4/2024		2
8/9/2024		2

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chloride (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-29
4/11/2016	1.57 (O)	
6/15/2016	3.9	
8/10/2016	4	
10/11/2016	3.7	
12/5/2016	3.6	
2/13/2017	3.4	
4/10/2017	3.5	
6/23/2017	3.4	
10/10/2017	3.3	
3/26/2018	3.1	
10/4/2018	3.1	
3/28/2019	2.8	
9/12/2019	3	
3/19/2020	3.4	
9/10/2020	3.3	
4/6/2021	3.3	
8/13/2021	3.7	
2/14/2022	3.8	
8/31/2022	3.5	
3/1/2023		3.9
8/3/2023		3.3
3/4/2024		3.4
8/8/2024		3.2

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chloride (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-50	GWC-50
4/11/2016	2.09	
6/15/2016	2.1	
8/10/2016	2	
10/11/2016	1.9	
12/2/2016	1.9	
2/13/2017	1.9	
4/7/2017	2	
6/22/2017	1.9	
10/10/2017	1.9	
3/23/2018	1.9	
10/4/2018	1.9	
3/28/2019	1.8	
9/12/2019	1.8	
3/19/2020	2.1	
9/10/2020	2.1	
4/6/2021	1.9	
8/13/2021	2.1	
2/14/2022	1.9	
8/31/2022	1.6	
3/1/2023	14 (o)	
5/2/2023		1.7
8/3/2023		1.6
3/4/2024		1.9
8/8/2024		1.8

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chloride (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-51	GWC-51
4/11/2016	2.09 (O)	
6/16/2016	6.3	
8/10/2016	6.9	
10/13/2016	6.5	
12/5/2016	6.6	
2/13/2017	6.7	
4/10/2017	6.7	
6/23/2017	6.6	
10/11/2017	6.5	
3/26/2018	6.6	
10/4/2018	6.9	
3/27/2019	7	
9/12/2019	6.8	
3/19/2020	7.3	
9/11/2020	7.7	
4/5/2021	7.8	
8/13/2021	8	
2/15/2022	7.6	
8/31/2022	7.7	
2/28/2023		7.9
8/3/2023		7.8
3/4/2024		8.4
8/8/2024		8

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chloride (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-52	GWC-52
4/11/2016	<0.25 (O)	
6/16/2016	7.4	
8/11/2016	8.3	
10/13/2016	7.8	
12/5/2016	8.1	
2/13/2017	8	
4/11/2017	7.6	
6/24/2017	8.3	
10/11/2017	7.9	
3/26/2018	7.8	
10/4/2018	8.1	
3/28/2019	7.5	
9/12/2019	7.7	
3/19/2020	8.2	
9/11/2020	7.9	
4/5/2021	8.2	
8/17/2021	8.3	
2/14/2022	7.6	
8/31/2022	7.6	
3/1/2023		8
8/3/2023		7.6
3/4/2024		8.1
8/8/2024		4.3 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chloride (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-53	GWC-53
4/8/2016	10.065	
6/16/2016	9.4	
8/11/2016	10	
10/13/2016	9.9	
12/6/2016	10	
2/13/2017	10	
4/11/2017	10	
6/24/2017	10	
10/11/2017	10	
3/26/2018	11	
10/4/2018	12	
3/28/2019	12	
9/12/2019	11	
3/19/2020	13	
9/11/2020	12	
4/6/2021	13	
8/13/2021	13	
2/14/2022	12	
8/31/2022	13	
2/28/2023		13
8/3/2023		14
10/4/2023		15
3/4/2024		15
5/20/2024		13
8/8/2024	29 (o)	
11/7/2024		14

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21	GWA-21
12/22/2010	0.0052	
2/14/2011	0.0057	
3/22/2011	0.0055	
4/26/2011	0.0069	
10/27/2011	0.011	
5/1/2012	0.0056	
11/8/2012	<0.01	
5/7/2013	0.0036 (J)	
11/4/2013	0.0032 (JV)	
5/24/2014	0.0043 (J)	
11/8/2014	<0.01	
5/21/2015	0.002 (J)	
11/13/2015	<0.01	
4/6/2016	0.00278 (J)	
6/14/2016	0.0014 (J)	
8/10/2016	0.0019 (J)	
10/11/2016	0.0024 (J)	
12/2/2016	0.0023 (J)	
2/10/2017	0.0021 (J)	
4/10/2017	0.002 (J)	
6/23/2017	0.0018 (J)	
10/9/2017	0.0016 (J)	
3/26/2018	0.0011 (J)	
10/3/2018	0.0014 (J)	
3/27/2019	0.003	
9/12/2019	0.0047 (B)	
3/19/2020	0.0026	
9/10/2020	0.0019 (J)	
4/2/2021	0.0029	
8/12/2021	0.0016 (J)	
2/14/2022	0.0026	
8/26/2022	0.0016 (J)	
2/28/2023		0.0024
8/2/2023		0.0028
2/29/2024		0.0021
8/6/2024		0.0021

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-22	GWA-22
12/22/2010	0.0029 (J)	
2/14/2011	0.0027 (J)	
3/22/2011	0.0049 (J)	
4/26/2011	0.0048 (I)	
10/27/2011	0.0023 (J)	
5/1/2012	0.0051	
11/8/2012	0.0034 (J)	
5/7/2013	0.0078	
11/4/2013	0.0055 (JV)	
5/24/2014	0.0075 (J)	
11/8/2014	0.0048 (J)	
5/21/2015	0.0082 (J)	
11/13/2015	0.0079 (J)	
4/8/2016	0.00878 (J)	
6/14/2016	0.0071 (J)	
8/9/2016	0.0079	
10/11/2016	0.0069	
12/5/2016	0.0077	
2/10/2017	0.0098	
4/7/2017	0.0081	
6/26/2017	0.0084	
10/9/2017	0.0082	
3/26/2018	0.0088	
10/3/2018	0.0086	
3/27/2019	0.0078	
9/12/2019	0.0092 (B)	
3/19/2020	0.011	
9/10/2020	0.0077	
4/2/2021	0.01	
8/12/2021	0.008	
2/15/2022	0.013	
8/26/2022	0.0078	
2/28/2023		0.01
8/3/2023		0.0089
3/4/2024		0.011
8/8/2024		0.013

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-45	GWA-45
12/20/2010	<0.002	
2/14/2011	<0.002	
3/21/2011	<0.002	
4/26/2011	<0.002	
10/26/2011	<0.002	
5/1/2012	<0.002	
11/8/2012	<0.002	
5/8/2013	<0.002	
11/4/2013	<0.002	
5/24/2014	<0.002	
11/7/2014	<0.002	
5/20/2015	0.0025 (J)	
11/13/2015	0.0042 (J)	
4/7/2016	<0.002	
6/14/2016	0.00055 (J)	
8/9/2016	<0.002	
10/10/2016	<0.002	
12/2/2016	<0.002	
2/9/2017	<0.002	
4/7/2017	<0.002	
6/22/2017	<0.002	
10/10/2017	<0.002	
3/22/2018	<0.002	
10/3/2018	<0.002	
3/27/2019	<0.002	
9/12/2019	<0.002	
3/19/2020	<0.002	
9/11/2020	<0.002	
4/2/2021	<0.002	
8/12/2021	<0.002	
2/14/2022	<0.002	
8/31/2022	<0.002	
2/28/2023		<0.002
8/3/2023		0.0012 (J)
3/4/2024		0.0016 (J)
8/8/2024		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-46	GWA-46
12/20/2010	0.0036 (J)	
2/1/2011	0.0037 (J)	
3/21/2011	0.004 (J)	
4/26/2011	0.0037 (I)	
10/27/2011	0.0047 (J)	
5/2/2012	0.005	
11/8/2012	0.0081	
5/7/2013	0.0035 (J)	
11/4/2013	0.0056 (JV)	
5/24/2014	0.005 (J)	
11/7/2014	0.004 (J)	
5/20/2015	0.0062 (J)	
11/13/2015	0.0067 (J)	
4/7/2016	0.00467 (J)	
6/14/2016	0.0041 (J)	
8/9/2016	0.0041	
10/10/2016	0.0041	
12/2/2016	0.0039	
2/10/2017	0.0044	
4/7/2017	0.0046	
6/23/2017	0.005	
10/10/2017	0.0088	
3/23/2018	0.0045	
10/4/2018	0.0047	
3/27/2019	0.0048	
9/12/2019	0.0051 (B)	
3/19/2020	0.0043	
9/11/2020	0.0042	
4/5/2021	0.0041	
8/12/2021	0.0045	
2/14/2022	0.0047	
8/31/2022	0.0048	
2/28/2023		0.0047
8/3/2023		0.0053
3/4/2024		0.0048
8/8/2024		0.006

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-47	GWA-47
12/20/2010	0.0064	
2/1/2011	0.015	
3/23/2011	0.0084	
4/27/2011	0.011	
10/26/2011	0.0061	
5/1/2012	0.0072	
11/8/2012	0.015	
5/7/2013	0.044	
11/5/2013	0.023	
5/23/2014	0.022	
11/7/2014	0.013	
5/21/2015	0.029	
11/12/2015	0.045	
4/8/2016	0.00752 (J)	
6/14/2016	0.007 (J)	
8/9/2016	0.008	
10/11/2016	0.0079	
12/5/2016	0.0057	
2/10/2017	0.0062	
4/7/2017	0.0072	
6/22/2017	0.0074	
10/10/2017	0.0072	
3/22/2018	0.0074	
10/5/2018	0.0083	
3/27/2019	0.0081	
9/12/2019	0.0088 (B)	
3/20/2020	0.0085	
9/11/2020	0.0081	
4/5/2021	0.0084	
8/13/2021	0.0082	
2/14/2022	0.0086	
8/31/2022	0.0084	
2/28/2023		0.0084
8/3/2023		0.0092
3/4/2024		0.01
8/8/2024		0.012

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-48	GWA-48
12/21/2010	0.0094	
2/14/2011	0.028	
3/23/2011	0.0042 (J)	
4/27/2011	<0.005	
10/25/2011	0.0062	
5/1/2012	0.011	
11/8/2012	0.0089	
5/7/2013	0.019	
11/5/2013	0.0057 (JV)	
5/23/2014	0.0084 (J)	
11/7/2014	0.011	
5/21/2015	0.013	
11/12/2015	0.015	
4/7/2016	0.00498 (J)	
6/17/2016	0.004 (J)	
8/10/2016	0.0047	
10/14/2016	0.0056	
12/19/2016	0.0039	
2/13/2017	0.0059	
4/7/2017	0.0051	
6/22/2017	0.005	
10/10/2017	0.005	
3/23/2018	0.005	
10/3/2018	0.0051	
3/27/2019	0.0051	
9/12/2019	0.0085 (B)	
3/19/2020	0.0063	
9/11/2020	0.0053	
4/5/2021	0.0061	
8/12/2021	0.0058	
2/14/2022	0.0058	
8/31/2022	0.0059	
2/28/2023		0.0058
8/3/2023		0.0056
3/4/2024		0.0063
8/8/2024		0.0061

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-49	GWA-49
12/21/2010	0.0073	
2/14/2011	0.0051	
3/21/2011	0.0067	
4/26/2011	0.0065	
10/26/2011	0.0068	
5/2/2012	0.011	
11/8/2012	0.0052	
5/8/2013	0.0059	
11/5/2013	0.0044 (JV)	
5/23/2014	0.0087 (J)	
11/7/2014	0.0048 (J)	
5/21/2015	0.006 (J)	
11/12/2015	0.007 (J)	
4/7/2016	0.0056 (J)	
6/14/2016	0.0048 (J)	
8/9/2016	0.0053	
10/11/2016	0.0058	
12/2/2016	0.0071	
2/9/2017	0.0051	
4/7/2017	0.006	
6/22/2017	0.0056	
10/10/2017	0.0073	
3/22/2018	0.0051	
10/3/2018	0.0052	
3/27/2019	0.0056	
9/12/2019	0.0075 (B)	
3/19/2020	0.0055	
9/10/2020	0.0063	
4/6/2021	0.0055	
8/12/2021	0.0096	
2/14/2022	0.0076	
8/30/2022	0.0064	
3/1/2023		0.0057
8/3/2023		0.0065
3/4/2024		0.006
8/9/2024		0.0059

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-29
12/22/2010	0.0026 (J)	
2/15/2011	<0.002	
3/22/2011	<0.002	
4/27/2011	0.002 (I)	
10/26/2011	0.002 (J)	
5/2/2012	<0.002	
11/8/2012	<0.002	
5/8/2013	<0.002	
11/4/2013	0.0027 (JV)	
5/24/2014	0.0027 (J)	
11/7/2014	<0.002	
5/22/2015	0.0034 (J)	
11/13/2015	0.0038 (J)	
4/11/2016	<0.002	
6/15/2016	0.0015 (J)	
8/10/2016	0.0014 (J)	
10/11/2016	0.0017 (J)	
12/5/2016	0.0014 (J)	
2/13/2017	0.0016 (J)	
4/10/2017	0.0014 (J)	
6/23/2017	0.0014 (J)	
10/10/2017	0.0039	
3/26/2018	0.0013 (J)	
10/4/2018	0.0014 (J)	
3/28/2019	0.0012 (J)	
9/12/2019	0.0021 (JB)	
3/19/2020	<0.002	
9/10/2020	<0.002	
4/6/2021	<0.002	
8/13/2021	<0.002	
2/14/2022	<0.002	
8/31/2022	<0.002	
3/1/2023		<0.002
8/3/2023		<0.002
3/4/2024		0.0012 (J)
8/8/2024		0.0012 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-50	GWC-50
12/22/2010	0.0034 (J)	
2/15/2011	0.0034 (J)	
3/22/2011	0.0037 (J)	
4/27/2011	0.0038 (I)	
10/26/2011	0.0039 (J)	
5/2/2012	0.0044 (I)	
11/8/2012	0.0026 (J)	
5/8/2013	0.0038 (J)	
11/4/2013	0.0063 (JV)	
5/24/2014	0.0061 (J)	
11/8/2014	<0.002	
5/22/2015	0.0037 (J)	
11/13/2015	0.0055 (J)	
4/11/2016	0.00479 (J)	
6/15/2016	0.0041 (J)	
8/10/2016	0.0047	
10/11/2016	0.0048	
12/2/2016	0.0043	
2/13/2017	0.0047	
4/7/2017	0.0044	
6/22/2017	0.0045	
10/10/2017	0.005	
3/23/2018	0.0042	
10/4/2018	0.005	
3/28/2019	0.0043	
9/12/2019	0.006 (B)	
3/19/2020	0.0047	
9/10/2020	0.0047	
4/6/2021	0.0044	
8/13/2021	0.0089	
2/14/2022	0.0046	
8/31/2022	0.004	
3/1/2023		<0.002
8/3/2023		0.0042
3/4/2024		0.0042
8/8/2024		0.0037

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-51	GWC-51
12/22/2010	0.0036 (J)	
2/15/2011	0.0038 (J)	
3/22/2011	0.0022 (J)	
4/27/2011	0.0042 (I)	
10/26/2011	0.0042 (J)	
5/2/2012	0.0037 (I)	
11/8/2012	<0.01	
5/8/2013	0.0032 (J)	
11/4/2013	0.0063 (JV)	
5/24/2014	0.003 (J)	
11/7/2014	<0.01	
5/22/2015	0.0023 (J)	
11/13/2015	0.0042 (J)	
4/11/2016	0.00309 (J)	
6/16/2016	0.0025 (J)	
8/10/2016	0.0023 (J)	
10/13/2016	0.0028	
12/5/2016	0.0032	
2/13/2017	0.0021 (J)	
4/10/2017	0.0022 (J)	
6/23/2017	0.0025	
10/11/2017	0.0027	
3/26/2018	0.0028	
10/4/2018	0.0041	
3/27/2019	0.0044	
9/12/2019	0.0043 (B)	
3/19/2020	0.0032	
9/11/2020	0.0041	
4/5/2021	0.0054	
8/13/2021	0.0087	
2/15/2022	0.0054	
8/31/2022	0.0047	
2/28/2023		0.0047
8/3/2023		0.0063
3/4/2024		0.0064
8/8/2024		0.0064

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-52	GWC-52
12/21/2010	0.01	
2/15/2011	0.0087	
3/21/2011	0.0083	
4/28/2011	0.0076	
10/26/2011	0.0078	
5/1/2012	0.0049 (I)	
11/9/2012	0.0066	
5/8/2013	0.0082	
11/4/2013	0.013 (V)	
5/24/2014	0.012	
11/7/2014	0.0084 (J)	
5/22/2015	0.0096 (J)	
11/13/2015	0.011	
4/11/2016	0.0101	
6/16/2016	0.01	
8/11/2016	0.0097	
10/13/2016	0.012	
12/5/2016	0.012	
2/13/2017	0.011	
4/11/2017	0.011	
6/24/2017	0.0095	
10/11/2017	0.0096	
3/26/2018	0.012	
10/4/2018	0.016	
3/28/2019		0.019
9/12/2019		0.027 (B)
3/19/2020		0.029
9/11/2020		0.028
4/5/2021		0.031
8/17/2021		0.034
2/14/2022		0.036
8/31/2022		0.038
3/1/2023		0.038
8/3/2023		0.035
3/4/2024		0.033
8/8/2024		0.033

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Chromium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-53	GWC-53
12/20/2010	<0.002	
2/14/2011	<0.002	
3/21/2011	<0.002	
4/27/2011	<0.002	
10/26/2011	0.0033 (J)	
5/1/2012	0.0025 (I)	
11/9/2012	<0.002	
5/8/2013	<0.002	
11/4/2013	0.0035 (JV)	
5/24/2014	0.0027 (J)	
11/7/2014	<0.002	
5/20/2015	0.0021 (J)	
11/13/2015	0.0041 (J)	
4/8/2016	0.0053 (J)	
6/16/2016	0.0014 (J)	
8/11/2016	0.0013 (J)	
10/13/2016	0.0018 (J)	
12/6/2016	0.0014 (J)	
2/13/2017	0.0021 (J)	
4/11/2017	0.0012 (J)	
6/24/2017	0.0017 (J)	
10/11/2017	0.0013 (J)	
3/26/2018	0.0014 (J)	
10/4/2018	<0.002	
3/28/2019	<0.002	
9/12/2019	0.002 (JB)	
3/19/2020	<0.002	
9/11/2020	0.0023	
4/6/2021	<0.002	
8/13/2021	0.0019 (J)	
2/14/2022	0.0018 (J)	
8/31/2022	0.002	
2/28/2023		0.003
8/3/2023		<0.002
3/4/2024		0.0013 (J)
8/8/2024		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21	GWA-21
12/22/2010	<0.0025	
2/14/2011	<0.0025	
3/22/2011	<0.0025	
4/26/2011	<0.0025	
10/27/2011	<0.0025	
5/1/2012	<0.0025	
11/8/2012	<0.0025	
5/7/2013	<0.0025	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/8/2014	<0.0025	
5/21/2015	<0.0025	
11/13/2015	<0.0025	
4/6/2016	<0.0025	
6/14/2016	6.6E-05 (J)	
8/10/2016	<0.0025	
10/11/2016	0.00047 (J)	
12/2/2016	0.0014 (J)	
2/10/2017	0.00052 (J)	
4/10/2017	<0.0025	
6/23/2017	<0.0025	
10/9/2017	0.00053 (J)	
3/26/2018	0.00088 (J)	
10/3/2018	0.0014 (J)	
3/27/2019	<0.0025	
9/12/2019	0.0004 (J)	
3/19/2020	0.00015 (J)	
9/10/2020	0.00019 (J)	
4/2/2021	0.00016 (J)	
8/12/2021	0.00028 (J)	
2/14/2022	<0.0025	
8/26/2022	<0.0025	
2/28/2023		<0.0025
8/2/2023		<0.0025
2/29/2024		<0.0025
8/6/2024		0.00056 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-22	GWA-22
12/22/2010	0.0038 (JO)	
2/14/2011	<0.0025	
3/22/2011	<0.0025	
4/26/2011	<0.0025	
10/27/2011	<0.0025	
5/1/2012	<0.0025	
11/8/2012	<0.0025	
5/7/2013	<0.0025	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/8/2014	<0.0025	
5/21/2015	<0.0025	
11/13/2015	<0.0025	
4/8/2016	<0.0025	
6/14/2016	0.00042 (J)	
8/9/2016	0.00068 (J)	
10/11/2016	<0.0025	
12/5/2016	0.0012 (J)	
2/10/2017	0.0013 (J)	
4/7/2017	<0.0025	
6/26/2017	0.00073 (J)	
10/9/2017	<0.0025	
3/26/2018	<0.0025	
10/3/2018	<0.0025	
3/27/2019	<0.0025	
9/12/2019	<0.0025	
3/19/2020	<0.0025	
9/10/2020	0.00014 (J)	
4/2/2021	0.00026 (J)	
8/12/2021	0.00015 (J)	
2/15/2022	0.00054 (J)	
8/26/2022	<0.0025	
2/28/2023		<0.0025
8/3/2023		<0.0025
3/4/2024		<0.0025
8/8/2024		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-45	GWA-45
12/20/2010	0.012 (o)	
2/14/2011	0.0093 (Jo)	
3/21/2011	0.0076 (Jo)	
4/26/2011	0.0058 (Io)	
10/26/2011	0.005 (Jo)	
5/1/2012	0.0032 (I)	
11/8/2012	0.0034 (J)	
5/8/2013	<0.0025	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/7/2014	<0.0025	
5/20/2015	<0.0025	
11/13/2015	<0.0025	
4/7/2016	<0.0025	
6/14/2016	0.0031 (J)	
8/9/2016	0.0023 (J)	
10/10/2016	0.0024 (J)	
12/2/2016	0.0021 (J)	
2/9/2017	0.00096 (J)	
4/7/2017	0.0034	
6/22/2017	0.0029	
10/10/2017	0.0025	
3/22/2018	0.0015 (J)	
10/3/2018	0.0018 (J)	
3/27/2019	0.00083 (J)	
9/12/2019	0.0018 (J)	
3/19/2020	0.0005 (J)	
9/11/2020	0.0035	
4/2/2021	0.002 (J)	
8/12/2021	0.0024 (J)	
2/14/2022	0.00059 (J)	
8/31/2022	0.0012 (JB)	
2/28/2023		0.00097 (J)
8/3/2023		0.0011 (J)
3/4/2024		0.0004 (J)
8/8/2024		0.0012 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-46	GWA-46
12/20/2010	<0.0025	
2/1/2011	<0.0025	
3/21/2011	<0.0025	
4/26/2011	<0.0025	
10/27/2011	<0.0025	
5/2/2012	<0.0025	
11/8/2012	<0.0025	
5/7/2013	<0.0025	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/7/2014	<0.0025	
5/20/2015	<0.0025	
11/13/2015	<0.0025	
4/7/2016	<0.0025	
6/14/2016	3.8E-05 (J)	
8/9/2016	<0.0025	
10/10/2016	<0.0025	
12/2/2016	<0.0025	
2/10/2017	<0.0025	
4/7/2017	<0.0025	
6/23/2017	<0.0025	
10/10/2017	<0.0025	
3/23/2018	<0.0025	
10/4/2018	<0.0025	
3/27/2019	<0.0025	
9/12/2019	9.5E-05 (J)	
3/19/2020	0.00025 (J)	
9/11/2020	<0.0025	
4/5/2021	<0.0025	
8/12/2021	<0.0025	
2/14/2022	<0.0025	
8/31/2022	<0.0025	
2/28/2023		<0.0025
8/3/2023		<0.0025
3/4/2024		<0.0025
8/8/2024		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-47	GWA-47
12/20/2010	0.0033 (JO)	
2/1/2011	0.003 (J)	
3/23/2011	<0.0025	
4/27/2011	<0.0025	
10/26/2011	<0.0025	
5/1/2012	<0.0025	
11/8/2012	<0.0025	
5/7/2013	<0.0025	
11/5/2013	<0.0025	
5/23/2014	0.0048 (JO)	
11/7/2014	<0.0025	
5/21/2015	<0.0025	
11/12/2015	<0.0025	
4/8/2016	<0.0025	
6/14/2016	4.2E-05 (J)	
8/9/2016	<0.0025	
10/11/2016	0.00052 (J)	
12/5/2016	<0.0025	
2/10/2017	<0.0025	
4/7/2017	<0.0025	
6/22/2017	<0.0025	
10/10/2017	<0.0025	
3/22/2018	<0.0025	
10/5/2018	<0.0025	
3/27/2019	<0.0025	
9/12/2019	0.00011 (J)	
3/20/2020	<0.0025	
9/11/2020	<0.0025	
4/5/2021	0.00017 (J)	
8/13/2021	<0.0025	
2/14/2022	<0.0025	
8/31/2022	<0.0025	
2/28/2023		<0.0025
8/3/2023		<0.0025
3/4/2024		<0.0025
8/8/2024		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-48	GWA-48
12/21/2010	<0.0025	
2/14/2011	<0.0025	
3/23/2011	<0.0025	
4/27/2011	<0.0025	
10/25/2011	<0.0025	
5/1/2012	0.0039 (O)	
11/8/2012	<0.0025	
5/7/2013	<0.0025	
11/5/2013	<0.0025	
5/23/2014	<0.0025	
11/7/2014	<0.0025	
5/21/2015	<0.0025	
11/12/2015	<0.0025	
4/7/2016	<0.0025	
6/17/2016	0.00017 (J)	
8/10/2016	<0.0025	
10/14/2016	<0.0025	
12/19/2016	<0.0025	
2/13/2017	<0.0025	
4/7/2017	<0.0025	
6/22/2017	<0.0025	
10/10/2017	<0.0025	
3/23/2018	<0.0025	
10/3/2018	<0.0025	
3/27/2019	<0.0025	
9/12/2019	<0.0025	
3/19/2020	0.00029 (J)	
9/11/2020	<0.0025	
4/5/2021	0.00019 (J)	
8/12/2021	<0.0025	
2/14/2022	<0.0025	
8/31/2022	<0.0025	
2/28/2023		<0.0025
8/3/2023		<0.0025
3/4/2024		<0.0025
8/8/2024		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-49	GWA-49
12/21/2010	<0.0025	
2/14/2011	<0.0025	
3/21/2011	<0.0025	
4/26/2011	<0.0025	
10/26/2011	<0.0025	
5/2/2012	<0.0025	
11/8/2012	<0.0025	
5/8/2013	<0.0025	
11/5/2013	<0.0025	
5/23/2014	<0.0025	
11/7/2014	<0.0025	
5/21/2015	<0.0025	
11/12/2015	<0.0025	
4/7/2016	<0.0025	
6/14/2016	<0.0025	
8/9/2016	<0.0025	
10/11/2016	<0.0025	
12/2/2016	0.0004 (J)	
2/9/2017	<0.0025	
4/7/2017	<0.0025	
6/22/2017	<0.0025	
10/10/2017	<0.0025	
3/22/2018	<0.0025	
10/3/2018	<0.0025	
3/27/2019	<0.0025	
9/12/2019	0.00017 (J)	
3/19/2020	<0.0025	
9/10/2020	0.0002 (J)	
4/6/2021	<0.0025	
8/12/2021	0.00072 (J)	
2/14/2022	0.00039 (J)	
8/30/2022	<0.0025	
3/1/2023		<0.0025
8/3/2023		<0.0025
3/4/2024		<0.0025
8/9/2024		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-29
12/22/2010	<0.0025	
2/15/2011	<0.0025	
3/22/2011	<0.0025	
4/27/2011	<0.0025	
10/26/2011	<0.0025	
5/2/2012	<0.0025	
11/8/2012	<0.0025	
5/8/2013	<0.0025	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/7/2014	<0.0025	
5/22/2015	<0.0025	
11/13/2015	<0.0025	
4/11/2016	<0.0025	
6/15/2016	<0.0025	
8/10/2016	<0.0025	
10/11/2016	<0.0025	
12/5/2016	<0.0025	
2/13/2017	<0.0025	
4/10/2017	<0.0025	
6/23/2017	<0.0025	
10/10/2017	<0.0025	
3/26/2018	<0.0025	
10/4/2018	<0.0025	
3/28/2019	<0.0025	
9/12/2019	<0.0025	
3/19/2020	<0.0025	
9/10/2020	<0.0025	
4/6/2021	<0.0025	
8/13/2021	0.00015 (J)	
2/14/2022	<0.0025	
8/31/2022	<0.0025	
3/1/2023		<0.0025
8/3/2023		<0.0025
3/4/2024		<0.0025
8/8/2024		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-50	GWC-50
12/22/2010	<0.0025	
2/15/2011	<0.0025	
3/22/2011	<0.0025	
4/27/2011	<0.0025	
10/26/2011	<0.0025	
5/2/2012	<0.0025	
11/8/2012	<0.0025	
5/8/2013	<0.0025	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/8/2014	<0.0025	
5/22/2015	<0.0025	
11/13/2015	<0.0025	
4/11/2016	<0.0025	
6/15/2016	<0.0025	
8/10/2016	<0.0025	
10/11/2016	<0.0025	
12/2/2016	<0.0025	
2/13/2017	<0.0025	
4/7/2017	<0.0025	
6/22/2017	<0.0025	
10/10/2017	<0.0025	
3/23/2018	<0.0025	
10/4/2018	<0.0025	
3/28/2019	<0.0025	
9/12/2019	<0.0025	
3/19/2020	<0.0025	
9/10/2020	<0.0025	
4/6/2021	<0.0025	
8/13/2021	0.00074 (J)	
2/14/2022	<0.0025	
8/31/2022	<0.0025	
3/1/2023		0.01
8/3/2023		<0.0025
3/4/2024		<0.0025
8/8/2024		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-51	GWC-51
12/22/2010	<0.0025	
2/15/2011	<0.0025	
3/22/2011	<0.0025	
4/27/2011	<0.0025	
10/26/2011	<0.0025	
5/2/2012	<0.0025	
11/8/2012	<0.0025	
5/8/2013	<0.0025	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/7/2014	<0.0025	
5/22/2015	<0.0025	
11/13/2015	<0.0025	
4/11/2016	<0.0025	
6/16/2016	3.8E-05 (J)	
8/10/2016	<0.0025	
10/13/2016	<0.0025	
12/5/2016	<0.0025	
2/13/2017	<0.0025	
4/10/2017	<0.0025	
6/23/2017	<0.0025	
10/11/2017	<0.0025	
3/26/2018	<0.0025	
10/4/2018	<0.0025	
3/27/2019	<0.0025	
9/12/2019	0.00012 (J)	
3/19/2020	<0.0025	
9/11/2020	<0.0025	
4/5/2021	0.0002 (J)	
8/13/2021	0.00059 (J)	
2/15/2022	<0.0025	
8/31/2022	<0.0025	
2/28/2023		<0.0025
8/3/2023		<0.0025
3/4/2024		<0.0025
8/8/2024		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-52	GWC-52
12/21/2010	<0.0025	
2/15/2011	<0.0025	
3/21/2011	<0.0025	
4/28/2011	<0.0025	
10/26/2011	<0.0025	
5/1/2012	<0.0025	
11/9/2012	<0.0025	
5/8/2013	<0.0025	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/7/2014	<0.0025	
5/22/2015	<0.0025	
11/13/2015	<0.0025	
4/11/2016	<0.0025	
6/16/2016	7E-05 (J)	
8/11/2016	<0.0025	
10/13/2016	<0.0025	
12/5/2016	<0.0025	
2/13/2017	<0.0025	
4/11/2017	<0.0025	
6/24/2017	<0.0025	
10/11/2017	<0.0025	
3/26/2018	<0.0025	
10/4/2018	<0.0025	
3/28/2019	<0.0025	
9/12/2019	<0.0025	
3/19/2020	<0.0025	
9/11/2020	<0.0025	
4/5/2021	<0.0025	
8/17/2021	<0.0025	
2/14/2022	<0.0025	
8/31/2022	<0.0025	
3/1/2023		<0.0025
8/3/2023		<0.0025
3/4/2024		<0.0025
8/8/2024		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Cobalt (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-53	GWC-53
12/20/2010	0.0051 (J)	
2/14/2011	0.0038 (J)	
3/21/2011	0.0037 (J)	
4/27/2011	<0.0025	
10/26/2011	0.0046 (J)	
5/1/2012	0.0043 (I)	
11/9/2012	0.007 (J)	
5/8/2013	0.0047 (J)	
11/4/2013	0.0096 (J)	
5/24/2014	0.0097 (J)	
11/7/2014	0.012	
5/20/2015	0.011	
11/13/2015	0.013	
4/8/2016	0.00315 (J)	
6/16/2016	0.0062 (J)	
8/11/2016	0.0092	
10/13/2016	0.0045	
12/6/2016	0.0043	
2/13/2017	0.011	
4/11/2017	0.012	
6/24/2017	0.011	
10/11/2017	0.016	
3/26/2018	0.0069	
10/4/2018	0.016	
3/28/2019	0.011	
9/12/2019	0.011	
3/19/2020	0.0083	
9/11/2020	0.002 (J)	
4/6/2021	0.0062	
8/13/2021	0.015	
2/14/2022	0.011	
8/31/2022	0.014 (B)	
2/28/2023		0.0038
8/3/2023		0.013
3/4/2024		0.0067
8/8/2024		0.01

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21	GWA-21
12/22/2010	<0.002	
2/14/2011	<0.002	
3/22/2011	<0.002	
4/26/2011	<0.002	
10/27/2011	<0.002	
5/1/2012	<0.002	
11/8/2012	<0.002	
5/7/2013	<0.002	
11/4/2013	<0.002	
5/24/2014	<0.002	
11/8/2014	<0.002	
5/21/2015	0.0028 (JO)	
11/13/2015	<0.002	
4/6/2016	<0.002	
10/11/2016	<0.002	
4/10/2017	<0.002	
10/9/2017	<0.002	
3/26/2018	<0.002	
10/3/2018	<0.002	
3/27/2019	<0.002	
9/12/2019	<0.002	
3/19/2020	<0.002	
9/10/2020	0.0023	
4/2/2021	<0.002	
8/12/2021	0.00066 (J)	
2/14/2022	<0.002	
8/26/2022	<0.002	
2/28/2023		<0.002
8/2/2023		<0.002
2/29/2024		<0.002
8/6/2024		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-22	GWA-22
12/22/2010	<0.002	
2/14/2011	<0.002	
3/22/2011	<0.002	
4/26/2011	<0.002	
10/27/2011	<0.002	
5/1/2012	<0.002	
11/8/2012	<0.002	
5/7/2013	<0.002	
11/4/2013	<0.002	
5/24/2014	<0.002	
11/8/2014	<0.002	
5/21/2015	0.003 (J)	
11/13/2015	0.078 (O)	
4/8/2016	<0.002	
10/11/2016	<0.002	
4/7/2017	<0.002	
10/9/2017	<0.002	
3/26/2018	<0.002	
10/3/2018	<0.002	
3/27/2019	<0.002	
9/12/2019	<0.002	
3/19/2020	<0.002	
9/10/2020	<0.002	
4/2/2021	<0.002	
8/12/2021	<0.002	
2/15/2022	0.0015 (J)	
8/26/2022	<0.002	
2/28/2023		<0.002
8/3/2023		<0.002
3/4/2024		0.0025
8/8/2024		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-45	GWA-45
12/20/2010	0.0021 (J)	
2/14/2011	<0.002	
3/21/2011	<0.002	
4/26/2011	<0.002	
10/26/2011	<0.002	
5/1/2012	<0.002	
11/8/2012	0.0034 (J)	
5/8/2013	<0.002	
11/4/2013	<0.002	
5/24/2014	<0.002	
11/7/2014	0.002 (J)	
5/20/2015	0.0024 (J)	
11/13/2015	<0.002	
4/7/2016	<0.002	
10/10/2016	<0.002	
4/7/2017	<0.002	
10/10/2017	<0.002	
3/22/2018	<0.002	
10/3/2018	<0.002	
3/27/2019	<0.002	
9/12/2019	<0.002	
3/19/2020	0.00072 (J)	
9/11/2020	0.002	
4/2/2021	<0.002	
8/12/2021	<0.002	
2/14/2022	<0.002	
8/31/2022	<0.002	
2/28/2023		<0.002
8/3/2023		<0.002
3/4/2024		0.0068
8/8/2024		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-47	GWA-47
12/20/2010	0.0065 (J)	
2/1/2011	0.018	
3/23/2011	0.022	
4/27/2011	0.02	
10/26/2011	0.0025 (J)	
5/1/2012	0.0022 (I)	
11/8/2012	0.015	
5/7/2013	0.02	
11/5/2013	0.014	
5/23/2014	0.06 (O)	
11/7/2014	0.0032 (J)	
5/21/2015	0.017 (JV)	
11/12/2015	0.01 (J)	
4/8/2016	<0.002	
10/11/2016	0.0051	
4/7/2017	<0.002	
10/10/2017	<0.002	
3/22/2018	<0.002	
10/5/2018	<0.002	
3/27/2019	<0.002	
9/12/2019	<0.002	
3/20/2020	0.0011 (J)	
9/11/2020	<0.002	
4/5/2021	0.0019 (J)	
8/13/2021	<0.002	
2/14/2022	<0.002	
8/31/2022	<0.002	
2/28/2023		<0.002
8/3/2023		<0.002
3/4/2024		<0.002
8/8/2024		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-48	GWA-48
12/21/2010	0.0084 (J)	
2/14/2011	0.013 (O)	
3/23/2011	0.0061 (J)	
4/27/2011	<0.002	
10/25/2011	0.002 (J)	
5/1/2012	0.0027 (I)	
11/8/2012	<0.002	
5/7/2013	0.0039 (J)	
11/5/2013	<0.002	
5/23/2014	0.0029 (J)	
11/7/2014	<0.002	
5/21/2015	0.0031 (J)	
11/12/2015	<0.002	
4/7/2016	<0.002	
10/14/2016	0.0024 (J)	
4/7/2017	<0.002	
10/10/2017	<0.002	
3/23/2018	<0.002	
10/3/2018	<0.002	
3/27/2019	<0.002	
9/12/2019	0.00083 (J)	
3/19/2020	0.0022	
9/11/2020	<0.002	
4/5/2021	0.00093 (J)	
8/12/2021	<0.002	
2/14/2022	<0.002	
8/31/2022	<0.002	
2/28/2023		<0.002
8/3/2023		<0.002
3/4/2024		<0.002
8/8/2024		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-49	GWA-49
12/21/2010	<0.002	
2/14/2011	<0.002	
3/21/2011	<0.002	
4/26/2011	<0.002	
10/26/2011	<0.002	
5/2/2012	<0.002	
11/8/2012	<0.002	
5/8/2013	<0.002	
11/5/2013	<0.002	
5/23/2014	<0.002	
11/7/2014	<0.002	
5/21/2015	<0.002	
11/12/2015	<0.002	
4/7/2016	<0.002	
10/11/2016	<0.002	
4/7/2017	<0.002	
10/10/2017	<0.002	
3/22/2018	<0.002	
10/3/2018	<0.002	
3/27/2019	<0.002	
9/12/2019	<0.002	
3/19/2020	<0.002	
9/10/2020	<0.002	
4/6/2021	<0.002	
8/12/2021	0.0031	
2/14/2022	0.0014 (J)	
8/30/2022	<0.002	
3/1/2023		0.0011 (J)
8/3/2023		<0.002
3/4/2024		<0.002
8/9/2024		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-50	GWC-50
12/22/2010	<0.002	
2/15/2011	<0.002	
3/22/2011	<0.002	
4/27/2011	<0.002	
10/26/2011	<0.002	
5/2/2012	<0.002	
11/8/2012	<0.002	
5/8/2013	<0.002	
11/4/2013	<0.002	
5/24/2014	<0.002	
11/8/2014	<0.002	
5/22/2015	0.0031 (JO)	
11/13/2015	<0.002	
4/11/2016	<0.002	
10/11/2016	<0.002	
4/7/2017	<0.002	
10/10/2017	<0.002	
3/23/2018	<0.002	
10/4/2018	<0.002	
3/28/2019	<0.002	
9/12/2019	<0.002	
3/19/2020	<0.002	
9/10/2020	<0.002	
4/6/2021	<0.002	
8/13/2021	0.0046	
2/14/2022	0.0013 (J)	
8/31/2022	<0.002	
3/1/2023		<0.002
8/3/2023		<0.002
3/4/2024		<0.002
8/8/2024		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Copper (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-51	GWC-51
12/22/2010	<0.002	
2/15/2011	<0.002	
3/22/2011	<0.002	
4/27/2011	<0.002	
10/26/2011	<0.002	
5/2/2012	<0.002	
11/8/2012	<0.002	
5/8/2013	<0.002	
11/4/2013	<0.002	
5/24/2014	<0.002	
11/7/2014	<0.002	
5/22/2015	<0.002	
11/13/2015	<0.002	
4/11/2016	<0.002	
10/13/2016	<0.002	
4/10/2017	<0.002	
10/11/2017	<0.002	
3/26/2018	<0.002	
10/4/2018	<0.002	
3/27/2019	<0.002	
9/12/2019	<0.002	
3/19/2020	<0.002	
9/11/2020	0.0013 (J)	
4/5/2021	<0.002	
8/13/2021	0.0025	
2/15/2022	<0.002	
8/31/2022	<0.002	
2/28/2023		<0.002
8/3/2023		0.0012 (J)
3/4/2024		<0.002
8/8/2024		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21	GWA-21
4/6/2016	0.035 (J)	
6/14/2016	<0.1	
8/10/2016	<0.1	
10/11/2016	<0.1	
12/2/2016	<0.1	
2/10/2017	<0.1	
4/10/2017	<0.1	
6/23/2017	<0.1	
10/9/2017	<0.1	
3/26/2018	<0.1	
10/3/2018	<0.1	
3/27/2019	0.035 (J)	
9/12/2019	0.04 (J)	
3/19/2020	0.059 (J)	
9/10/2020	0.044 (J)	
4/2/2021	0.028 (J)	
8/12/2021	0.04 (J)	
2/14/2022	0.058 (J)	
8/26/2022	0.092 (J)	
2/28/2023		0.076 (J)
8/2/2023		0.044 (J)
2/29/2024		<0.1
8/6/2024		<0.1

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-22	GWA-22
4/8/2016	0.042 (J)	
6/14/2016	<0.1	
8/9/2016	<0.1	
10/11/2016	<0.1	
12/5/2016	<0.1	
2/10/2017	<0.1	
4/7/2017	<0.1	
6/26/2017	<0.1	
10/9/2017	<0.1	
3/26/2018	<0.1	
10/3/2018	<0.1	
3/27/2019	0.036 (J)	
9/12/2019	0.043 (J)	
3/19/2020	0.054 (J)	
9/10/2020	0.034 (J)	
4/2/2021	0.032 (J)	
8/12/2021	0.028 (J)	
2/15/2022	0.088 (J)	
8/26/2022	0.028 (J)	
2/28/2023		0.071 (J)
8/3/2023		0.042 (J)
3/4/2024		<0.1
8/8/2024		<0.1

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-45	GWA-45
4/7/2016	0.035 (J)	
6/14/2016	<0.1	
8/9/2016	<0.1	
10/10/2016	<0.1	
12/2/2016	<0.1	
2/9/2017	<0.1	
4/7/2017	<0.1	
6/22/2017	<0.1	
10/10/2017	<0.1	
3/22/2018	<0.1	
10/3/2018	<0.1	
3/27/2019	<0.1	
9/12/2019	0.026 (J)	
3/19/2020	0.041 (J)	
9/11/2020	<0.1	
4/2/2021	<0.1	
8/12/2021	<0.1	
2/14/2022	0.052 (J)	
8/31/2022	0.033 (J)	
2/28/2023		0.069 (J)
8/3/2023		<0.1
3/4/2024		<0.1
8/8/2024		<0.1

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-46	GWA-46
4/7/2016	0.024 (J)	
6/14/2016	<0.1	
8/9/2016	<0.1	
10/10/2016	<0.1	
12/2/2016	<0.1	
2/10/2017	<0.1	
4/7/2017	<0.1	
6/23/2017	<0.1	
10/10/2017	<0.1	
3/23/2018	<0.1	
10/4/2018	<0.1	
3/27/2019	0.033 (J)	
9/12/2019	<0.1	
3/19/2020	<0.1	
9/11/2020	<0.1	
4/5/2021	0.039 (J)	
8/12/2021	0.11	
2/14/2022	0.05 (J)	
8/31/2022	0.033 (J)	
2/28/2023		0.05 (J)
8/3/2023		<0.1
3/4/2024		<0.1
8/8/2024		<0.1

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-47	GWA-47
4/8/2016	0.047 (J)	
6/14/2016	<0.1	
8/9/2016	<0.1	
10/11/2016	<0.1	
12/5/2016	<0.1	
2/10/2017	<0.1	
4/7/2017	<0.1	
6/22/2017	<0.1	
10/10/2017	<0.1	
3/22/2018	<0.1	
10/5/2018	<0.1	
3/27/2019	0.041 (J)	
9/12/2019	0.041 (J)	
3/20/2020	<0.1	
9/11/2020	0.034 (J)	
4/5/2021	0.038 (J)	
8/13/2021	0.09 (J)	
2/14/2022	0.068 (J)	
8/31/2022	0.056 (J)	
2/28/2023		0.059 (J)
8/3/2023		0.047 (J)
3/4/2024		<0.1
8/8/2024		<0.1

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-48	GWA-48
4/7/2016	0.044 (J)	
6/17/2016	<0.1 (D)	
8/10/2016	<0.1	
10/14/2016	<0.1	
12/19/2016	0.1 (J)	
2/13/2017	<0.1	
4/7/2017	<0.1	
6/22/2017	<0.1	
10/10/2017	<0.1	
3/23/2018	<0.1	
10/3/2018	<0.1	
3/27/2019	0.04 (J)	
9/12/2019	0.044 (J)	
3/19/2020	0.049 (J)	
9/11/2020	0.035 (J)	
4/5/2021	0.031 (J)	
8/12/2021	0.052 (J)	
2/14/2022	0.056 (J)	
8/31/2022	0.053 (J)	
2/28/2023		0.079 (J)
8/3/2023		0.045 (J)
3/4/2024		<0.1
8/8/2024		<0.1

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-49	GWA-49
4/7/2016	0.041 (J)	
6/14/2016	<0.1	
8/9/2016	<0.1	
10/11/2016	<0.1	
12/2/2016	<0.1	
2/9/2017	<0.1	
4/7/2017	<0.1	
6/22/2017	<0.1	
10/10/2017	<0.1	
3/22/2018	<0.1	
10/3/2018	<0.1	
3/27/2019	0.037 (J)	
9/12/2019	0.042 (J)	
3/19/2020	0.044 (J)	
9/10/2020	0.036 (J)	
4/6/2021	0.03 (J)	
8/12/2021	0.058 (J)	
2/14/2022	0.07 (J)	
8/30/2022	0.044 (J)	
3/1/2023		0.036 (J)
8/3/2023		0.044 (J)
3/4/2024		<0.1
8/9/2024		<0.1

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-29
4/11/2016	0.033 (J)	
6/15/2016	<0.1	
8/10/2016	<0.1	
10/11/2016	<0.1	
12/5/2016	<0.1	
2/13/2017	<0.1	
4/10/2017	<0.1	
6/23/2017	<0.1	
10/10/2017	<0.1	
3/26/2018	<0.1	
10/4/2018	<0.1	
3/28/2019	0.033 (J)	
9/12/2019	0.042 (J)	
3/19/2020	0.042 (J)	
9/10/2020	0.04 (J)	
4/6/2021	0.031 (J)	
8/13/2021	0.065 (JF1)	
2/14/2022	0.074 (J)	
8/31/2022	0.082 (J)	
3/1/2023		0.042 (J)
8/3/2023		0.06 (J)
3/4/2024		<0.1
8/8/2024		<0.1

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-50	GWC-50
4/11/2016	0.027 (J)	
6/15/2016	<0.1	
8/10/2016	<0.1	
10/11/2016	<0.1	
12/2/2016	<0.1	
2/13/2017	<0.1	
4/7/2017	<0.1	
6/22/2017	<0.1	
10/10/2017	<0.1	
3/23/2018	<0.1	
10/4/2018	<0.1	
3/28/2019	0.042 (J)	
9/12/2019	0.028 (J)	
3/19/2020	0.039 (J)	
9/10/2020	<0.1	
4/6/2021	<0.1	
8/13/2021	0.048 (J)	
2/14/2022	0.057 (J)	
8/31/2022	0.065 (J)	
3/1/2023		0.029 (J)
8/3/2023		<0.1
3/4/2024		<0.1
8/8/2024		<0.1

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-51	GWC-51
4/11/2016	0.027 (J)	
6/16/2016	<0.1	
8/10/2016	<0.1	
10/13/2016	<0.1	
12/5/2016	<0.1	
2/13/2017	<0.1	
4/10/2017	<0.1	
6/23/2017	<0.1	
10/11/2017	<0.1	
3/26/2018	<0.1	
10/4/2018	<0.1	
3/27/2019	<0.1	
9/12/2019	0.028 (J)	
3/19/2020	0.037 (J)	
9/11/2020	0.049 (J)	
4/5/2021	<0.1	
8/13/2021	0.043 (J)	
2/15/2022	0.06 (J)	
8/31/2022	0.066 (J)	
2/28/2023		0.074 (J)
8/3/2023		<0.1
3/4/2024		<0.1
8/8/2024		<0.1

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-52	GWC-52
4/11/2016	<0.1	
6/16/2016	<0.1	
8/11/2016	<0.1	
10/13/2016	<0.1	
12/5/2016	<0.1	
2/13/2017	<0.1	
4/11/2017	<0.1	
6/24/2017	<0.1	
10/11/2017	<0.1	
3/26/2018	<0.1	
10/4/2018	<0.1	
3/28/2019	0.039 (J)	
9/12/2019	0.042 (J)	
3/19/2020	0.053 (J)	
9/11/2020	0.041 (J)	
4/5/2021	0.05 (J)	
8/17/2021	0.094 (JF1)	
2/14/2022	0.055 (J)	
8/31/2022	0.053 (J)	
3/1/2023		0.066 (J)
8/3/2023		0.046 (J)
3/4/2024		<0.1
8/8/2024		<0.1

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Fluoride (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-53	GWC-53
4/8/2016	<0.1	
6/16/2016	<0.1	
8/11/2016	<0.1	
10/13/2016	<0.1	
12/6/2016	<0.1	
2/13/2017	<0.1	
4/11/2017	<0.1	
6/24/2017	<0.1	
10/11/2017	<0.1	
3/26/2018	<0.1	
10/4/2018	<0.1	
3/28/2019	<0.1	
9/12/2019	<0.1	
3/19/2020	<0.1	
9/11/2020	<0.1	
4/6/2021	<0.1	
8/13/2021	0.034 (J)	
2/14/2022	0.041 (J)	
8/31/2022	0.055 (J)	
2/28/2023		0.031 (J)
8/3/2023		<0.1
3/4/2024		<0.1
8/8/2024		<0.1

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21	GWA-21
12/22/2010	<0.001	
2/14/2011	0.0028 (J)	
3/22/2011	0.0021 (J)	
4/26/2011	0.003 (I)	
10/27/2011	0.0028 (J)	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/7/2013	0.0044 (J)	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/8/2014	<0.001	
5/21/2015	0.0032 (J)	
11/13/2015	<0.001	
4/6/2016	<0.001	
6/14/2016	<0.001	
8/10/2016	<0.001	
10/11/2016	<0.001	
12/2/2016	<0.001	
2/10/2017	<0.001	
4/10/2017	<0.001	
6/23/2017	<0.001	
10/9/2017	<0.001	
3/26/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	0.0022	
4/2/2021	<0.001	
8/12/2021	<0.001	
2/14/2022	<0.001	
8/26/2022	<0.001	
2/28/2023		<0.001
8/2/2023		<0.001
2/29/2024		0.00023 (J)
8/6/2024		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-22	GWA-22
12/22/2010	<0.001	
2/14/2011	<0.001	
3/22/2011	0.002 (J)	
4/26/2011	0.0025 (I)	
10/27/2011	0.0033 (J)	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/7/2013	0.0048 (J)	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/8/2014	0.0021 (J)	
5/21/2015	0.002 (J)	
11/13/2015	<0.001	
4/8/2016	<0.001	
6/14/2016	<0.001	
8/9/2016	<0.001	
10/11/2016	<0.001	
12/5/2016	<0.001	
2/10/2017	<0.001	
4/7/2017	<0.001	
6/26/2017	<0.001	
10/9/2017	<0.001	
3/26/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	<0.001	
4/2/2021	0.00018 (J)	
8/12/2021	<0.001	
2/15/2022	0.00025 (J)	
8/26/2022	<0.001	
2/28/2023		<0.001
8/3/2023		<0.001
3/4/2024		0.002
8/8/2024		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-45	GWA-45
12/20/2010	<0.001	
2/14/2011	0.0024 (J)	
3/21/2011	<0.001	
4/26/2011	0.0027 (I)	
10/26/2011	0.0026 (J)	
5/1/2012	<0.001	
11/8/2012	0.0023 (J)	
5/8/2013	0.0026 (J)	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/7/2014	<0.001	
5/20/2015	0.005 (J)	
11/13/2015	0.0031 (J)	
4/7/2016	<0.001	
6/14/2016	<0.001	
8/9/2016	<0.001	
10/10/2016	<0.001	
12/2/2016	<0.001	
2/9/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/10/2017	<0.001	
3/22/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	0.00019 (J)	
9/11/2020	0.0016	
4/2/2021	<0.001	
8/12/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
2/28/2023		<0.001
8/3/2023		<0.001
3/4/2024		<0.001
8/8/2024		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-47	GWA-47
12/20/2010	<0.001	
2/1/2011	0.0027 (J)	
3/23/2011	0.0041 (J)	
4/27/2011	0.0054	
10/26/2011	<0.001	
5/1/2012	<0.001	
11/8/2012	0.0022 (J)	
5/7/2013	0.0062	
11/5/2013	<0.001	
5/23/2014	0.0026 (J)	
11/7/2014	0.0022 (J)	
5/21/2015	0.0049 (J)	
11/12/2015	<0.001	
4/8/2016	<0.001	
6/14/2016	<0.001	
8/9/2016	<0.001	
10/11/2016	<0.001	
12/5/2016	<0.001	
2/10/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/10/2017	<0.001	
3/22/2018	0.00096 (J)	
10/5/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/20/2020	<0.001	
9/11/2020	<0.001	
4/5/2021	<0.001	
8/13/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
2/28/2023		<0.001
8/3/2023		<0.001
3/4/2024		<0.001
8/8/2024		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-48	GWA-48
12/21/2010	<0.001	
2/14/2011	0.0029 (J)	
3/23/2011	0.0028 (J)	
4/27/2011	0.0038 (I)	
10/25/2011	0.0043 (J)	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/7/2013	0.0064	
11/5/2013	<0.001	
5/23/2014	<0.001	
11/7/2014	0.0026 (J)	
5/21/2015	0.0038 (J)	
11/12/2015	0.0021 (J)	
4/7/2016	<0.001	
6/17/2016	<0.001	
8/10/2016	<0.001	
10/14/2016	<0.001	
12/19/2016	<0.001	
2/13/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/10/2017	<0.001	
3/23/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	0.0002 (J)	
9/11/2020	<0.001	
4/5/2021	<0.001	
8/12/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
2/28/2023		<0.001
8/3/2023		<0.001
3/4/2024		<0.001
8/8/2024		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-49	GWA-49
12/21/2010	<0.001	
2/14/2011	0.0032 (J)	
3/21/2011	0.0038 (J)	
4/26/2011	0.0046 (I)	
10/26/2011	0.0024 (J)	
5/2/2012	<0.001	
11/8/2012	0.0021 (J)	
5/8/2013	0.006	
11/5/2013	0.0023 (J)	
5/23/2014	<0.001	
11/7/2014	<0.001	
5/21/2015	0.0062 (J)	
11/12/2015	0.0035 (J)	
4/7/2016	<0.001	
6/14/2016	<0.001	
8/9/2016	<0.001	
10/11/2016	<0.001	
12/2/2016	<0.001	
2/9/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/10/2017	<0.001	
3/22/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	<0.001	
4/6/2021	<0.001	
8/12/2021	<0.001	
2/14/2022	<0.001	
8/30/2022	<0.001	
3/1/2023		<0.001
8/3/2023		<0.001
3/4/2024		0.00043 (J)
8/9/2024		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-50	GWC-50
12/22/2010	<0.001	
2/15/2011	0.0028 (J)	
3/22/2011	0.0022 (J)	
4/27/2011	0.0033 (I)	
10/26/2011	0.0028 (J)	
5/2/2012	<0.001	
11/8/2012	<0.001	
5/8/2013	0.0043 (J)	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/8/2014	<0.001	
5/22/2015	0.0042 (J)	
11/13/2015	<0.001	
4/11/2016	<0.001	
6/15/2016	<0.001	
8/10/2016	<0.001	
10/11/2016	<0.001	
12/2/2016	<0.001	
2/13/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/10/2017	<0.001	
3/23/2018	<0.001	
10/4/2018	<0.001	
3/28/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	<0.001	
4/6/2021	<0.001	
8/13/2021	0.00054 (J)	
2/14/2022	0.00019 (J)	
8/31/2022	<0.001	
3/1/2023		<0.001
8/3/2023		<0.001
3/4/2024		<0.001
8/8/2024		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-51	GWC-51
12/22/2010	<0.001	
2/15/2011	0.0032 (J)	
3/22/2011	0.0024 (J)	
4/27/2011	0.0033 (I)	
10/26/2011	0.0023 (J)	
5/2/2012	<0.001	
11/8/2012	<0.001	
5/8/2013	0.0035 (J)	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/7/2014	<0.001	
5/22/2015	0.0035 (J)	
11/13/2015	<0.001	
4/11/2016	<0.001	
6/16/2016	<0.001	
8/10/2016	<0.001	
10/13/2016	<0.001	
12/5/2016	<0.001	
2/13/2017	<0.001	
4/10/2017	<0.001	
6/23/2017	<0.001	
10/11/2017	0.00041 (J)	
3/26/2018	<0.001	
10/4/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/11/2020	0.0015	
4/5/2021	<0.001	
8/13/2021	0.00022 (J)	
2/15/2022	<0.001	
8/31/2022	<0.001	
2/28/2023		<0.001
8/3/2023		<0.001
3/4/2024		<0.001
8/8/2024		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Lead (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-53	GWC-53
12/20/2010	<0.001	
2/14/2011	<0.001	
3/21/2011	<0.001	
4/27/2011	<0.001	
10/26/2011	<0.001	
5/1/2012	<0.001	
11/9/2012	<0.001	
5/8/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/7/2014	<0.001	
5/20/2015	0.0026 (JO)	
11/13/2015	<0.001	
4/8/2016	<0.001	
6/16/2016	<0.001	
8/11/2016	<0.001	
10/13/2016	<0.001	
12/6/2016	<0.001	
2/13/2017	<0.001	
4/11/2017	<0.001	
6/24/2017	<0.001	
10/11/2017	<0.001	
3/26/2018	<0.001	
10/4/2018	<0.001	
3/28/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/11/2020	<0.001	
4/6/2021	<0.001	
8/13/2021	0.00017 (J)	
2/14/2022	<0.001	
8/31/2022	<0.001	
2/28/2023		<0.001
8/3/2023		<0.001
3/4/2024		<0.001
8/8/2024		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Mercury (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21	GWA-21
12/22/2010	<0.0002	
2/14/2011	<0.0002	
3/22/2011	<0.0002	
4/26/2011	<0.0002	
10/27/2011	<0.0002	
5/1/2012	<0.0002	
11/8/2012	<0.0002	
5/7/2013	<0.0002	
11/4/2013	<0.0002	
5/24/2014	<0.0002	
11/8/2014	<0.0002	
5/21/2015	<0.0002	
11/13/2015	<0.0002	
4/6/2016	<0.0002	
6/14/2016	<0.0002	
8/10/2016	8.2E-05 (J)	
10/11/2016	9E-05 (JB)	
12/2/2016	<0.0002	
2/10/2017	<0.0002	
4/10/2017	<0.0002	
6/23/2017	<0.0002	
10/9/2017	8.7E-05 (JB)	
3/26/2018	7E-05 (JB)	
10/3/2018	8.8E-05 (JB)	
3/27/2019	<0.0002	
9/12/2019	<0.0002	
3/19/2020	<0.0002	
9/10/2020	<0.0002	
4/2/2021	<0.0002	
8/12/2021	<0.0002	
2/14/2022	<0.0002	
8/26/2022	<0.0002	
2/28/2023		<0.0002
8/2/2023		<0.0002
2/29/2024		<0.0002
8/6/2024		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Mercury (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-22	GWA-22
12/22/2010	<0.0002	
2/14/2011	<0.0002	
3/22/2011	<0.0002	
4/26/2011	<0.0002	
10/27/2011	<0.0002	
5/1/2012	<0.0002	
11/8/2012	<0.0002	
5/7/2013	<0.0002	
11/4/2013	<0.0002	
5/24/2014	<0.0002	
11/8/2014	<0.0002	
5/21/2015	<0.0002	
11/13/2015	<0.0002	
4/8/2016	<0.0002	
6/14/2016	<0.0002	
8/9/2016	<0.0002	
10/11/2016	9.1E-05 (JB)	
12/5/2016	0.00011 (JB)	
2/10/2017	<0.0002	
4/7/2017	<0.0002	
6/26/2017	<0.0002	
10/9/2017	8.7E-05 (JB)	
3/26/2018	<0.0002	
10/3/2018	0.0001425 (JBD)	
3/27/2019	<0.0002	
9/12/2019	<0.0002	
3/19/2020	<0.0002	
9/10/2020	<0.0002	
4/2/2021	<0.0002	
8/12/2021	<0.0002	
2/15/2022	<0.0002	
8/26/2022	<0.0002	
2/28/2023		<0.0002
8/3/2023		<0.0002
3/4/2024		<0.0002
8/8/2024		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Mercury (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-45	GWA-45
12/20/2010	<0.0002	
2/14/2011	<0.0002	
3/21/2011	<0.0002	
4/26/2011	<0.0002	
10/26/2011	<0.0002	
5/1/2012	<0.0002	
11/8/2012	<0.0002	
5/8/2013	<0.0002	
11/4/2013	<0.0002	
5/24/2014	<0.0002	
11/7/2014	<0.0002	
5/20/2015	<0.0002	
11/13/2015	<0.0002	
4/7/2016	<0.0002	
6/14/2016	<0.0002	
8/9/2016	8.1E-05 (J)	
10/10/2016	0.00013 (JB)	
12/2/2016	<0.0002	
2/9/2017	<0.0002	
4/7/2017	<0.0002	
6/22/2017	<0.0002	
10/10/2017	8.9E-05 (JB)	
3/22/2018	<0.0002	
10/3/2018	0.0001415 (JBD)	
3/27/2019	<0.0002	
9/12/2019	<0.0002	
3/19/2020	<0.0002	
9/11/2020	<0.0002	
4/2/2021	<0.0002	
8/12/2021	<0.0002	
2/14/2022	<0.0002	
8/31/2022	<0.0002	
2/28/2023		<0.0002
8/3/2023		<0.0002
3/4/2024		<0.0002
8/8/2024		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Mercury (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-46	GWA-46
12/20/2010	<0.0002	
2/1/2011	<0.0002	
3/21/2011	<0.0002	
4/26/2011	<0.0002	
10/27/2011	<0.0002	
5/2/2012	<0.0002	
11/8/2012	<0.0002	
5/7/2013	0.00011 (J)	
11/4/2013	<0.0002	
5/24/2014	<0.0002	
11/7/2014	<0.0002	
5/20/2015	<0.0002	
11/13/2015	<0.0002	
4/7/2016	<0.0002	
6/14/2016	<0.0002	
8/9/2016	8.1E-05 (J)	
10/10/2016	8.8E-05 (JB)	
12/2/2016	<0.0002	
2/10/2017	<0.0002	
4/7/2017	<0.0002	
6/23/2017	<0.0002	
10/10/2017	8.8E-05 (JB)	
3/23/2018	<0.0002	
10/4/2018	<0.0002	
3/27/2019	<0.0002	
9/12/2019	<0.0002	
3/19/2020	<0.0002	
9/11/2020	<0.0002	
4/5/2021	<0.0002	
8/12/2021	<0.0002	
2/14/2022	<0.0002	
8/31/2022	<0.0002	
2/28/2023		<0.0002
8/3/2023		<0.0002
3/4/2024		<0.0002
8/8/2024		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Mercury (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-47	GWA-47
12/20/2010	<0.0002	
2/1/2011	<0.0002	
3/23/2011	<0.0002	
4/27/2011	<0.0002	
10/26/2011	<0.0002	
5/1/2012	<0.0002	
11/8/2012	<0.0002	
5/7/2013	8.1E-05 (J)	
11/5/2013	<0.0002	
5/23/2014	<0.0002	
11/7/2014	<0.0002	
5/21/2015	<0.0002	
11/12/2015	<0.0002	
4/8/2016	<0.0002	
6/14/2016	<0.0002	
8/9/2016	8.1E-05 (J)	
10/11/2016	8.1E-05 (JB)	
12/5/2016	0.00011 (JB)	
2/10/2017	<0.0002	
4/7/2017	<0.0002	
6/22/2017	<0.0002	
10/10/2017	9.2E-05 (JB)	
3/22/2018	<0.0002	
10/5/2018	<0.0002	
3/27/2019	<0.0002	
9/12/2019	<0.0002	
3/20/2020	<0.0002	
9/11/2020	<0.0002	
4/5/2021	<0.0002	
8/13/2021	<0.0002	
2/14/2022	<0.0002	
8/31/2022	<0.0002	
2/28/2023		<0.0002
8/3/2023		<0.0002
3/4/2024		<0.0002
8/8/2024		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Mercury (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-48	GWA-48
12/21/2010	<0.0002	
2/14/2011	<0.0002	
3/23/2011	<0.0002	
4/27/2011	<0.0002	
10/25/2011	<0.0002	
5/1/2012	<0.0002	
11/8/2012	<0.0002	
5/7/2013	8.4E-05 (J)	
11/5/2013	<0.0002	
5/23/2014	<0.0002	
11/7/2014	<0.0002	
5/21/2015	<0.0002	
11/12/2015	<0.0002	
4/7/2016	<0.0002	
6/17/2016	<0.0002	
8/10/2016	0.00011 (JB)	
10/14/2016	<0.0002	
12/19/2016	<0.0002	
2/13/2017	<0.0002	
4/7/2017	<0.0002	
6/22/2017	<0.0002	
10/10/2017	9.2E-05 (JB)	
3/23/2018	<0.0002	
10/3/2018	0.0001415 (JBD)	
3/27/2019	<0.0002	
9/12/2019	<0.0002	
3/19/2020	<0.0002	
9/11/2020	<0.0002	
4/5/2021	<0.0002	
8/12/2021	<0.0002	
2/14/2022	<0.0002	
8/31/2022	<0.0002	
2/28/2023		<0.0002
8/3/2023		<0.0002
3/4/2024		<0.0002
8/8/2024		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Mercury (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-49	GWA-49
12/21/2010	<0.0002	
2/14/2011	<0.0002	
3/21/2011	<0.0002	
4/26/2011	<0.0002	
10/26/2011	<0.0002	
5/2/2012	<0.0002	
11/8/2012	<0.0002	
5/8/2013	<0.0002	
11/5/2013	<0.0002	
5/23/2014	<0.0002	
11/7/2014	<0.0002	
5/21/2015	<0.0002	
11/12/2015	<0.0002	
4/7/2016	<0.0002	
6/14/2016	<0.0002	
8/9/2016	8.5E-05 (J)	
10/11/2016	9E-05 (JB)	
12/2/2016	<0.0002	
2/9/2017	<0.0002	
4/7/2017	<0.0002	
6/22/2017	<0.0002	
10/10/2017	8.8E-05 (JB)	
3/22/2018	<0.0002	
10/3/2018	0.00014 (JBD)	
3/27/2019	<0.0002	
9/12/2019	<0.0002	
3/19/2020	<0.0002	
9/10/2020	<0.0002	
4/6/2021	<0.0002	
8/12/2021	<0.0002	
2/14/2022	<0.0002	
8/30/2022	<0.0002	
3/1/2023		<0.0002
8/3/2023		<0.0002
3/4/2024		<0.0002
8/9/2024		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Mercury (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-29
12/22/2010	<0.0002	
2/15/2011	<0.0002	
3/22/2011	<0.0002	
4/27/2011	<0.0002	
10/26/2011	<0.0002	
5/2/2012	<0.0002	
11/8/2012	<0.0002	
5/8/2013	<0.0002	
11/4/2013	<0.0002	
5/24/2014	<0.0002	
11/7/2014	<0.0002	
5/22/2015	<0.0002	
11/13/2015	<0.0002	
4/11/2016	<0.0002	
6/15/2016	<0.0002	
8/10/2016	8.5E-05 (JB)	
10/11/2016	9.2E-05 (JB)	
12/5/2016	0.0001 (JB)	
2/13/2017	<0.0002	
4/10/2017	<0.0002	
6/23/2017	<0.0002	
10/10/2017	9.1E-05 (JB)	
3/26/2018	<0.0002	
10/4/2018	<0.0002	
3/28/2019	<0.0002	
9/12/2019	<0.0002	
3/19/2020	<0.0002	
9/10/2020	<0.0002	
4/6/2021	<0.0002	
8/13/2021	<0.0002	
2/14/2022	<0.0002	
8/31/2022	<0.0002	
3/1/2023		<0.0002
8/3/2023		<0.0002
3/4/2024		<0.0002
8/8/2024		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Mercury (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-50	GWC-50
12/22/2010	<0.0002	
2/15/2011	<0.0002	
3/22/2011	<0.0002	
4/27/2011	<0.0002	
10/26/2011	<0.0002	
5/2/2012	<0.0002	
11/8/2012	<0.0002	
5/8/2013	<0.0002	
11/4/2013	<0.0002	
5/24/2014	<0.0002	
11/8/2014	<0.0002	
5/22/2015	<0.0002	
11/13/2015	<0.0002	
4/11/2016	<0.0002	
6/15/2016	<0.0002	
8/10/2016	7.9E-05 (JB)	
10/11/2016	0.00011 (JB)	
12/2/2016	<0.0002	
2/13/2017	<0.0002	
4/7/2017	<0.0002	
6/22/2017	<0.0002	
10/10/2017	8.9E-05 (JB)	
3/23/2018	7.6E-05 (JB)	
10/4/2018	<0.0002	
3/28/2019	<0.0002	
9/12/2019	<0.0002	
3/19/2020	<0.0002	
9/10/2020	<0.0002	
4/6/2021	<0.0002	
8/13/2021	<0.0002	
2/14/2022	<0.0002	
8/31/2022	<0.0002	
3/1/2023		<0.0002
8/3/2023		<0.0002
3/4/2024		<0.0002
8/8/2024		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Mercury (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-51	GWC-51
12/22/2010	<0.0002	
2/15/2011	<0.0002	
3/22/2011	<0.0002	
4/27/2011	<0.0002	
10/26/2011	<0.0002	
5/2/2012	<0.0002	
11/8/2012	<0.0002	
5/8/2013	<0.0002	
11/4/2013	<0.0002	
5/24/2014	<0.0002	
11/7/2014	<0.0002	
5/22/2015	<0.0002	
11/13/2015	<0.0002	
4/11/2016	<0.0002	
6/16/2016	<0.0002	
8/10/2016	9E-05 (J)	
10/13/2016	<0.0002	
12/5/2016	0.00011 (JB)	
2/13/2017	<0.0002	
4/10/2017	<0.0002	
6/23/2017	<0.0002	
10/11/2017	<0.0002	
3/26/2018	<0.0002	
10/4/2018	<0.0002	
3/27/2019	<0.0002	
9/12/2019	<0.0002	
3/19/2020	<0.0002	
9/11/2020	<0.0002	
4/5/2021	<0.0002	
8/13/2021	<0.0002	
2/15/2022	<0.0002	
8/31/2022	<0.0002	
2/28/2023		<0.0002
8/3/2023		<0.0002
3/4/2024		<0.0002
8/8/2024		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Mercury (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-52	GWC-52
12/21/2010	<0.0002	
2/15/2011	<0.0002	
3/21/2011	<0.0002	
4/28/2011	<0.0002	
10/26/2011	8.2E-05 (J)	
5/1/2012	<0.0002	
11/9/2012	<0.0002	
5/8/2013	<0.0002	
11/4/2013	<0.0002	
5/24/2014	<0.0002	
11/7/2014	<0.0002	
5/22/2015	<0.0002	
11/13/2015	<0.0002	
4/11/2016	<0.0002	
6/16/2016	<0.0002	
8/11/2016	0.00011 (JB)	
10/13/2016	<0.0002	
12/5/2016	0.00013 (JB)	
2/13/2017	<0.0002	
4/11/2017	<0.0002	
6/24/2017	<0.0002	
10/11/2017	<0.0002	
3/26/2018	<0.0002	
10/4/2018	<0.0002	
3/28/2019	<0.0002	
9/12/2019	<0.0002	
3/19/2020	<0.0002	
9/11/2020	<0.0002	
4/5/2021	<0.0002	
8/17/2021	<0.0002	
2/14/2022	<0.0002	
8/31/2022	<0.0002	
3/1/2023		<0.0002
8/3/2023		9E-05 (J)
3/4/2024		<0.0002
8/8/2024		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Mercury (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-53	GWC-53
12/20/2010	<0.0002	
2/14/2011	<0.0002	
3/21/2011	<0.0002	
4/27/2011	<0.0002	
10/26/2011	<0.0002	
5/1/2012	<0.0002	
11/9/2012	<0.0002	
5/8/2013	<0.0002	
11/4/2013	<0.0002	
5/24/2014	<0.0002	
11/7/2014	<0.0002	
5/20/2015	<0.0002	
11/13/2015	<0.0002	
4/8/2016	<0.0002	
6/16/2016	<0.0002	
8/11/2016	9.5E-05 (JB)	
10/13/2016	<0.0002	
12/6/2016	0.00011 (JB)	
2/13/2017	<0.0002	
4/11/2017	<0.0002	
6/24/2017	<0.0002	
10/11/2017	<0.0002	
3/26/2018	7.6E-05 (JB)	
10/4/2018	<0.0002	
3/28/2019	<0.0002	
9/12/2019	<0.0002	
3/19/2020	<0.0002	
9/11/2020	<0.0002	
4/6/2021	<0.0002	
8/13/2021	<0.0002	
2/14/2022	<0.0002	
8/31/2022	<0.0002	
2/28/2023		<0.0002
8/3/2023		<0.0002
3/4/2024		<0.0002
8/8/2024		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21	GWA-21
12/22/2010	<0.001	
2/14/2011	<0.001	
3/22/2011	<0.001	
4/26/2011	<0.001	
10/27/2011	<0.001	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/7/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/8/2014	<0.001	
5/21/2015	<0.001	
11/13/2015	<0.001	
4/6/2016	<0.001	
10/11/2016	<0.001	
4/10/2017	<0.001	
10/9/2017	0.0024 (JO)	
3/26/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	0.00097 (J)	
3/19/2020	0.00037 (J)	
9/10/2020	0.00095 (J)	
4/2/2021	0.00046 (J)	
8/12/2021	0.0011	
2/14/2022	<0.001	
8/26/2022	0.0012 (B)	
2/28/2023		0.0015
8/2/2023		0.00086 (J)
2/29/2024		0.00097 (J)
8/6/2024		0.00096 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-22	GWA-22
12/22/2010	0.003 (JO)	
2/14/2011	<0.001	
3/22/2011	<0.001	
4/26/2011	<0.001	
10/27/2011	<0.001	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/7/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/8/2014	<0.001	
5/21/2015	<0.001	
11/13/2015	<0.001	
4/8/2016	<0.001	
10/11/2016	<0.001	
4/7/2017	<0.001	
10/9/2017	<0.001	
3/26/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	<0.001	
4/2/2021	0.00049 (J)	
8/12/2021	0.00042 (J)	
2/15/2022	0.0014	
8/26/2022	0.00065 (JB)	
2/28/2023		0.00091 (J)
8/3/2023		0.00067 (J)
3/4/2024		0.00055 (J)
8/8/2024		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-45	GWA-45
12/20/2010	<0.001	
2/14/2011	<0.001	
3/21/2011	<0.001	
4/26/2011	<0.001	
10/26/2011	<0.001	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/8/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/7/2014	<0.001	
5/20/2015	<0.001	
11/13/2015	<0.001	
4/7/2016	<0.001	
10/10/2016	<0.001	
4/7/2017	<0.001	
10/10/2017	<0.001	
3/22/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	0.00061 (J)	
3/19/2020	0.00074 (J)	
9/11/2020	0.001	
4/2/2021	0.00077 (J)	
8/12/2021	0.00092 (J)	
2/14/2022	<0.001	
8/31/2022	0.00065 (JB)	
2/28/2023		0.00064 (J)
8/3/2023		0.00067 (J)
3/4/2024		0.0011
8/8/2024		0.00048 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-46	GWA-46
12/20/2010	<0.001	
2/1/2011	<0.001	
3/21/2011	<0.001	
4/26/2011	<0.001	
10/27/2011	<0.001	
5/2/2012	<0.001	
11/8/2012	0.0035 (JO)	
5/7/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/7/2014	<0.001	
5/20/2015	<0.001	
11/13/2015	<0.001	
4/7/2016	<0.001	
10/10/2016	<0.001	
4/7/2017	<0.001	
10/10/2017	<0.001	
3/23/2018	<0.001	
10/4/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	0.0004 (J)	
3/19/2020	<0.001	
9/11/2020	<0.001	
4/5/2021	<0.001	
8/12/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	0.00056 (JB)	
2/28/2023		<0.001
8/3/2023		0.00045 (J)
3/4/2024		<0.001
8/8/2024		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-47	GWA-47
12/20/2010	0.003 (J)	
2/1/2011	0.0072	
3/23/2011	<0.001	
4/27/2011	0.003 (I)	
10/26/2011	<0.001	
5/1/2012	<0.001	
11/8/2012	0.0066	
5/7/2013	0.022	
11/5/2013	0.0093	
5/23/2014	0.0045 (J)	
11/7/2014	0.0049 (J)	
5/21/2015	0.012	
11/12/2015	0.019	
4/8/2016	<0.001	
10/11/2016	<0.001	
4/7/2017	<0.001	
10/10/2017	<0.001	
3/22/2018	<0.001	
10/5/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/20/2020	<0.001	
9/11/2020	<0.001	
4/5/2021	<0.001	
8/13/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
2/28/2023		<0.001
8/3/2023		<0.001
3/4/2024		<0.001
8/8/2024		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-48	GWA-48
12/21/2010	0.0052	
2/14/2011	0.016	
3/23/2011	<0.001	
4/27/2011	<0.001	
10/25/2011	<0.001	
5/1/2012	0.0035 (I)	
11/8/2012	0.0046 (J)	
5/7/2013	0.0087	
11/5/2013	0.0036 (J)	
5/23/2014	<0.001	
11/7/2014	0.0064	
5/21/2015	0.0045 (J)	
11/12/2015	0.0036 (J)	
4/7/2016	<0.001	
10/14/2016	<0.001	
4/7/2017	<0.001	
10/10/2017	<0.001	
3/23/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	0.0004 (J)	
9/11/2020	<0.001	
4/5/2021	0.00034 (J)	
8/12/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
2/28/2023		<0.001
8/3/2023		<0.001
3/4/2024		<0.001
8/8/2024		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-49	GWA-49
12/21/2010	<0.001	
2/14/2011	<0.001	
3/21/2011	<0.001	
4/26/2011	<0.001	
10/26/2011	<0.001	
5/2/2012	<0.001	
11/8/2012	<0.001	
5/8/2013	<0.001	
11/5/2013	<0.001	
5/23/2014	<0.001	
11/7/2014	<0.001	
5/21/2015	<0.001	
11/12/2015	<0.001	
4/7/2016	<0.001	
10/11/2016	<0.001	
4/7/2017	<0.001	
10/10/2017	<0.001	
3/22/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	0.00043 (J)	
3/19/2020	<0.001	
9/10/2020	0.00062 (J)	
4/6/2021	<0.001	
8/12/2021	0.0019	
2/14/2022	0.00088 (J)	
8/30/2022	0.00074 (JB)	
3/1/2023		<0.001
8/3/2023		0.00046 (J)
3/4/2024		<0.001
8/9/2024		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-29
12/22/2010	<0.005	
2/15/2011	<0.005	
3/22/2011	<0.005	
4/27/2011	<0.005	
10/26/2011	<0.005	
5/2/2012	<0.005	
11/8/2012	<0.005	
5/8/2013	<0.005	
11/4/2013	<0.005	
5/24/2014	<0.005	
11/7/2014	<0.005	
5/22/2015	0.0032 (J)	
11/13/2015	<0.005	
4/11/2016	0.00388 (J)	
10/11/2016	0.0047	
4/10/2017	0.0042	
10/10/2017	0.0037	
3/26/2018	0.0037	
10/4/2018	0.0037	
3/28/2019	0.0038	
9/12/2019	0.0035	
3/19/2020	0.0039	
9/10/2020	0.0035	
4/6/2021	0.0042 (B)	
8/13/2021	0.0037	
2/14/2022	0.0034	
8/31/2022	0.0033 (B)	
3/1/2023		0.0038
8/3/2023		0.0031
3/4/2024		0.0028
8/8/2024		0.0025

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-50	GWC-50
12/22/2010	<0.0025	
2/15/2011	<0.0025	
3/22/2011	<0.0025	
4/27/2011	<0.0025	
10/26/2011	<0.0025	
5/2/2012	<0.0025	
11/8/2012	<0.0025	
5/8/2013	<0.0025	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/8/2014	<0.0025	
5/22/2015	<0.0025	
11/13/2015	<0.0025	
4/11/2016	<0.0025	
10/11/2016	<0.0025	
4/7/2017	<0.0025	
10/10/2017	<0.0025	
3/23/2018	<0.0025	
10/4/2018	<0.0025	
3/28/2019	<0.0025	
9/12/2019	0.0012	
3/19/2020	0.0015	
9/10/2020	0.0017	
4/6/2021	0.0019 (B)	
8/13/2021	0.0036	
2/14/2022	0.0026	
8/31/2022	0.0031 (B)	
3/1/2023		0.0073
8/3/2023		0.0033
3/4/2024		0.0029
8/8/2024		0.003

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-51	GWC-51
12/22/2010	<0.0025	
2/15/2011	<0.0025	
3/22/2011	<0.0025	
4/27/2011	<0.0025	
10/26/2011	<0.0025	
5/2/2012	<0.0025	
11/8/2012	<0.0025	
5/8/2013	<0.0025	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/7/2014	<0.0025	
5/22/2015	<0.0025	
11/13/2015	<0.0025	
4/11/2016	<0.0025	
10/13/2016	<0.0025	
4/10/2017	<0.0025	
10/11/2017	0.0018 (J)	
3/26/2018	0.0021 (J)	
10/4/2018	0.0024 (J)	
3/27/2019	0.0024 (J)	
9/12/2019	0.0019	
3/19/2020	0.0021	
9/11/2020	0.002	
4/5/2021	0.002	
8/13/2021	0.0034	
2/15/2022	0.0024	
8/31/2022	0.0025 (B)	
2/28/2023		0.0028
8/3/2023		0.0028
3/4/2024		0.0024
8/8/2024		0.0027

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Nickel (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-53	GWC-53
12/20/2010	0.006	
2/14/2011	0.0067	
3/21/2011	0.0066	
4/27/2011	0.0077	
10/26/2011	0.0063	
5/1/2012	0.0068	
11/9/2012	0.0067	
5/8/2013	0.0066	
11/4/2013	0.0072	
5/24/2014	0.0053	
11/7/2014	0.0052	
5/20/2015	0.0067	
11/13/2015	0.0063	
4/8/2016	0.0076 (J)	
10/13/2016	0.0073	
4/11/2017	0.0075	
10/11/2017	0.0072	
3/26/2018	0.0075	
10/4/2018	0.0073	
3/28/2019	0.0069	
9/12/2019	0.007	
3/19/2020	0.007	
9/11/2020	0.0074	
4/6/2021	0.0072 (B)	
8/13/2021	0.0073	
2/14/2022	0.0071	
8/31/2022	0.0069 (B)	
2/28/2023		0.0073
8/3/2023		0.0071
3/4/2024		0.0077
8/8/2024		0.0077

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: pH, Field (SU) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21	GWA-21
12/22/2010	5.72	
2/14/2011	6.01	
3/22/2011	5.65	
4/26/2011	5.67	
10/27/2011	5.95	
5/1/2012	5.88	
11/8/2012	5.82	
5/7/2013	5.48	
11/4/2013	5.97	
5/24/2014	5.52	
11/8/2014	5.89 (D)	
5/21/2015	5.64	
11/13/2015	5.65 (D)	
4/6/2016	6	
6/14/2016	5.75	
8/10/2016	5.75	
10/11/2016	5.8	
12/2/2016	5.78	
2/10/2017	5.83	
4/10/2017	5.74	
6/23/2017	5.83	
6/26/2017	5.83	
10/9/2017	5.61	
3/26/2018	5.76	
10/3/2018	5.78	
3/27/2019	5.97	
9/12/2019	5.83	
3/19/2020	5.81	
9/10/2020	5.83	
4/2/2021	6.06	
8/12/2021	5.88	
2/14/2022	5.99	
8/26/2022	5.73	
2/28/2023		5.81
8/2/2023		5.86
2/29/2024		5.8
8/6/2024		5.76

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: pH, Field (SU) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-22	GWA-22
12/22/2010	5.97	
2/14/2011	6.37	
3/22/2011	5.83	
4/26/2011	5.87	
10/27/2011	6.14	
5/1/2012	6.2	
11/8/2012	5.77	
5/7/2013	5.94	
11/4/2013	5.87	
5/24/2014	5.83	
11/8/2014	5.92 (D)	
5/21/2015	5.97 (D)	
11/13/2015	5.8 (D)	
4/8/2016	6.12	
6/14/2016	5.84	
8/9/2016	5.75	
10/11/2016	5.84	
12/5/2016	5.7	
2/10/2017	6.17	
4/7/2017	5.99	
6/26/2017	5.87	
10/9/2017	5.52	
3/26/2018	6.06	
10/3/2018	5.83	
3/27/2019	6.04	
9/12/2019	5.87	
3/19/2020	6.14	
9/10/2020	5.78	
4/2/2021	6.03	
8/12/2021	5.91	
2/15/2022	6.4	
8/26/2022	5.86	
2/28/2023		6.21
8/3/2023		6.03
3/4/2024		6.41
8/8/2024		5.93

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: pH, Field (SU) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-45	GWA-45
12/20/2010	6.21	
2/14/2011	6.17	
3/21/2011	6.14	
4/26/2011	5.91	
10/26/2011	6.39	
5/1/2012	6.32	
11/8/2012	6.08	
5/8/2013	6.34	
11/4/2013	6.36	
5/24/2014	5.94	
11/7/2014	6.26 (D)	
5/20/2015	6	
11/13/2015	6.02 (D)	
4/7/2016	6.48	
6/14/2016	6.05	
8/9/2016	6.05	
10/10/2016	6.02	
12/2/2016	5.95	
2/9/2017	6.24	
4/7/2017	5.95	
6/22/2017	6.02	
10/10/2017	6	
3/22/2018	6.2	
10/3/2018	6.03	
3/27/2019	6.31	
9/13/2019	5.96	
3/19/2020	6.46	
9/11/2020	5.98	
4/2/2021	5.92	
8/12/2021	5.92	
2/14/2022	6.31	
8/31/2022	6.03	
10/25/2022		5.99
11/16/2022		6.02
2/28/2023		5.88
8/3/2023		5.93
3/4/2024		6.54
8/8/2024		5.9
11/7/2024		6.19

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: pH, Field (SU) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-46	GWA-46
12/20/2010	5.54	
2/1/2011	5.55	
3/21/2011	5.61	
4/26/2011	5.6	
10/27/2011	5.77	
5/2/2012	5.72	
11/8/2012	5.83	
5/7/2013	5.94	
11/4/2013	5.94	
5/24/2014	5.45	
11/7/2014	5.92 (D)	
5/20/2015	5.8	
11/13/2015	5.78 (D)	
4/7/2016	6.83	
6/14/2016	5.82	
8/1/2016	5.78	
8/9/2016	5.78	
10/10/2016	5.78	
12/2/2016	5.71	
2/10/2017	5.79	
4/7/2017	5.93	
6/23/2017	5.77	
10/10/2017	5.81	
3/23/2018	5.89	
10/4/2018	5.86	
3/27/2019	5.95	
9/12/2019	5.83	
3/19/2020	5.93	
9/11/2020	6.02	
4/5/2021	5.92	
6/1/2021	5.8	
8/12/2021	5.71	
2/14/2022	5.85	
8/31/2022	5.8	
10/25/2022		5.88
11/16/2022		5.88
2/28/2023		5.91
8/3/2023		5.84
3/4/2024		5.94
8/8/2024		5.77

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: pH, Field (SU) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-47	GWA-47
12/20/2010	6.25	
2/1/2011	6.26	
3/23/2011	6.36	
4/27/2011	6.67	
10/26/2011	6.41	
5/1/2012	6.33	
11/8/2012	6.31	
5/7/2013	6.41	
11/5/2013	6.6	
5/23/2014	6.17	
11/7/2014	6.54 (D)	
5/21/2015	6.41	
11/12/2015	6.43 (D)	
4/7/2016	6.46	
4/8/2016	6.45	
6/14/2016	6.4	
8/9/2016	6.43	
10/11/2016	6.34	
12/5/2016	6.46	
2/10/2017	6.33	
4/7/2017	6.38	
6/22/2017	6.45	
10/10/2017	6.44	
3/22/2018	6.46	
10/5/2018	6.47	
3/27/2019	6.52	
9/12/2019	6.49	
3/19/2020	6.39	
3/20/2020	6.39	
9/11/2020	6.59	
4/5/2021	6.59	
6/1/2021	6.46	
8/13/2021	6.33	
2/14/2022	6.6	
8/31/2022	6.53	
10/25/2022		6.48
11/16/2022		6.51
2/28/2023		6.52
8/3/2023		6.42
3/4/2024		6.49
8/8/2024		6.34

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: pH, Field (SU) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-48	GWA-48
12/21/2010	6.91	
2/14/2011	6.73	
3/23/2011	6.88	
4/27/2011	6.63	
10/25/2011	6.87	
5/1/2012	6.76	
11/8/2012	6.72	
5/7/2013	6.79	
11/5/2013	7.11	
5/23/2014	6.6	
11/7/2014	6.91 (D)	
5/21/2015	6.77	
11/12/2015	6.81	
11/13/2015	6.81	
4/7/2016	6.74	
6/17/2016	6.78	
8/10/2016	6.73	
10/14/2016	6.7	
12/5/2016	6.71	
2/13/2017	6.56	
4/7/2017	6.62	
6/22/2017	6.76	
10/10/2017	6.7	
3/23/2018	6.92	
10/3/2018	6.81	
3/27/2019	6.86	
9/12/2019	6.78	
3/19/2020	6.73	
9/11/2020	6.76	
4/5/2021	6.78	
6/1/2021	6.78	
8/12/2021	6.86	
2/14/2022	6.93	
8/31/2022	6.91	
10/25/2022		6.81
11/16/2022		6.83
2/28/2023		6.87
8/3/2023		6.84
3/4/2024		6.86
8/8/2024		6.72

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: pH, Field (SU) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-49	GWA-49
12/21/2010	6.68	
2/14/2011	6.88	
3/21/2011	6.58	
4/26/2011	6.21	
10/26/2011	6.98	
5/2/2012	6.8	
11/8/2012	6.88	
5/8/2013	6.97	
11/5/2013	6.81	
5/23/2014	6.58	
11/7/2014	6.99 (D)	
5/21/2015	6.79	
11/12/2015	7 (D)	
4/7/2016	6.85	
6/14/2016	6.83	
8/9/2016	6.77	
10/11/2016	6.83	
12/2/2016	6.79	
2/9/2017	6.65	
4/7/2017	6.75	
6/22/2017	6.85	
10/10/2017	6.84	
3/22/2018	7	
10/3/2018	6.93	
3/27/2019	6.91	
9/12/2019	6.82	
3/19/2020	6.87	
9/10/2020	6.91	
4/6/2021	6.87	
8/12/2021	6.86	
2/14/2022	7.1	
8/30/2022	7.08	
10/25/2022		6.96
11/16/2022		6.91
3/1/2023		6.98
8/3/2023		6.88
3/4/2024		6.96
8/9/2024		6.82

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: pH, Field (SU) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-29
12/22/2010	5.62	
2/15/2011	5.89	
3/22/2011	5.61	
4/27/2011	5.53	
10/26/2011	5.91	
5/2/2012	5.95	
11/8/2012	5.72	
5/8/2013	6.12	
11/4/2013	5.62	
5/24/2014	5.62	
5/22/2015	5.8 (D)	
11/13/2015	5.87 (D)	
4/11/2016	5.84	
6/15/2016	5.82	
8/10/2016	5.82	
10/11/2016	5.78	
12/5/2016	5.72	
2/13/2017	5.81	
4/10/2017	5.75	
6/23/2017	5.78	
10/10/2017	5.82	
3/26/2018	5.91	
10/4/2018	5.83	
3/28/2019	5.95	
9/12/2019	5.98	
3/19/2020	5.97	
9/10/2020	6.09	
4/6/2021	6.3	
8/13/2021	6.18	
2/14/2022	6.29	
8/31/2022	6.21	
10/25/2022		6.21
11/16/2022		6.14
3/1/2023		6.11
8/3/2023		5.94
3/4/2024		6.52
8/8/2024		6.14

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: pH, Field (SU) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-50	GWC-50
12/22/2010	5.68	
2/15/2011	6.06	
3/22/2011	5.61	
4/27/2011	5.52	
10/26/2011	5.99	
5/2/2012	6	
11/8/2012	5.6	
5/8/2013	5.89	
11/4/2013	5.51	
5/24/2014	5.66	
11/8/2014	5.94 (D)	
5/22/2015	5.79 (D)	
11/13/2015	5.92 (D)	
4/11/2016	5.82	
6/15/2016	5.85	
8/10/2016	5.85	
10/11/2016	5.76	
12/2/2016	5.76	
2/13/2017	5.8	
4/7/2017	5.75	
6/22/2017	5.83	
10/10/2017	5.76	
3/23/2018	5.98	
10/4/2018	5.85	
3/28/2019	5.71	
9/13/2019	5.78	
3/19/2020	5.78	
9/10/2020	5.78	
4/6/2021	5.76	
8/13/2021	5.86	
2/14/2022	5.9	
8/31/2022	5.85	
10/25/2022		5.89
11/16/2022		5.81
3/1/2023		5.69
5/2/2023		5.82
8/3/2023		5.89
3/4/2024		5.77
8/8/2024		5.74

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: pH, Field (SU) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-51	GWC-51
12/22/2010	5.67	
2/15/2011	5.98	
3/22/2011	5.74	
4/27/2011	5.67	
10/26/2011	6	
5/2/2012	5.96	
11/8/2012	5.78	
5/8/2013	5.64	
11/4/2013	6	
5/24/2014	5.71	
11/7/2014	5.95 (D)	
5/22/2015	5.84 (D)	
5/25/2015	8.36 (O)	
11/13/2015	5.82 (D)	
4/11/2016	5.88	
6/16/2016	5.85	
8/10/2016	5.83	
10/13/2016	5.84	
12/5/2016	5.81	
2/13/2017	5.76	
4/10/2017	5.78	
6/23/2017	5.82	
10/11/2017	5.83	
3/26/2018	5.98	
10/4/2018	5.85	
3/27/2019	5.94	
9/12/2019	5.86	
3/19/2020	5.9	
9/11/2020	5.84	
4/5/2021	5.99	
6/2/2021	5.87	
8/13/2021	5.92	
2/15/2022	6.02	
8/31/2022	5.91	
10/25/2022		5.94
11/16/2022		5.87
2/28/2023		5.86
8/3/2023		5.86
3/4/2024		5.85
8/8/2024		5.91

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: pH, Field (SU) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-52	GWC-52
12/21/2010	6.52	
2/15/2011	6.42	
3/21/2011	6.41	
4/28/2011	6.4	
10/26/2011	6.81	
5/1/2012	6.74	
11/9/2012	6.77	
5/8/2013	6.6	
11/4/2013	6.9	
5/24/2014	6.5	
11/7/2014	6.75 (D)	
5/22/2015	6.65 (D)	
5/25/2015	7.63 (O)	
11/13/2015	6.77 (D)	
4/11/2016	6.64	
6/16/2016	6.6	
8/11/2016	6.61	
10/13/2016	6.64	
12/5/2016	6.63	
2/13/2017	6.59	
4/11/2017	6.53	
6/26/2017	6.6	
10/11/2017	6.61	
3/26/2018	6.77	
10/4/2018	6.67	
3/28/2019	6.71	
9/12/2019	6.68	
3/19/2020	6.64	
9/11/2020	6.64	
4/5/2021	6.68	
6/2/2021	6.6	
8/17/2021	6.63	
2/14/2022	6.79	
8/31/2022	6.74	
10/25/2022		6.65
11/16/2022		6.65
3/1/2023		6.59
8/3/2023		6.63
3/4/2024		7.01
8/8/2024		6.54

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: pH, Field (SU) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-53	GWC-53
12/20/2010	5.63	
2/14/2011	5.61	
3/21/2011	5.71	
4/27/2011	5.71	
10/26/2011	5.66	
5/1/2012	5.58	
11/9/2012	5.53	
5/8/2013	6.14	
11/4/2013	5.54	
5/24/2014	5.37	
11/7/2014	5.67 (D)	
5/20/2015	5.49	
11/13/2015	5.52 (D)	
4/8/2016	5.63	
6/16/2016	5.56	
8/11/2016	5.56	
10/13/2016	5.61	
12/6/2016	5.48	
2/13/2017	5.57	
4/11/2017	5.52	
6/26/2017	5.56	
10/11/2017	5.51	
3/26/2018	5.78	
10/4/2018	5.56	
3/28/2019	5.67	
9/13/2019	5.55	
3/19/2020	5.65	
9/11/2020	5.69	
4/6/2021	5.67	
8/13/2021	5.47	
2/14/2022	5.65	
8/31/2022	5.59	
10/25/2022		5.64
11/16/2022		5.65
2/28/2023		5.66
8/3/2023		5.56
10/4/2023		5.63
3/4/2024		5.9
5/20/2024		5.61
8/8/2024		5.58
11/7/2024		5.73

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Selenium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-22	GWA-22
12/22/2010	<0.005	
2/14/2011	<0.005	
3/22/2011	<0.005	
4/26/2011	<0.005	
10/27/2011	<0.005	
5/1/2012	<0.005	
11/8/2012	<0.005	
5/7/2013	<0.005	
11/4/2013	0.0048 (JV)	
5/24/2014	<0.005	
11/8/2014	<0.005	
5/21/2015	0.0041 (J)	
11/13/2015	<0.005	
4/8/2016	<0.005	
6/14/2016	<0.005	
8/9/2016	<0.005	
10/11/2016	<0.005	
12/5/2016	<0.005	
2/10/2017	0.0032	
4/7/2017	<0.005	
6/26/2017	<0.005	
10/9/2017	<0.005	
3/26/2018	<0.005	
10/3/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	<0.005	
3/19/2020	<0.005	
9/10/2020	<0.005	
4/2/2021	<0.005	
8/12/2021	<0.005	
2/15/2022	<0.005	
8/26/2022	<0.005	
2/28/2023		<0.005
8/3/2023		<0.005
3/4/2024		<0.005
8/8/2024		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Selenium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-45	GWA-45
12/20/2010	<0.005	
2/14/2011	<0.005	
3/21/2011	<0.005	
4/26/2011	<0.005	
10/26/2011	<0.005	
5/1/2012	<0.005	
11/8/2012	<0.005	
5/8/2013	0.0048 (J)	
11/4/2013	<0.005	
5/24/2014	0.0042 (J)	
11/7/2014	<0.005	
5/20/2015	0.0093 (JO)	
11/13/2015	0.0061 (JO)	
4/7/2016	<0.005	
6/14/2016	<0.005	
8/9/2016	<0.005	
10/10/2016	<0.005	
12/2/2016	<0.005	
2/9/2017	<0.005	
4/7/2017	<0.005	
6/22/2017	0.0004 (J)	
10/10/2017	0.00033 (J)	
3/22/2018	<0.005	
10/3/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	<0.005	
3/19/2020	<0.005	
9/11/2020	<0.005	
4/2/2021	<0.005	
8/12/2021	<0.005	
2/14/2022	<0.005	
8/31/2022	<0.005	
2/28/2023		0.00076 (J)
8/3/2023		<0.005
3/4/2024		<0.005
8/8/2024		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Selenium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-47	GWA-47
12/20/2010	<0.005	
2/1/2011	<0.005	
3/23/2011	<0.005	
4/27/2011	<0.005	
10/26/2011	<0.005	
5/1/2012	<0.005	
11/8/2012	<0.005	
5/7/2013	<0.005	
11/5/2013	0.0064 (JO)	
5/23/2014	<0.005	
11/7/2014	<0.005	
5/21/2015	<0.005	
11/12/2015	<0.005	
4/8/2016	<0.005	
6/14/2016	<0.005	
8/9/2016	<0.005	
10/11/2016	<0.005	
12/5/2016	<0.005	
2/10/2017	<0.005	
4/7/2017	<0.005	
6/22/2017	0.0021	
10/10/2017	<0.005	
3/22/2018	<0.005	
10/5/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	<0.005	
3/20/2020	<0.005	
9/11/2020	<0.005	
4/5/2021	<0.005	
8/13/2021	<0.005	
2/14/2022	<0.005	
8/31/2022	<0.005	
2/28/2023		<0.005
8/3/2023		<0.005
3/4/2024		<0.005
8/8/2024		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Selenium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-48	GWA-48
12/21/2010	<0.005	
2/14/2011	<0.005	
3/23/2011	<0.005	
4/27/2011	<0.005	
10/25/2011	<0.005	
5/1/2012	<0.005	
11/8/2012	<0.005	
5/7/2013	0.0046 (J)	
11/5/2013	0.0047 (JV)	
5/23/2014	<0.005	
11/7/2014	<0.005	
5/21/2015	0.0077 (JO)	
11/12/2015	<0.005	
4/7/2016	<0.005	
6/17/2016	<0.005	
8/10/2016	<0.005	
10/14/2016	<0.005	
12/19/2016	<0.005	
2/13/2017	<0.005	
4/7/2017	<0.005	
6/22/2017	0.00069 (J)	
10/10/2017	<0.005	
3/23/2018	<0.005	
10/3/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	<0.005	
3/19/2020	<0.005	
9/11/2020	<0.005	
4/5/2021	<0.005	
8/12/2021	<0.005	
2/14/2022	<0.005	
8/31/2022	<0.005	
2/28/2023		<0.005
8/3/2023		<0.005
3/4/2024		<0.005
8/8/2024		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Selenium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-49	GWA-49
12/21/2010	<0.005	
2/14/2011	<0.005	
3/21/2011	<0.005	
4/26/2011	<0.005	
10/26/2011	0.004 (J)	
5/2/2012	<0.005	
11/8/2012	<0.005	
5/8/2013	<0.005	
11/5/2013	<0.005	
5/23/2014	<0.005	
11/7/2014	<0.005	
5/21/2015	0.0041 (J)	
11/12/2015	<0.005	
4/7/2016	<0.005	
6/14/2016	<0.005	
8/9/2016	<0.005	
10/11/2016	<0.005	
12/2/2016	<0.005	
2/9/2017	<0.005	
4/7/2017	0.00092 (J)	
6/22/2017	0.0013	
10/10/2017	<0.005	
3/22/2018	<0.005	
10/3/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	<0.005	
3/19/2020	<0.005	
9/10/2020	<0.005	
4/6/2021	<0.005	
8/12/2021	<0.005	
2/14/2022	<0.005	
8/30/2022	<0.005	
3/1/2023		<0.005
8/3/2023		<0.005
3/4/2024		<0.005
8/9/2024		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Selenium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-29
12/22/2010	<0.005	
2/15/2011	<0.005	
3/22/2011	<0.005	
4/27/2011	<0.005	
10/26/2011	<0.005	
5/2/2012	<0.005	
11/8/2012	<0.005	
5/8/2013	<0.005	
11/4/2013	<0.005	
5/24/2014	0.0044 (J)	
11/7/2014	<0.005	
5/22/2015	<0.005	
11/13/2015	<0.005	
4/11/2016	<0.005	
6/15/2016	<0.005	
8/10/2016	<0.005	
10/11/2016	<0.005	
12/5/2016	<0.005	
2/13/2017	<0.005	
4/10/2017	<0.005	
6/23/2017	<0.005	
10/10/2017	<0.005	
3/26/2018	<0.005	
10/4/2018	0.00032 (J)	
3/28/2019	<0.005	
9/12/2019	<0.005	
3/19/2020	<0.005	
9/10/2020	<0.005	
4/6/2021	<0.005	
8/13/2021	<0.005	
2/14/2022	<0.005	
8/31/2022	<0.005	
3/1/2023		<0.005
8/3/2023		<0.005
3/4/2024		<0.005
8/8/2024		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Selenium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-50	GWC-50
12/22/2010	<0.005	
2/15/2011	<0.005	
3/22/2011	<0.005	
4/27/2011	<0.005	
10/26/2011	<0.005	
5/2/2012	<0.005	
11/8/2012	<0.005	
5/8/2013	0.0042 (J)	
11/4/2013	<0.005	
5/24/2014	<0.005	
11/8/2014	<0.005	
5/22/2015	<0.005	
11/13/2015	<0.005	
4/11/2016	<0.005	
6/15/2016	<0.005	
8/10/2016	<0.005	
10/11/2016	<0.005	
12/2/2016	<0.005	
2/13/2017	<0.005	
4/7/2017	0.0021	
6/22/2017	<0.005	
10/10/2017	<0.005	
3/23/2018	<0.005	
10/4/2018	<0.005	
3/28/2019	<0.005	
9/12/2019	<0.005	
3/19/2020	<0.005	
9/10/2020	<0.005	
4/6/2021	<0.005	
8/13/2021	<0.005	
2/14/2022	<0.005	
8/31/2022	<0.005	
3/1/2023		<0.005
8/3/2023		<0.005
3/4/2024		<0.005
8/8/2024		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Selenium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-52	GWC-52
12/21/2010	<0.005	
2/15/2011	<0.005	
3/21/2011	<0.005	
4/28/2011	<0.005	
10/26/2011	<0.005	
5/1/2012	<0.005	
11/9/2012	<0.005	
5/8/2013	<0.005	
11/4/2013	0.0049 (JV)	
5/24/2014	<0.005	
11/7/2014	<0.005	
5/22/2015	0.0067 (JO)	
11/13/2015	<0.005	
4/11/2016	<0.005	
6/16/2016	<0.005	
8/11/2016	0.00036 (J)	
10/13/2016	0.00035 (J)	
12/5/2016	<0.005	
2/13/2017	<0.005	
4/11/2017	0.0027	
6/24/2017	<0.005	
10/11/2017	<0.005	
3/26/2018	<0.005	
10/4/2018	0.0004 (J)	
3/28/2019	<0.005	
9/12/2019	<0.005	
3/19/2020	<0.005	
9/11/2020	<0.005	
4/5/2021	<0.005	
8/17/2021	<0.005	
2/14/2022	<0.005	
8/31/2022	<0.005	
3/1/2023		0.00099 (J)
8/3/2023		<0.005
3/4/2024		<0.005
8/8/2024		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Selenium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-53	GWC-53
12/20/2010	<0.005	
2/14/2011	<0.005	
3/21/2011	<0.005	
4/27/2011	<0.005	
10/26/2011	<0.005	
5/1/2012	<0.005	
11/9/2012	<0.005	
5/8/2013	<0.005	
11/4/2013	<0.005	
5/24/2014	<0.005	
11/7/2014	<0.005	
5/20/2015	<0.005	
11/13/2015	<0.005	
4/8/2016	<0.005	
6/16/2016	<0.005	
8/11/2016	<0.005	
10/13/2016	0.00046 (J)	
12/6/2016	<0.005	
2/13/2017	0.0025	
4/11/2017	0.00089 (J)	
6/24/2017	<0.005	
10/11/2017	<0.005	
3/26/2018	<0.005	
10/4/2018	<0.005	
3/28/2019	<0.005	
9/12/2019	<0.005	
3/19/2020	<0.005	
9/11/2020	<0.005	
4/6/2021	<0.005	
8/13/2021	<0.005	
2/14/2022	<0.005	
8/31/2022	<0.005	
2/28/2023		<0.005
8/3/2023		<0.005
3/4/2024		<0.005
8/8/2024		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21	GWA-21
4/6/2016	0.813 (J)	
6/14/2016	1.1	
8/10/2016	0.9 (J)	
10/11/2016	0.99 (J)	
12/2/2016	0.99 (J)	
2/10/2017	1.4	
4/10/2017	1.6	
6/23/2017	1.8	
10/9/2017	2.5	
3/26/2018	2.3	
10/3/2018	1.9	
3/27/2019	0.81 (J)	
9/12/2019	1.3	
3/19/2020	0.92 (J)	
9/10/2020	1.3	
4/2/2021	0.99 (J)	
8/12/2021	1.8	
2/14/2022	1	
8/26/2022	2.7	
2/28/2023		2.7
8/2/2023		1.4
2/29/2024		2.8
8/6/2024		1.7

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-22	GWA-22
4/8/2016	<1	
6/14/2016	0.14 (J)	
8/9/2016	<1	
10/11/2016	<1	
12/5/2016	<1	
2/10/2017	<1	
4/7/2017	<1	
6/26/2017	<1	
10/9/2017	<1	
3/26/2018	<1	
10/3/2018	<1	
3/27/2019	<1	
9/12/2019	0.38 (J)	
3/19/2020	<1	
9/10/2020	<1	
4/2/2021	<1	
8/12/2021	<1	
2/15/2022	0.87 (J)	
8/26/2022	<1	
2/28/2023		1.7
8/3/2023		<1
3/4/2024		<1
8/8/2024		<1

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-45	GWA-45
4/7/2016	107.095	
6/14/2016	160 (D)	
8/9/2016	130	
10/10/2016	140	
12/2/2016	150	
2/9/2017	150	
4/7/2017	140	
6/22/2017	160	
10/10/2017	160	
3/22/2018	150	
10/3/2018	140	
3/27/2019	140	
9/12/2019	170	
3/19/2020	150	
9/11/2020	170	
4/2/2021	180	
8/12/2021	180	
2/14/2022	130	
8/31/2022	170	
2/28/2023		170
8/3/2023		170
3/4/2024		160
8/8/2024	300 (o)	
11/7/2024		160

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-46	GWA-46
4/7/2016	0.594 (J)	
6/14/2016	0.43 (J)	
8/9/2016	<1	
10/10/2016	<1	
12/2/2016	<1	
2/10/2017	<1	
4/7/2017	<1	
6/23/2017	<1	
10/10/2017	<1	
3/23/2018	<1	
10/4/2018	<1	
3/27/2019	0.52 (J)	
9/12/2019	0.61 (J)	
3/19/2020	0.39 (J)	
9/11/2020	0.99 (J)	
4/5/2021	<1	
8/12/2021	1	
2/14/2022	<1	
8/31/2022	1.1	
2/28/2023		1.7
8/3/2023		0.49 (J)
3/4/2024		0.64 (J)
8/8/2024		<1

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-47	GWA-47
4/8/2016	0.334 (J)	
6/14/2016	0.35 (J)	
8/9/2016	<1	
10/11/2016	<1	
12/5/2016	<1	
2/10/2017	<1	
4/7/2017	<1	
6/22/2017	<1	
10/10/2017	<1	
3/22/2018	<1	
10/5/2018	<1	
3/27/2019	<1	
9/12/2019	0.4 (J)	
3/20/2020	0.58 (J)	
9/11/2020	0.39 (J)	
4/5/2021	<1	
8/13/2021	<1	
2/14/2022	<1	
8/31/2022	1.1	
2/28/2023		1.6
8/3/2023		<1
3/4/2024		0.46 (J)
8/8/2024		<1

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-48	GWA-48
4/7/2016	1.522	
6/17/2016	1.1 (D)	
8/10/2016	1.1	
10/14/2016	0.89 (J)	
12/19/2016	1.2	
2/13/2017	1.4	
4/7/2017	1.2	
6/22/2017	1.1	
10/10/2017	0.92 (J)	
3/23/2018	1.3	
10/3/2018	1.2	
3/27/2019	1.6	
9/12/2019	1.2	
3/19/2020	1.5	
9/11/2020	1.3	
4/5/2021	1.3	
8/12/2021	1	
2/14/2022	1.2	
8/31/2022	1.6	
2/28/2023		2.5
8/3/2023		0.94 (J)
3/4/2024		1.4
8/8/2024		0.66 (J)

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-49	GWA-49
4/7/2016	0.507 (J)	
6/14/2016	0.55 (J)	
8/9/2016	<1	
10/11/2016	<1	
12/2/2016	<1	
2/9/2017	<1	
4/7/2017	<1	
6/22/2017	<1	
10/10/2017	<1	
3/22/2018	<1	
10/3/2018	<1	
3/27/2019	0.56 (J)	
9/12/2019	0.77 (J)	
3/19/2020	0.56 (J)	
9/10/2020	0.42 (J)	
4/6/2021	<1	
8/12/2021	<1	
2/14/2022	0.85 (J)	
8/30/2022	0.76 (J)	
3/1/2023		1.2
8/3/2023		0.46 (J)
3/4/2024		0.66 (J)
8/9/2024		<1

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-29
4/11/2016	2.15	
6/15/2016	2.5	
8/10/2016	2.5	
10/11/2016	2.7	
12/5/2016	2.6	
2/13/2017	2.4	
4/10/2017	2.3	
6/23/2017	2.5	
10/10/2017	2.5	
3/26/2018	2.4	
10/4/2018	2.8	
3/28/2019	3.2	
9/12/2019	3.2	
3/19/2020	3.2	
9/10/2020	2.7	
4/6/2021	2.5	
8/13/2021	2.7	
2/14/2022	2.9	
8/31/2022	2.8	
3/1/2023		2.4
8/3/2023		1.7
3/4/2024		2.1
8/8/2024		1.7

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-50	GWC-50
4/11/2016	<1	
6/15/2016	0.18 (J)	
8/10/2016	<1	
10/11/2016	<1	
12/2/2016	<1	
2/13/2017	<1	
4/7/2017	<1	
6/22/2017	<1	
10/10/2017	<1	
3/23/2018	<1	
10/4/2018	<1	
3/28/2019	0.38 (J)	
9/12/2019	<1	
3/19/2020	<1	
9/10/2020	<1	
4/6/2021	<1	
8/13/2021	<1	
2/14/2022	<1	
8/31/2022	0.88 (J)	
3/1/2023	170 (o)	
8/3/2023		<1
3/4/2024		<1
8/8/2024		<1

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-51	GWC-51
4/11/2016	0.415 (J)	
6/16/2016	0.5 (J)	
8/10/2016	<1	
10/13/2016	<1	
12/5/2016	<1	
2/13/2017	<1	
4/10/2017	<1	
6/23/2017	<1	
10/11/2017	<1	
3/26/2018	<1	
10/4/2018	<1	
3/27/2019	2.7	
9/12/2019	0.65 (J)	
3/19/2020	0.71 (J)	
9/11/2020	2.6	
4/5/2021	1.7	
8/13/2021	1.4	
2/15/2022	1.8	
8/31/2022	2.4	
2/28/2023		3.2
8/3/2023		2.2
3/4/2024		2.9
8/8/2024		2.8

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-52	GWC-52
4/11/2016	<1	
6/16/2016	10	
8/11/2016	9.8 (F1)	
10/13/2016	11	
12/5/2016	13	
2/13/2017	14	
4/11/2017	12	
6/24/2017	12	
10/11/2017	13	
3/26/2018	20	
10/4/2018	23	
3/28/2019		29
9/12/2019		34
3/19/2020		40
9/11/2020		39
4/5/2021		57 (F1)
8/17/2021		54
2/14/2022		56
8/31/2022		65
3/1/2023		70
8/3/2023		74
3/4/2024		90
8/8/2024		41

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Sulfate (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-53	GWC-53
4/8/2016	135.355	
6/16/2016	140	
8/11/2016	130	
10/13/2016	140	
12/6/2016	150	
2/13/2017	160	
4/11/2017	130	
6/24/2017	160	
10/11/2017	160	
3/26/2018	160	
10/4/2018	170	
3/28/2019	170	
9/12/2019	170	
3/19/2020	170	
9/11/2020	160	
4/6/2021	160	
8/13/2021	170	
2/14/2022	150	
8/31/2022	170	
2/28/2023		170
8/3/2023		170
3/4/2024		180
8/8/2024	340 (o)	
11/7/2024		180

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: TDS (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21	GWA-21
4/6/2016	51	
6/14/2016	62	
8/10/2016	70	
10/11/2016	84	
12/2/2016	74	
2/10/2017	100	
4/10/2017	82	
6/23/2017	72	
10/9/2017	82	
3/26/2018	94	
10/3/2018	72	
3/27/2019	98	
9/12/2019	130	
3/19/2020	100	
9/10/2020	110	
4/2/2021	100	
8/12/2021	98	
2/14/2022	100	
8/26/2022	110	
2/28/2023		98
8/2/2023		98
2/29/2024		92
8/6/2024		87

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: TDS (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-22	GWA-22
4/8/2016	74	
6/14/2016	111	
8/9/2016	44	
10/11/2016	64	
12/5/2016	52	
2/10/2017	86	
4/7/2017	68	
6/26/2017	76	
10/9/2017	50	
3/26/2018	56	
10/3/2018	42	
3/27/2019	76	
9/12/2019	72	
3/19/2020	65	
9/10/2020	56	
4/2/2021	69	
8/12/2021	68	
2/15/2022	85	
8/26/2022	83	
2/28/2023		99
8/3/2023		77
3/4/2024		96
8/8/2024		73

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: TDS (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-45	GWA-45
4/7/2016	237	
6/14/2016	240	
8/9/2016	230	
10/10/2016	240	
12/2/2016	270	
2/9/2017	240	
4/7/2017	260	
6/22/2017	300	
10/10/2017	280	
3/22/2018	310	
10/3/2018	190	
3/27/2019	290	
9/12/2019	340	
3/19/2020	310	
9/11/2020	340	
4/2/2021	360	
8/12/2021	330	
2/14/2022	290	
11/16/2022		300
2/28/2023		320
8/3/2023		310
3/4/2024		310
8/8/2024		290

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: TDS (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-46	GWA-46
4/7/2016	69	
6/14/2016	<25	
8/9/2016	40	
10/10/2016	34	
12/2/2016	50	
2/10/2017	60	
4/7/2017	70	
6/23/2017	42	
10/10/2017	34	
3/23/2018	52	
10/4/2018	48	
3/27/2019	66	
9/12/2019	97	
3/19/2020	51	
9/11/2020	51	
4/5/2021	46	
8/12/2021	55	
2/14/2022	68	
11/16/2022		55
2/28/2023		64
8/3/2023		63
3/4/2024		66
8/8/2024		67

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: TDS (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-47	GWA-47
4/8/2016	89	
6/14/2016	55	
8/9/2016	90	
10/11/2016	86	
12/5/2016	74	
2/10/2017	100	
4/7/2017	92	
6/22/2017	64	
10/10/2017	68	
3/22/2018	92	
10/5/2018	90	
3/27/2019	94	
9/12/2019	88	
3/20/2020	99	
9/11/2020	110	
4/5/2021	63	
8/13/2021	110	
2/14/2022	94	
11/16/2022		94
2/28/2023		120
8/3/2023		100
3/4/2024		99
8/8/2024		100

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: TDS (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-48	GWA-48
4/7/2016	100	
6/17/2016	69	
8/10/2016	110	
10/14/2016	100	
12/19/2016	100	
2/13/2017	80	
4/7/2017	86	
6/22/2017	72	
10/10/2017	70	
3/23/2018	86	
10/3/2018	88	
3/27/2019	100	
9/12/2019	110	
3/19/2020	97	
9/11/2020	120	
4/5/2021	99	
8/12/2021	100	
2/14/2022	100	
11/16/2022		100
2/28/2023		110
8/3/2023		100
3/4/2024		100
8/8/2024		94

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: TDS (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-49	GWA-49
4/7/2016	114	
6/14/2016	56 (O)	
8/9/2016	100	
10/11/2016	110	
12/2/2016	94	
2/9/2017	100	
4/7/2017	100	
6/22/2017	110	
10/10/2017	100	
3/22/2018	100	
10/3/2018	96	
3/27/2019	120	
9/12/2019	120	
3/19/2020	110	
9/10/2020	130	
4/6/2021	110	
8/12/2021	120	
2/14/2022	110	
11/16/2022		110
3/1/2023		120
8/3/2023		130
3/4/2024		110
8/9/2024		110

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: TDS (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-29
4/11/2016	88	
6/15/2016	114	
8/10/2016	82	
10/11/2016	92	
12/5/2016	86	
2/13/2017	62	
4/10/2017	60	
6/23/2017	74	
10/10/2017	86	
3/26/2018	58	
10/4/2018	130	
3/28/2019	88	
9/12/2019	110	
3/19/2020	110	
9/10/2020	120	
4/6/2021	110	
8/13/2021	120	
2/14/2022	120	
11/16/2022		110
3/1/2023		130
8/3/2023		120
3/4/2024		110
8/8/2024		110

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: TDS (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-50	GWC-50
4/11/2016	79	
6/15/2016	79	
8/10/2016	72	
10/11/2016	76	
12/2/2016	60	
2/13/2017	58	
4/7/2017	68	
6/22/2017	16	
10/10/2017	44	
3/23/2018	96	
10/4/2018	110	
3/28/2019	65	
9/12/2019	89	
3/19/2020	64	
9/10/2020	82	
4/6/2021	49	
8/13/2021	72	
2/14/2022	79	
11/16/2022		76
3/1/2023	290 (o)	
8/3/2023		77
3/4/2024		68
8/8/2024		76

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: TDS (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-51	GWC-51
4/11/2016	88	
6/16/2016	74	
8/10/2016	66	
10/13/2016	72	
12/5/2016	70	
2/13/2017	12 (O)	
4/10/2017	80	
6/23/2017	66	
10/11/2017	56	
3/26/2018	72	
10/4/2018	96	
3/27/2019	76	
9/12/2019	110	
3/19/2020	66	
9/11/2020	87	
4/5/2021	66	
8/13/2021	92	
2/15/2022	67	
11/16/2022		89
2/28/2023		84
8/3/2023		82
3/4/2024		86
8/8/2024		84

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: TDS (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-52	GWC-52
4/11/2016	103	
6/16/2016	117	
8/11/2016	94	
10/13/2016	110	
12/5/2016	130	
2/13/2017	92	
4/11/2017	120	
6/24/2017	120	
10/11/2017	120	
3/26/2018	98	
10/4/2018	190	
3/28/2019	140	
9/12/2019	160	
3/19/2020	160	
9/11/2020	170	
4/5/2021	170	
8/17/2021	180	
2/14/2022	150	
11/16/2022		180
3/1/2023		190
8/3/2023		200
3/4/2024		200
8/8/2024		210

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: TDS (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-53	GWC-53
4/8/2016	237	
6/16/2016	231	
8/11/2016	190	
10/13/2016	230	
12/6/2016	260	
2/13/2017	230	
4/11/2017	210	
6/24/2017	250	
10/11/2017	280	
3/26/2018	240	
10/4/2018	320	
3/28/2019	280	
9/12/2019	300	
3/19/2020	270	
9/11/2020	290	
4/6/2021	250	
8/13/2021	290	
2/14/2022	280	
11/16/2022		270
2/28/2023		280
8/3/2023		290
3/4/2024		310
8/8/2024		290

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Thallium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21	GWA-21
12/22/2010	<0.001	
2/14/2011	<0.001	
3/22/2011	<0.001	
4/26/2011	<0.001	
10/27/2011	<0.001	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/7/2013	<0.001	
11/4/2013	0.00025 (J)	
5/24/2014	<0.001	
11/8/2014	0.00048 (J)	
5/21/2015	<0.001	
11/13/2015	<0.001	
4/6/2016	<0.001	
6/14/2016	<0.001	
8/10/2016	<0.001	
10/11/2016	<0.001	
12/2/2016	<0.001	
2/10/2017	<0.001	
4/10/2017	<0.001	
6/23/2017	<0.001	
10/9/2017	<0.001	
3/26/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	<0.001	
4/2/2021	0.00016 (J)	
8/12/2021	<0.001	
2/14/2022	<0.001	
8/26/2022	<0.001	
2/28/2023		<0.001
8/2/2023		<0.001
2/29/2024		<0.001
8/6/2024		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Thallium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-22	GWA-22
12/22/2010	<0.001	
2/14/2011	<0.001	
3/22/2011	<0.001	
4/26/2011	<0.001	
10/27/2011	<0.001	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/7/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/8/2014	0.00086 (J)	
5/21/2015	<0.001	
11/13/2015	<0.001	
4/8/2016	<0.001	
6/14/2016	<0.001	
8/9/2016	<0.001	
10/11/2016	<0.001	
12/5/2016	<0.001	
2/10/2017	<0.001	
4/7/2017	<0.001	
6/26/2017	<0.001	
10/9/2017	<0.001	
3/26/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	<0.001	
4/2/2021	0.00036 (J)	
8/12/2021	<0.001	
2/15/2022	<0.001	
8/26/2022	<0.001	
2/28/2023		<0.001
8/3/2023		<0.001
3/4/2024		<0.001
8/8/2024		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Thallium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-45	GWA-45
12/20/2010	0.00026 (J)	
2/14/2011	<0.001	
3/21/2011	<0.001	
4/26/2011	<0.001	
10/26/2011	<0.001	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/8/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/7/2014	0.00032 (J)	
5/20/2015	<0.001	
11/13/2015	<0.001	
4/7/2016	<0.001	
6/14/2016	<0.001	
8/9/2016	<0.001	
10/10/2016	<0.001	
12/2/2016	<0.001	
2/9/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/10/2017	<0.001	
3/22/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	0.00036 (JB)	
9/11/2020	<0.001	
4/2/2021	<0.001	
8/12/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
2/28/2023		<0.001
8/3/2023		<0.001
3/4/2024		<0.001
8/8/2024		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Thallium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-48	GWA-48
12/21/2010	<0.001	
2/14/2011	<0.001	
3/23/2011	<0.001	
4/27/2011	<0.001	
10/25/2011	<0.001	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/7/2013	<0.001	
11/5/2013	<0.001	
5/23/2014	<0.001	
11/7/2014	<0.001	
5/21/2015	<0.001	
11/12/2015	<0.001	
4/7/2016	<0.001	
6/17/2016	<0.001	
8/10/2016	<0.001	
10/14/2016	<0.001	
12/19/2016	<0.001	
2/13/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/10/2017	<0.001	
3/23/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	0.00018 (JB)	
9/11/2020	<0.001	
4/5/2021	0.00043 (J)	
8/12/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
2/28/2023		<0.001
8/3/2023		<0.001
3/4/2024		<0.001
8/8/2024		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Thallium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-50	GWC-50
12/22/2010	<0.001	
2/15/2011	<0.001	
3/22/2011	<0.001	
4/27/2011	<0.001	
10/26/2011	<0.001	
5/2/2012	<0.001	
11/8/2012	<0.001	
5/8/2013	0.00028 (J)	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/8/2014	<0.001	
5/22/2015	<0.001	
11/13/2015	<0.001	
4/11/2016	<0.001	
6/15/2016	<0.001	
8/10/2016	<0.001	
10/11/2016	<0.001	
12/2/2016	<0.001	
2/13/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/10/2017	<0.001	
3/23/2018	<0.001	
10/4/2018	<0.001	
3/28/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	<0.001	
4/6/2021	<0.001	
8/13/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
3/1/2023		<0.001
8/3/2023		<0.001
3/4/2024		<0.001
8/8/2024		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Thallium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-51	GWC-51
12/22/2010	<0.001	
2/15/2011	<0.001	
3/22/2011	<0.001	
4/27/2011	<0.001	
10/26/2011	<0.001	
5/2/2012	<0.001	
11/8/2012	<0.001	
5/8/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/7/2014	<0.001	
5/22/2015	<0.001	
11/13/2015	<0.001	
4/11/2016	<0.001	
6/16/2016	<0.001	
8/10/2016	<0.001	
10/13/2016	<0.001	
12/5/2016	<0.001	
2/13/2017	<0.001	
4/10/2017	<0.001	
6/23/2017	<0.001	
10/11/2017	<0.001	
3/26/2018	<0.001	
10/4/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/11/2020	<0.001	
4/5/2021	0.00022 (J)	
8/13/2021	<0.001	
2/15/2022	<0.001	
8/31/2022	<0.001	
2/28/2023		<0.001
8/3/2023		<0.001
3/4/2024		<0.001
8/8/2024		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21	GWA-21
12/22/2010	<0.0025	
2/14/2011	<0.0025	
3/22/2011	0.0028 (J)	
4/26/2011	0.0025 (I)	
10/27/2011	<0.0025	
5/1/2012	0.004 (I)	
11/8/2012	<0.0025	
5/7/2013	<0.0025	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/8/2014	<0.0025	
5/21/2015	<0.0025	
11/13/2015	<0.0025	
4/6/2016	0.00201 (J)	
10/11/2016	0.0067	
4/10/2017	0.002 (J)	
10/9/2017	<0.0025	
3/26/2018	0.0014 (J)	
10/3/2018	0.0023 (J)	
3/27/2019	0.0072	
9/12/2019	0.0031	
3/19/2020	0.003	
9/10/2020	0.0027	
4/2/2021	0.0029	
8/12/2021	0.004	
2/14/2022	0.0033	
8/26/2022	0.0028	
2/28/2023		0.0036
8/2/2023		0.0035
2/29/2024		0.0025
8/6/2024		0.003

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-22	GWA-22
12/22/2010	<0.0025	
2/14/2011	<0.0025	
3/22/2011	0.0032 (J)	
4/26/2011	<0.0025	
10/27/2011	<0.0025	
5/1/2012	0.0037 (I)	
11/8/2012	<0.0025	
5/7/2013	0.0041 (J)	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/8/2014	<0.0025	
5/21/2015	0.0052 (J)	
11/13/2015	<0.0025	
4/8/2016	0.00339 (J)	
10/11/2016	0.0037	
4/7/2017	0.0033	
10/9/2017	<0.0025	
3/26/2018	0.0029	
10/3/2018	0.0022 (J)	
3/27/2019	0.0071	
9/12/2019	0.0025	
3/19/2020	0.0052	
9/10/2020	0.0025	
4/2/2021	0.0045	
8/12/2021	0.0028	
2/15/2022	0.0083	
8/26/2022	0.002	
2/28/2023		0.0071
8/3/2023		0.0037
3/4/2024		0.0081
8/8/2024		0.0034

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-45	GWA-45
12/20/2010	<0.0025	
2/14/2011	<0.0025	
3/21/2011	<0.0025	
4/26/2011	0.0022 (I)	
10/26/2011	<0.0025	
5/1/2012	0.0036 (I)	
11/8/2012	0.0062 (J)	
5/8/2013	<0.0025	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/7/2014	<0.0025	
5/20/2015	<0.0025	
11/13/2015	<0.0025	
4/7/2016	<0.0025	
10/10/2016	<0.0025	
4/7/2017	<0.0025	
10/10/2017	0.0014 (J)	
3/22/2018	<0.0025	
10/3/2018	<0.0025	
3/27/2019	0.0023 (JB)	
9/12/2019	0.0017	
3/19/2020	0.0031	
9/11/2020	0.0015	
4/2/2021	0.0014	
8/12/2021	0.0017	
2/14/2022	0.0028	
8/31/2022	0.0011	
2/28/2023		0.0018
8/3/2023		0.0012 (J)
3/4/2024		0.0024
8/8/2024		0.00075 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-46	GWA-46
12/20/2010	0.0024 (J)	
2/1/2011	0.0021 (J)	
3/21/2011	0.0025 (J)	
4/26/2011	0.0033 (I)	
10/27/2011	0.003 (J)	
5/2/2012	0.0051 (I)	
11/8/2012	0.02 (O)	
5/7/2013	0.0036 (J)	
11/4/2013	0.0043 (J)	
5/24/2014	0.0033 (J)	
11/7/2014	<0.0025	
5/20/2015	0.0062 (J)	
11/13/2015	0.0046 (J)	
4/7/2016	0.00293 (J)	
10/10/2016	0.0031	
4/7/2017	0.0041	
10/10/2017	<0.0025	
3/23/2018	0.0032	
10/4/2018	0.0034	
3/27/2019	0.0072 (B)	
9/12/2019	0.0033	
3/19/2020	0.0033	
9/11/2020	0.0026	
4/5/2021	0.003	
8/12/2021	0.0031	
2/14/2022	0.0032	
8/31/2022	0.0027	
2/28/2023		0.0037
8/3/2023		0.0026
3/4/2024		0.0028
8/8/2024		0.0019 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-47	GWA-47
12/20/2010	0.0051 (J)	
2/1/2011	0.012	
3/23/2011	0.015	
4/27/2011	0.022	
10/26/2011	0.0043 (J)	
5/1/2012	0.0069 (I)	
11/8/2012	0.013	
5/7/2013	0.017	
11/5/2013	0.013	
5/23/2014	0.041 (O)	
11/7/2014	0.0069 (J)	
5/21/2015	0.016	
11/12/2015	0.013	
4/8/2016	0.00606 (J)	
10/11/2016	0.011	
4/7/2017	0.0073	
10/10/2017	0.0032	
3/22/2018	0.0068	
10/5/2018	0.0092	
3/27/2019	0.012 (B)	
9/12/2019	0.0075	
3/20/2020	0.0086	
9/11/2020	0.007	
4/5/2021	0.0085	
8/13/2021	0.0078	
2/14/2022	0.0076	
8/31/2022	0.0073	
2/28/2023		0.0078
8/3/2023		0.0072
3/4/2024		0.0078
8/8/2024		0.0079

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-48	GWA-48
12/21/2010	0.0091 (J)	
2/14/2011	0.013	
3/23/2011	0.01	
4/27/2011	0.0078 (I)	
10/25/2011	0.012	
5/1/2012	0.019	
11/8/2012	0.015	
5/7/2013	0.017	
11/5/2013	0.015	
5/23/2014	0.017	
11/7/2014	0.013	
5/21/2015	0.016	
11/12/2015	0.018	
4/7/2016	0.016	
10/14/2016	0.018	
4/7/2017	0.017	
10/10/2017	0.015	
3/23/2018	0.016	
10/3/2018	0.017	
3/27/2019	0.022 (B)	
9/12/2019	0.019	
3/19/2020	0.019	
9/11/2020	0.017	
4/5/2021	0.019	
8/12/2021	0.019	
2/14/2022	0.019	
8/31/2022	0.018	
2/28/2023		0.02
8/3/2023		0.017
3/4/2024		0.018
8/8/2024		0.018

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-49	GWA-49
12/21/2010	0.016	
2/14/2011	0.016	
3/21/2011	0.018	
4/26/2011	0.018	
10/26/2011	0.018	
5/2/2012	0.021	
11/8/2012	0.019	
5/8/2013	0.02	
11/5/2013	0.018	
5/23/2014	0.018	
11/7/2014	0.018	
5/21/2015	0.02	
11/12/2015	0.016	
4/7/2016	0.0182	
10/11/2016	0.023	
4/7/2017	0.02	
10/10/2017	0.016	
3/22/2018	0.018	
10/3/2018	0.018	
3/27/2019	0.021 (B)	
9/12/2019	0.02	
3/19/2020	0.02	
9/10/2020	0.018	
4/6/2021	0.021	
8/12/2021	0.02	
2/14/2022	0.02	
8/30/2022	0.019	
3/1/2023		0.019
8/3/2023		0.019
3/4/2024		0.018
8/9/2024		0.019

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-29
12/22/2010	0.0037 (J)	
2/15/2011	0.0043 (J)	
3/22/2011	0.0039 (J)	
4/27/2011	0.0035 (I)	
10/26/2011	0.0047 (J)	
5/2/2012	0.0064 (I)	
11/8/2012	0.0051 (J)	
5/8/2013	0.0046 (J)	
11/4/2013	0.0039 (J)	
5/24/2014	0.0053 (J)	
11/7/2014	0.0034 (J)	
5/22/2015	0.0068 (J)	
11/13/2015	0.0044 (J)	
4/11/2016	0.00381 (J)	
10/11/2016	0.0082	
4/10/2017	0.0038	
10/10/2017	0.0053	
3/26/2018	0.0037	
10/4/2018	0.0053	
3/28/2019	0.0079	
9/12/2019	0.0054	
3/19/2020	0.0044	
9/10/2020	0.0049	
4/6/2021	0.0045	
8/13/2021	0.0061	
2/14/2022	0.0047	
8/31/2022	0.0055	
3/1/2023		0.0051
8/3/2023		0.005
3/4/2024		0.0045
8/8/2024		0.0047

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-50	GWC-50
12/22/2010	<0.001	
2/15/2011	<0.001	
3/22/2011	0.0034 (J)	
4/27/2011	0.0032 (I)	
10/26/2011	<0.001	
5/2/2012	0.0039 (I)	
11/8/2012	0.0034 (J)	
5/8/2013	<0.001	
11/4/2013	0.0035 (J)	
5/24/2014	0.0036 (J)	
11/8/2014	<0.001	
5/22/2015	0.0044 (J)	
11/13/2015	<0.001	
4/11/2016	0.00254 (J)	
10/11/2016	0.0056	
4/7/2017	0.0024 (J)	
10/10/2017	<0.001	
3/23/2018	0.0023 (J)	
10/4/2018	0.0037	
3/28/2019	0.0053	
9/12/2019	0.0028	
3/19/2020	0.0027	
9/10/2020	0.0026	
4/6/2021	0.0026	
8/13/2021	0.0093	
2/14/2022	0.0042	
8/31/2022	0.0031	
3/1/2023		<0.001
8/3/2023		0.0029
3/4/2024		0.0025
8/8/2024		0.0021

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-51	GWC-51
12/22/2010	0.0027 (J)	
2/15/2011	0.0036 (J)	
3/22/2011	0.004 (J)	
4/27/2011	0.0046 (I)	
10/26/2011	<0.01	
5/2/2012	0.0055 (I)	
11/8/2012	0.0042 (J)	
5/8/2013	0.0046 (J)	
11/4/2013	0.0042 (J)	
5/24/2014	0.0061 (J)	
11/7/2014	0.0032 (J)	
5/22/2015	0.0056 (J)	
11/13/2015	<0.01	
4/11/2016	0.00415 (J)	
10/13/2016	0.0047	
4/10/2017	0.0043	
10/11/2017	0.0052	
3/26/2018	0.004	
10/4/2018	0.0066	
3/27/2019	0.0087 (B)	
9/12/2019	0.0047	
3/19/2020	0.0046	
9/11/2020	0.0042	
4/5/2021	0.0059	
8/13/2021	0.0072	
2/15/2022	0.0049	
8/31/2022	0.0038	
2/28/2023		0.0052
8/3/2023		0.0041
3/4/2024		0.0041
8/8/2024		0.0039

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-52	GWC-52
12/21/2010	0.01	
2/15/2011	0.0098 (J)	
3/21/2011	0.012	
4/28/2011	0.011	
10/26/2011	0.012	
5/1/2012	0.011	
11/9/2012	0.011	
5/8/2013	0.01	
11/4/2013	0.011	
5/24/2014	0.012	
11/7/2014	0.01	
5/22/2015	0.013	
11/13/2015	0.014	
4/11/2016	0.0107	
10/13/2016	0.011	
4/11/2017	0.011	
10/11/2017	0.012	
3/26/2018	0.0096	
10/4/2018	0.013	
3/28/2019	0.01	
9/12/2019	0.011	
3/19/2020	0.01	
9/11/2020	0.0099	
4/5/2021	0.011	
8/17/2021	0.011	
2/14/2022	0.011	
8/31/2022	0.01	
3/1/2023		0.011
8/3/2023		0.0088
3/4/2024		0.0098
8/8/2024		0.009

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Vanadium (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-53	GWC-53
12/20/2010	<0.002	
2/14/2011	<0.002	
3/21/2011	<0.002	
4/27/2011	<0.002	
10/26/2011	<0.002	
5/1/2012	0.0032	
11/9/2012	<0.002	
5/8/2013	<0.002	
11/4/2013	<0.002	
5/24/2014	<0.002	
11/7/2014	<0.002	
5/20/2015	0.0065 (J)	
11/13/2015	<0.002	
4/8/2016	<0.002	
10/13/2016	<0.002	
4/11/2017	<0.002	
10/11/2017	0.0019 (J)	
3/26/2018	<0.002	
10/4/2018	0.0037	
3/28/2019	0.0041	
9/12/2019	<0.002	
3/19/2020	<0.002	
9/11/2020	<0.002	
4/6/2021	<0.002	
8/13/2021	0.0016	
2/14/2022	0.0014	
8/31/2022	0.00095 (J)	
2/28/2023		0.0023
8/3/2023		<0.002
3/4/2024		0.00066 (J)
8/8/2024		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21	GWA-21
12/22/2010	<0.005	
2/14/2011	<0.005	
3/22/2011	<0.005	
4/26/2011	<0.005	
10/27/2011	<0.005	
5/1/2012	<0.005	
11/8/2012	<0.005	
5/7/2013	<0.005	
11/4/2013	<0.005	
5/24/2014	<0.005	
11/8/2014	<0.005	
5/21/2015	<0.005	
11/13/2015	<0.005	
4/6/2016	<0.005	
10/11/2016	<0.005	
4/10/2017	<0.005	
10/9/2017	<0.005	
3/26/2018	<0.005	
10/3/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	0.0046 (JB)	
3/19/2020	<0.005	
9/10/2020	0.0048 (J)	
4/2/2021	<0.005	
8/12/2021	<0.005	
2/14/2022	<0.005	
8/26/2022	<0.005	
2/28/2023		<0.005
8/2/2023		<0.005
2/29/2024		<0.005
8/6/2024		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-22	GWA-22
12/22/2010	<0.005	
2/14/2011	<0.005	
3/22/2011	<0.005	
4/26/2011	<0.005	
10/27/2011	<0.005	
5/1/2012	<0.005	
11/8/2012	<0.005	
5/7/2013	<0.005	
11/4/2013	<0.005	
5/24/2014	<0.005	
11/8/2014	<0.005	
5/21/2015	<0.005	
11/13/2015	0.039 (O)	
4/8/2016	<0.005	
10/11/2016	<0.005	
4/7/2017	<0.005	
10/9/2017	<0.005	
3/26/2018	<0.005	
10/3/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	0.0085 (B)	
3/19/2020	<0.005	
9/10/2020	<0.005	
4/2/2021	<0.005	
8/12/2021	<0.005	
2/15/2022	0.003 (J)	
8/26/2022	<0.005	
2/28/2023		<0.005
8/3/2023		<0.005
3/4/2024		0.0059
8/8/2024		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-45	GWA-45
12/20/2010	<0.005	
2/14/2011	<0.005	
3/21/2011	<0.005	
4/26/2011	<0.005	
10/26/2011	<0.005	
5/1/2012	<0.005	
11/8/2012	<0.005	
5/8/2013	<0.005	
11/4/2013	<0.005	
5/24/2014	<0.005	
11/7/2014	<0.005	
5/20/2015	<0.005	
11/13/2015	<0.005	
4/7/2016	0.00345 (J)	
10/10/2016	<0.005	
4/7/2017	<0.005	
10/10/2017	<0.005	
3/22/2018	<0.005	
10/3/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	0.0095 (B)	
3/19/2020	0.0037 (J)	
9/11/2020	0.0098	
4/2/2021	0.0058	
8/12/2021	0.006	
2/14/2022	0.003 (J)	
8/31/2022	0.0051	
2/28/2023		0.0062 (JB)
8/3/2023		0.0051
3/4/2024		0.0035 (J)
8/8/2024		0.0046 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-46	GWA-46
12/20/2010	<0.005	
2/1/2011	<0.005	
3/21/2011	<0.005	
4/26/2011	<0.005	
10/27/2011	<0.005	
5/2/2012	<0.005	
11/8/2012	0.013 (JO)	
5/7/2013	<0.005	
11/4/2013	<0.005	
5/24/2014	<0.005	
11/7/2014	<0.005	
5/20/2015	<0.005	
11/13/2015	<0.005	
4/7/2016	0.00265 (J)	
10/10/2016	<0.005	
4/7/2017	<0.005	
10/10/2017	0.0096 (J)	
3/23/2018	<0.005	
10/4/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	0.0091 (B)	
3/19/2020	0.0035 (J)	
9/11/2020	0.0038 (J)	
4/5/2021	0.0049 (J)	
8/12/2021	<0.005	
2/14/2022	<0.005	
8/31/2022	0.0032 (J)	
2/28/2023		<0.005
8/3/2023		0.0037 (J)
3/4/2024		<0.005
8/8/2024		0.003 (J)

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-47	GWA-47
12/20/2010	<0.005	
2/1/2011	<0.005	
3/23/2011	<0.005	
4/27/2011	<0.005	
10/26/2011	<0.005	
5/1/2012	<0.005	
11/8/2012	<0.005	
5/7/2013	0.0087 (J)	
11/5/2013	<0.005	
5/23/2014	0.014 (JO)	
11/7/2014	<0.005	
5/21/2015	<0.005	
11/12/2015	<0.005	
4/8/2016	0.00228 (J)	
10/11/2016	<0.005	
4/7/2017	<0.005	
10/10/2017	<0.005	
3/22/2018	<0.005	
10/5/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	0.0049 (JB)	
3/20/2020	<0.005	
9/11/2020	<0.005	
4/5/2021	<0.005	
8/13/2021	<0.005	
2/14/2022	<0.005	
8/31/2022	<0.005	
2/28/2023		<0.005
8/3/2023		<0.005
3/4/2024		<0.005
8/8/2024		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-48	GWA-48
12/21/2010	<0.005	
2/14/2011	<0.005	
3/23/2011	<0.005	
4/27/2011	<0.005	
10/25/2011	<0.005	
5/1/2012	<0.005	
11/8/2012	<0.005	
5/7/2013	<0.005	
11/5/2013	0.008 (J)	
5/23/2014	<0.005	
11/7/2014	<0.005	
5/21/2015	<0.005	
11/12/2015	<0.005	
4/7/2016	0.00287 (J)	
10/14/2016	<0.005	
4/7/2017	<0.005	
10/10/2017	<0.005	
3/23/2018	<0.005	
10/3/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	0.0048 (JB)	
3/19/2020	<0.005	
9/11/2020	<0.005	
4/5/2021	<0.005	
8/12/2021	<0.005	
2/14/2022	<0.005	
8/31/2022	0.0039 (J)	
2/28/2023		<0.005
8/3/2023		<0.005
3/4/2024		<0.005
8/8/2024		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-49	GWA-49
12/21/2010	<0.005	
2/14/2011	<0.005	
3/21/2011	<0.005	
4/26/2011	<0.005	
10/26/2011	<0.005	
5/2/2012	<0.005	
11/8/2012	<0.005	
5/8/2013	<0.005	
11/5/2013	<0.005	
5/23/2014	<0.005	
11/7/2014	<0.005	
5/21/2015	<0.005	
11/12/2015	<0.005	
4/7/2016	0.00208 (J)	
10/11/2016	<0.005	
4/7/2017	<0.005	
10/10/2017	<0.005	
3/22/2018	<0.005	
10/3/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	0.0041 (JB)	
3/19/2020	<0.005	
9/10/2020	<0.005	
4/6/2021	<0.005	
8/12/2021	<0.005	
2/14/2022	<0.005	
8/30/2022	<0.005	
3/1/2023		<0.005
8/3/2023		<0.005
3/4/2024		<0.005
8/9/2024		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-29
12/22/2010	<0.005	
2/15/2011	<0.005	
3/22/2011	<0.005	
4/27/2011	<0.005	
10/26/2011	<0.005	
5/2/2012	<0.005	
11/8/2012	<0.005	
5/8/2013	<0.005	
11/4/2013	<0.005	
5/24/2014	<0.005	
11/7/2014	<0.005	
5/22/2015	<0.005	
11/13/2015	<0.005	
4/11/2016	<0.005	
10/11/2016	<0.005	
4/10/2017	<0.005	
10/10/2017	<0.005	
3/26/2018	<0.005	
10/4/2018	<0.005	
3/28/2019	<0.005	
9/12/2019	0.0058 (B)	
3/19/2020	<0.005	
9/10/2020	<0.005	
4/6/2021	<0.005	
8/13/2021	<0.005	
2/14/2022	<0.005	
8/31/2022	<0.005	
3/1/2023		<0.005
8/3/2023		<0.005
3/4/2024		<0.005
8/8/2024		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-50	GWC-50
12/22/2010	<0.005	
2/15/2011	<0.005	
3/22/2011	<0.005	
4/27/2011	<0.005	
10/26/2011	<0.005	
5/2/2012	<0.005	
11/8/2012	<0.005	
5/8/2013	<0.005	
11/4/2013	<0.005	
5/24/2014	<0.005	
11/8/2014	<0.005	
5/22/2015	<0.005	
11/13/2015	<0.005	
4/11/2016	<0.005	
10/11/2016	<0.005	
4/7/2017	<0.005	
10/10/2017	<0.005	
3/23/2018	<0.005	
10/4/2018	0.0076 (J)	
3/28/2019	<0.005	
9/12/2019	0.0057 (B)	
3/19/2020	0.0037 (J)	
9/10/2020	<0.005	
4/6/2021	<0.005	
8/13/2021	0.0053	
2/14/2022	<0.005	
8/31/2022	<0.005	
3/1/2023	0.016 (o)	
5/2/2023		<0.005
8/3/2023		0.0033 (J)
3/4/2024		<0.005
8/8/2024		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-51	GWC-51
12/22/2010	<0.005	
2/15/2011	<0.005	
3/22/2011	<0.005	
4/27/2011	<0.005	
10/26/2011	<0.005	
5/2/2012	<0.005	
11/8/2012	<0.005	
5/8/2013	<0.005	
11/4/2013	<0.005	
5/24/2014	<0.005	
11/7/2014	<0.005	
5/22/2015	<0.005	
11/13/2015	<0.005	
4/11/2016	0.00333 (J)	
10/13/2016	<0.005	
4/10/2017	<0.005	
10/11/2017	<0.005	
3/26/2018	<0.005	
10/4/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	0.0042 (JB)	
3/19/2020	<0.005	
9/11/2020	<0.005	
4/5/2021	<0.005	
8/13/2021	<0.005	
2/15/2022	<0.005	
8/31/2022	<0.005	
2/28/2023		<0.005
8/3/2023		0.0035 (J)
3/4/2024		<0.005
8/8/2024		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-52	GWC-52
12/21/2010	<0.005	
2/15/2011	<0.005	
3/21/2011	<0.005	
4/28/2011	<0.005	
10/26/2011	<0.005	
5/1/2012	<0.005	
11/9/2012	<0.005	
5/8/2013	<0.005	
11/4/2013	<0.005	
5/24/2014	<0.005	
11/7/2014	<0.005	
5/22/2015	<0.005	
11/13/2015	<0.005	
4/11/2016	<0.005	
10/13/2016	<0.005	
4/11/2017	0.0065 (J)	
10/11/2017	<0.005	
3/26/2018	<0.005	
10/4/2018	<0.005	
3/28/2019	<0.005	
9/12/2019	0.0073 (B)	
3/19/2020	<0.005	
9/11/2020	<0.005	
4/5/2021	<0.005	
8/17/2021	<0.005	
2/14/2022	<0.005	
8/31/2022	<0.005	
3/1/2023		<0.005
8/3/2023		<0.005
3/4/2024		<0.005
8/8/2024		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Mann-Whitney (Wilcoxon Rank Sum)

Constituent: Zinc (mg/L) Analysis Run 6/10/2025 11:36 AM View: Mann-Whitney

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-53	GWC-53
12/20/2010	0.0095 (J)	
2/14/2011	0.0092 (J)	
3/21/2011	0.011 (J)	
4/27/2011	0.0096 (I)	
10/26/2011	0.011 (J)	
5/1/2012	0.012 (I)	
11/9/2012	0.014 (J)	
5/8/2013	0.016 (J)	
11/4/2013	0.014 (J)	
5/24/2014	0.013 (J)	
11/7/2014	0.014 (J)	
5/20/2015	0.015 (J)	
11/13/2015	0.015 (J)	
4/8/2016	0.0136	
10/13/2016	0.015 (J)	
4/11/2017	0.015 (J)	
10/11/2017	0.019 (J)	
3/26/2018	0.016 (J)	
10/4/2018	0.017 (J)	
3/28/2019	0.013 (J)	
9/12/2019	0.02 (B)	
3/19/2020	0.014	
9/11/2020	0.014	
4/6/2021	0.014	
8/13/2021	0.017	
2/14/2022	0.014	
8/31/2022	0.015	
2/28/2023		0.014 (JB)
8/3/2023		0.015
3/4/2024		0.013
8/8/2024		0.015

FIGURE E.

Appendix I Intrawell Prediction Limits - Significant Results

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 4/24/2025, 10:38 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Barium (mg/L)	**GWC-52**	**0.02207**	**n/a**	**2/26/2025**	**0.033**	**Yes**	**27**	**0.01343**	**0.003942**	**0**	**None**	**No**	**0.0007022**	**Param Intra 1 of 2**
Chromium (mg/L)	**GWC-51**	**0.007241**	**n/a**	**2/26/2025**	**0.0078**	**Yes**	**36**	**0.004027**	**0.001516**	**5.556**	**None**	**No**	**0.0007022**	**Param Intra 1 of 2**
Chromium (mg/L)	**GWC-52**	**0.01512**	**n/a**	**2/26/2025**	**0.026**	**Yes**	**24**	**0.009958**	**0.002314**	**0**	**None**	**No**	**0.0007022**	**Param Intra 1 of 2**
Vanadium (mg/L)	**GWA-45**	**0.0062**	**n/a**	**2/26/2025**	**0.0082**	**Yes**	**31**	**n/a**	**n/a**	**48.39**	**n/a**	**n/a**	**0.001905**	**NP Intra (normality) 1 of 2**
Vanadium (mg/L)	**GWA-46**	**0.006277**	**n/a**	**2/26/2025**	**0.0069**	**Yes**	**30**	**0.05652**	**0.01052**	**6.667**	**None**	**sqrt(x)**	**0.0007022**	**Param Intra 1 of 2**
Vanadium (mg/L)	**GWA-49**	**0.02234**	**n/a**	**2/26/2025**	**0.026**	**Yes**	**31**	**0.01881**	**0.001639**	**0**	**None**	**No**	**0.0007022**	**Param Intra 1 of 2**
Vanadium (mg/L)	**GWC-50**	**0.007096**	**n/a**	**2/26/2025**	**0.009**	**Yes**	**31**	**0.05081**	**0.01553**	**25.81**	**Kaplan-Meier**	**sqrt(x)**	**0.0007022**	**Param Intra 1 of 2**
Vanadium (mg/L)	**GWC-51**	**0.00737**	**n/a**	**2/26/2025**	**0.01**	**Yes**	**31**	**0.004792**	**0.001198**	**6.452**	**None**	**No**	**0.0007022**	**Param Intra 1 of 2**
Vanadium (mg/L)	**GWC-52**	**0.01339**	**n/a**	**2/26/2025**	**0.014**	**Yes**	**31**	**0.01086**	**0.001174**	**0**	**None**	**No**	**0.0007022**	**Param Intra 1 of 2**

Appendix I Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 4/24/2025, 10:38 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony (mg/L)	GWA-21	0.002	n/a	2/25/2025	0.002ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-46	0.002	n/a	2/26/2025	0.002ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-47	0.002	n/a	2/26/2025	0.002ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWA-48	0.002	n/a	2/26/2025	0.002ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Antimony (mg/L)	GWC-51	0.002	n/a	2/26/2025	0.002ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-22	0.001	n/a	2/25/2025	0.001ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-45	0.0015	n/a	2/26/2025	0.001ND	No	36	n/a	n/a	91.67	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-46	0.0013	n/a	2/26/2025	0.001ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-47	0.0011	n/a	2/26/2025	0.001ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-48	0.001	n/a	2/26/2025	0.001ND	No	36	n/a	n/a	94.44	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWA-49	0.0011	n/a	2/26/2025	0.001ND	No	36	n/a	n/a	94.44	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-29	0.0013	n/a	2/26/2025	0.001ND	No	36	n/a	n/a	94.44	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-50	0.0011	n/a	2/26/2025	0.001ND	No	36	n/a	n/a	94.44	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-52	0.001	n/a	2/26/2025	0.001ND	No	36	n/a	n/a	91.67	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Arsenic (mg/L)	GWC-53	0.0013	n/a	2/25/2025	0.001ND	No	36	n/a	n/a	91.67	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Barium (mg/L)	GWA-21	0.02877	n/a	2/25/2025	0.019	No	35	0.02245	0.002972	0	None	No	0.0007022	Param Intra 1 of 2
Barium (mg/L)	GWA-22	0.03038	n/a	2/25/2025	0.024	No	36	0.02404	0.002991	0	None	No	0.0007022	Param Intra 1 of 2
Barium (mg/L)	GWA-45	0.07871	n/a	2/26/2025	0.052	No	32	0.03994	0.01806	0	None	No	0.0007022	Param Intra 1 of 2
Barium (mg/L)	GWA-46	0.02426	n/a	2/26/2025	0.023	No	35	0.02016	0.001929	0	None	No	0.0007022	Param Intra 1 of 2
Barium (mg/L)	GWA-47	0.04523	n/a	2/26/2025	0.031	No	35	-3.537	0.2074	0	None	ln(x)	0.0007022	Param Intra 1 of 2
Barium (mg/L)	GWA-48	0.031	n/a	2/26/2025	0.014	No	34	n/a	n/a	0	n/a	n/a	0.001599	NP Intra (normality) 1 of 2
Barium (mg/L)	GWA-49	0.02293	n/a	2/26/2025	0.019	No	36	0.01964	0.001553	0	None	No	0.0007022	Param Intra 1 of 2
Barium (mg/L)	GWC-29	0.02326	n/a	2/26/2025	0.018	No	36	0.1305	0.01039	0	None	sqrt(x)	0.0007022	Param Intra 1 of 2
Barium (mg/L)	GWC-50	0.038	n/a	2/26/2025	0.014	No	36	n/a	n/a	0	n/a	n/a	0.001429	NP Intra (normality) 1 of 2
Barium (mg/L)	GWC-51	0.019	n/a	2/26/2025	0.011	No	36	n/a	n/a	0	n/a	n/a	0.001429	NP Intra (normality) 1 of 2
Barium (mg/L)	**GWC-52**	**0.02207**	**n/a**	**2/26/2025**	**0.033**	**Yes**	**27**	**0.01343**	**0.003942**	**0**	**None**	**No**	**0.0007022**	**Param Intra 1 of 2**
Barium (mg/L)	GWC-53	0.05436	n/a	2/25/2025	0.032	No	10	0.0428	0.004077	0	None	No	0.0007022	Param Intra 1 of 2
Beryllium (mg/L)	GWA-22	0.0025	n/a	2/25/2025	0.0025ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWA-45	0.0025	n/a	2/26/2025	0.00022J	No	36	n/a	n/a	100	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Beryllium (mg/L)	GWC-51	0.0025	n/a	2/26/2025	0.0025ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWA-47	0.0025	n/a	2/26/2025	0.0025ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-50	0.0025	n/a	2/26/2025	0.0025ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-52	0.0025	n/a	2/26/2025	0.0025ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Cadmium (mg/L)	GWC-53	0.0025	n/a	2/25/2025	0.00009J	No	36	n/a	n/a	100	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-21	0.007688	n/a	2/25/2025	0.001ND	No	36	0.1382	0.0279	8.333	None	x^(1/3)	0.0007022	Param Intra 1 of 2
Chromium (mg/L)	GWA-22	0.01313	n/a	2/25/2025	0.01	No	36	0.007652	0.002586	0	None	No	0.0007022	Param Intra 1 of 2
Chromium (mg/L)	GWA-45	0.0042	n/a	2/26/2025	0.0012J	No	36	n/a	n/a	86.11	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Chromium (mg/L)	GWA-46	0.0088	n/a	2/26/2025	0.0048	No	36	n/a	n/a	0	n/a	n/a	0.001429	NP Intra (normality) 1 of 2
Chromium (mg/L)	GWA-47	0.045	n/a	2/26/2025	0.01	No	36	n/a	n/a	0	n/a	n/a	0.001429	NP Intra (normality) 1 of 2
Chromium (mg/L)	GWA-48	0.028	n/a	2/26/2025	0.0061	No	36	n/a	n/a	2.778	n/a	n/a	0.001429	NP Intra (normality) 1 of 2
Chromium (mg/L)	GWA-49	0.009266	n/a	2/26/2025	0.0057	No	36	0.1838	0.0124	0	None	x^(1/3)	0.0007022	Param Intra 1 of 2
Chromium (mg/L)	GWC-29	0.0039	n/a	2/26/2025	0.002ND	No	36	n/a	n/a	41.67	n/a	n/a	0.001429	NP Intra (normality) 1 of 2
Chromium (mg/L)	GWC-50	0.0089	n/a	2/26/2025	0.0032	No	36	n/a	n/a	5.556	n/a	n/a	0.001429	NP Intra (normality) 1 of 2
Chromium (mg/L)	**GWC-51**	**0.007241**	**n/a**	**2/26/2025**	**0.0078**	**Yes**	**36**	**0.004027**	**0.001516**	**5.556**	**None**	**No**	**0.0007022**	**Param Intra 1 of 2**
Chromium (mg/L)	**GWC-52**	**0.01512**	**n/a**	**2/26/2025**	**0.026**	**Yes**	**24**	**0.009958**	**0.002314**	**0**	**None**	**No**	**0.0007022**	**Param Intra 1 of 2**
Chromium (mg/L)	GWC-53	0.0053	n/a	2/25/2025	0.002ND	No	36	n/a	n/a	36.11	n/a	n/a	0.001429	NP Intra (normality) 1 of 2
Cobalt (mg/L)	GWA-21	0.0025	n/a	2/25/2025	0.00023J	No	36	n/a	n/a	63.89	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-22	0.0025	n/a	2/25/2025	0.0025ND	No	35	n/a	n/a	74.29	n/a	n/a	0.001497	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-45	0.003656	n/a	2/26/2025	0.00072J	No	31	0.001627	0.0009422	22.58	Kaplan-Meier	No	0.0007022	Param Intra 1 of 2
Cobalt (mg/L)	GWA-46	0.0025	n/a	2/26/2025	0.0025ND	No	36	n/a	n/a	91.67	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-47	0.003	n/a	2/26/2025	0.0025ND	No	34	n/a	n/a	85.29	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-48	0.0025	n/a	2/26/2025	0.0025ND	No	35	n/a	n/a	91.43	n/a	n/a	0.001497	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWA-49	0.0025	n/a	2/26/2025	0.0025ND	No	36	n/a	n/a	86.11	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-29	0.0025	n/a	2/26/2025	0.0025ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-50	0.01	n/a	2/26/2025	0.0025ND	No	36	n/a	n/a	94.44	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-51	0.0025	n/a	2/26/2025	0.0025ND	No	36	n/a	n/a	88.89	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-52	0.0025	n/a	2/26/2025	0.0025ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Cobalt (mg/L)	GWC-53	0.01712	n/a	2/25/2025	0.012	No	36	0.008389	0.004121	2.778	None	No	0.0007022	Param Intra 1 of 2
Copper (mg/L)	GWA-21	0.0023	n/a	2/25/2025	0.002ND	No	30	n/a	n/a	93.33	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-22	0.003	n/a	2/25/2025	0.002ND	No	30	n/a	n/a	90	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-45	0.0068	n/a	2/26/2025	0.002ND	No	31	n/a	n/a	77.42	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-47	0.022	n/a	2/26/2025	0.002ND	No	30	n/a	n/a	50	n/a	n/a	0.002008	NP Intra (normality) 1 of 2
Copper (mg/L)	GWA-48	0.0084	n/a	2/26/2025	0.002ND	No	30	n/a	n/a	63.33	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWA-49	0.0031	n/a	2/26/2025	0.002ND	No	31	n/a	n/a	90.32	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-50	0.0046	n/a	2/26/2025	0.002ND	No	30	n/a	n/a	93.33	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Copper (mg/L)	GWC-51	0.0025	n/a	2/26/2025	0.002ND	No	31	n/a	n/a	90.32	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-21	0.0022	n/a	2/25/2025	0.001ND	No	23	n/a	n/a	91.3	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-22	0.002	n/a	2/25/2025	0.001ND	No	23	n/a	n/a	86.96	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 4/24/2025, 10:38 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Lead (mg/L)	GWA-45	0.0016	n/a	2/26/2025	0.001ND	No	23	n/a	n/a	91.3	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-46	0.001	n/a	2/26/2025	0.001ND	No	23	n/a	n/a	100	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-47	0.001	n/a	2/26/2025	0.001ND	No	23	n/a	n/a	95.65	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-48	0.001	n/a	2/26/2025	0.001ND	No	23	n/a	n/a	95.65	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWA-49	0.001	n/a	2/26/2025	0.001ND	No	23	n/a	n/a	95.65	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-29	0.001	n/a	2/26/2025	0.001ND	No	23	n/a	n/a	100	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-50	0.001	n/a	2/26/2025	0.001ND	No	23	n/a	n/a	91.3	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-51	0.0015	n/a	2/26/2025	0.001ND	No	23	n/a	n/a	86.96	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-52	0.001	n/a	2/26/2025	0.001ND	No	22	n/a	n/a	100	n/a	n/a	0.003707	NP Intra (NDs) 1 of 2
Lead (mg/L)	GWC-53	0.001	n/a	2/25/2025	0.001ND	No	23	n/a	n/a	95.65	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-21	0.0002	n/a	2/25/2025	0.0002ND	No	36	n/a	n/a	86.11	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-22	0.0002	n/a	2/25/2025	0.0002ND	No	36	n/a	n/a	88.89	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-45	0.0002	n/a	2/26/2025	0.0002ND	No	36	n/a	n/a	88.89	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-46	0.0002	n/a	2/26/2025	0.0002ND	No	36	n/a	n/a	88.89	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-47	0.0002	n/a	2/26/2025	0.0002ND	No	36	n/a	n/a	86.11	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-48	0.0002	n/a	2/26/2025	0.0002ND	No	36	n/a	n/a	88.89	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWA-49	0.0002	n/a	2/26/2025	0.0002ND	No	36	n/a	n/a	88.89	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-29	0.0002	n/a	2/26/2025	0.0002ND	No	36	n/a	n/a	88.89	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-50	0.0002	n/a	2/26/2025	0.0002ND	No	36	n/a	n/a	88.89	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-51	0.0002	n/a	2/26/2025	0.0002ND	No	36	n/a	n/a	94.44	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-52	0.0002	n/a	2/26/2025	0.0002ND	No	36	n/a	n/a	88.89	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Mercury (mg/L)	GWC-53	0.0002	n/a	2/25/2025	0.0002ND	No	36	n/a	n/a	91.67	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-21	0.0015	n/a	2/25/2025	0.00099J	No	30	n/a	n/a	66.67	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-22	0.0014	n/a	2/25/2025	0.001ND	No	30	n/a	n/a	76.67	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-45	0.0011	n/a	2/26/2025	0.00053J	No	31	n/a	n/a	67.74	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-46	0.001	n/a	2/26/2025	0.00049J	No	30	n/a	n/a	90	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-47	0.022	n/a	2/26/2025	0.001ND	No	31	n/a	n/a	67.74	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-48	0.016	n/a	2/26/2025	0.001ND	No	31	n/a	n/a	64.52	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWA-49	0.0019	n/a	2/26/2025	0.001ND	No	31	n/a	n/a	80.65	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-29	0.005	n/a	2/26/2025	0.0027	No	31	n/a	n/a	38.71	n/a	n/a	0.001905	NP Intra (normality) 1 of 2
Nickel (mg/L)	GWC-50	0.0073	n/a	2/26/2025	0.0032	No	31	n/a	n/a	64.52	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-51	0.0034	n/a	2/26/2025	0.0024	No	31	n/a	n/a	51.61	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Nickel (mg/L)	GWC-53	0.008133	n/a	2/25/2025	0.0078	No	31	0.00004852	0.000008186	0	None	x^2	0.0007022	Param Intra 1 of 2
Selenium (mg/L)	GWA-22	0.005	n/a	2/25/2025	0.005ND	No	36	n/a	n/a	91.67	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWA-45	0.005	n/a	2/26/2025	0.005ND	No	34	n/a	n/a	85.29	n/a	n/a	0.001599	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWA-47	0.005	n/a	2/26/2025	0.005ND	No	35	n/a	n/a	97.14	n/a	n/a	0.001497	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWA-48	0.005	n/a	2/26/2025	0.005ND	No	35	n/a	n/a	91.43	n/a	n/a	0.001497	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWA-49	0.005	n/a	2/26/2025	0.005ND	No	36	n/a	n/a	88.89	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-29	0.005	n/a	2/26/2025	0.005ND	No	36	n/a	n/a	94.44	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-50	0.005	n/a	2/26/2025	0.005ND	No	36	n/a	n/a	94.44	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-52	0.005	n/a	2/26/2025	0.005ND	No	35	n/a	n/a	82.86	n/a	n/a	0.001497	NP Intra (NDs) 1 of 2
Selenium (mg/L)	GWC-53	0.005	n/a	2/25/2025	0.0011J	No	36	n/a	n/a	91.67	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWA-21	0.001	n/a	2/25/2025	0.001ND	No	36	n/a	n/a	91.67	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWA-22	0.001	n/a	2/25/2025	0.001ND	No	36	n/a	n/a	94.44	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWA-45	0.001	n/a	2/26/2025	0.001ND	No	36	n/a	n/a	91.67	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWA-48	0.001	n/a	2/26/2025	0.001ND	No	36	n/a	n/a	94.44	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-50	0.001	n/a	2/26/2025	0.001ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Thallium (mg/L)	GWC-51	0.001	n/a	2/26/2025	0.001ND	No	36	n/a	n/a	97.22	n/a	n/a	0.001429	NP Intra (NDs) 1 of 2
Vanadium (mg/L)	GWA-21	0.0072	n/a	2/25/2025	0.0014J	No	31	n/a	n/a	35.48	n/a	n/a	0.001905	NP Intra (normality) 1 of 2
Vanadium (mg/L)	GWA-22	0.0083	n/a	2/25/2025	0.008	No	31	n/a	n/a	32.26	n/a	n/a	0.001905	NP Intra (normality) 1 of 2
Vanadium (mg/L)	**GWA-45**	**0.0062**	**n/a**	**2/26/2025**	**0.0082**	**Yes**	**31**	**n/a**	**n/a**	**48.39**	**n/a**	**n/a**	**0.001905**	**NP Intra (normality) 1 of 2**
Vanadium (mg/L)	**GWA-46**	**0.006277**	**n/a**	**2/26/2025**	**0.0069**	**Yes**	**30**	**0.05652**	**0.01052**	**6.667**	**None**	**sqrt(x)**	**0.0007022**	**Param Intra 1 of 2**
Vanadium (mg/L)	GWA-47	0.01931	n/a	2/26/2025	0.0097	No	30	0.09539	0.02018	0	None	sqrt(x)	0.0007022	Param Intra 1 of 2
Vanadium (mg/L)	GWA-48	0.022	n/a	2/26/2025	0.021	No	31	0.0002765	0.00009634	0	None	x^2	0.0007022	Param Intra 1 of 2
Vanadium (mg/L)	**GWA-49**	**0.02234**	**n/a**	**2/26/2025**	**0.026**	**Yes**	**31**	**0.01881**	**0.001639**	**0**	**None**	**No**	**0.0007022**	**Param Intra 1 of 2**
Vanadium (mg/L)	GWC-29	0.007556	n/a	2/26/2025	0.0056	No	31	0.06977	0.007969	0	None	sqrt(x)	0.0007022	Param Intra 1 of 2
Vanadium (mg/L)	**GWC-50**	**0.007096**	**n/a**	**2/26/2025**	**0.009**	**Yes**	**31**	**0.05081**	**0.01553**	**25.81**	**Kaplan-Meier**	**sqrt(x)**	**0.0007022**	**Param Intra 1 of 2**
Vanadium (mg/L)	**GWC-51**	**0.00737**	**n/a**	**2/26/2025**	**0.01**	**Yes**	**31**	**0.004792**	**0.001198**	**6.452**	**None**	**No**	**0.0007022**	**Param Intra 1 of 2**
Vanadium (mg/L)	**GWC-52**	**0.01339**	**n/a**	**2/26/2025**	**0.014**	**Yes**	**31**	**0.01086**	**0.001174**	**0**	**None**	**No**	**0.0007022**	**Param Intra 1 of 2**
Vanadium (mg/L)	GWC-53	0.0065	n/a	2/25/2025	0.002ND	No	31	n/a	n/a	67.74	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-21	0.005	n/a	2/25/2025	0.0028J	No	31	n/a	n/a	93.55	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-22	0.0085	n/a	2/25/2025	0.0076	No	30	n/a	n/a	90	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-45	0.0098	n/a	2/26/2025	0.0055	No	31	n/a	n/a	61.29	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-46	0.0096	n/a	2/26/2025	0.0035J	No	30	n/a	n/a	70	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-47	0.0087	n/a	2/26/2025	0.005ND	No	30	n/a	n/a	90	n/a	n/a	0.002008	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-48	0.008	n/a	2/26/2025	0.0044J	No	31	n/a	n/a	87.1	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWA-49	0.005	n/a	2/26/2025	0.005ND	No	31	n/a	n/a	93.55	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-29	0.0058	n/a	2/26/2025	0.005ND	No	31	n/a	n/a	96.77	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2

Appendix I Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 4/24/2025, 10:38 AM

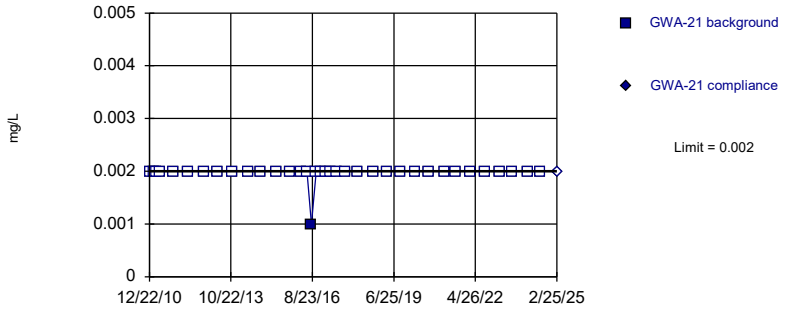
Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Zinc (mg/L)	GWC-50	0.0076	n/a	2/26/2025	0.005ND	No	31	n/a	n/a	83.87	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-51	0.005	n/a	2/26/2025	0.004J	No	31	n/a	n/a	90.32	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-52	0.0073	n/a	2/26/2025	0.005ND	No	31	n/a	n/a	93.55	n/a	n/a	0.001905	NP Intra (NDs) 1 of 2
Zinc (mg/L)	GWC-53	0.01939	n/a	2/25/2025	0.018	No	31	0.01409	0.00246	0	None	No	0.0007022	Param Intra 1 of 2

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 97.22% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Antimony Analysis Run 4/24/2025 10:34 AM View: Appendix I

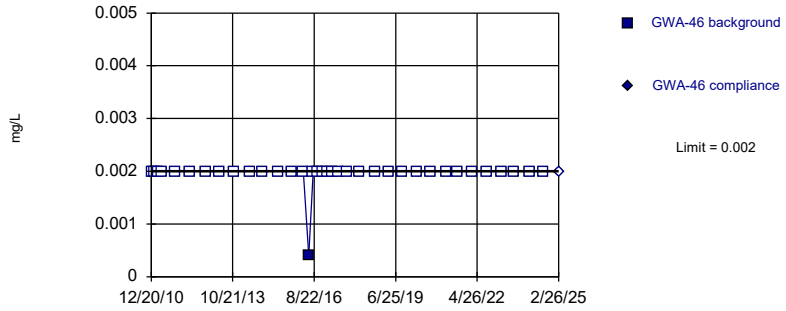
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 97.22% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Antimony Analysis Run 4/24/2025 10:34 AM View: Appendix I

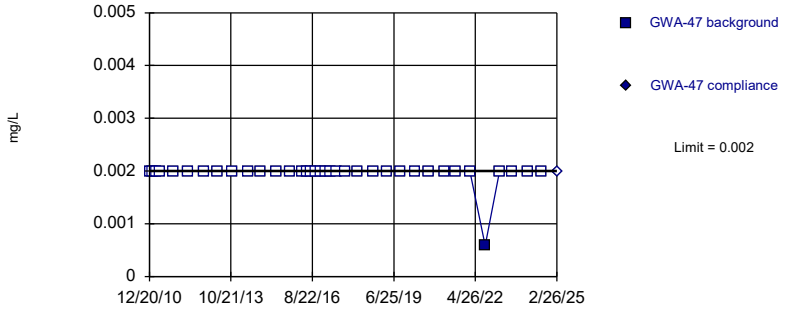
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 97.22% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Antimony Analysis Run 4/24/2025 10:34 AM View: Appendix I

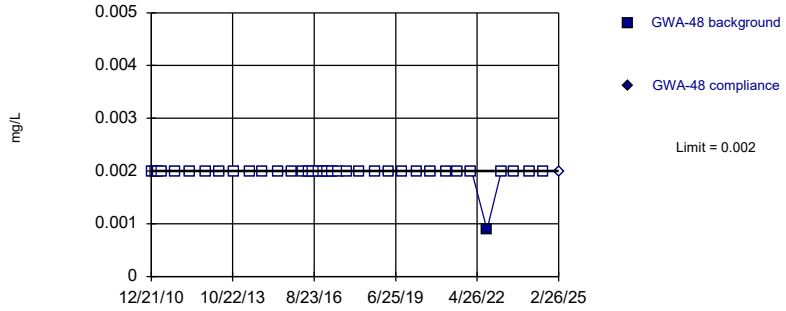
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 97.22% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Antimony Analysis Run 4/24/2025 10:34 AM View: Appendix I

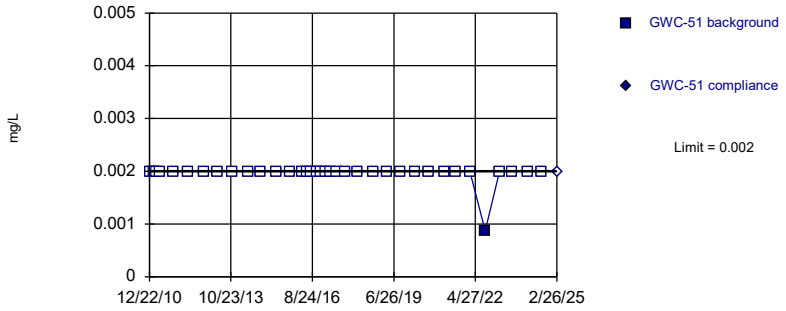
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 97.22% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

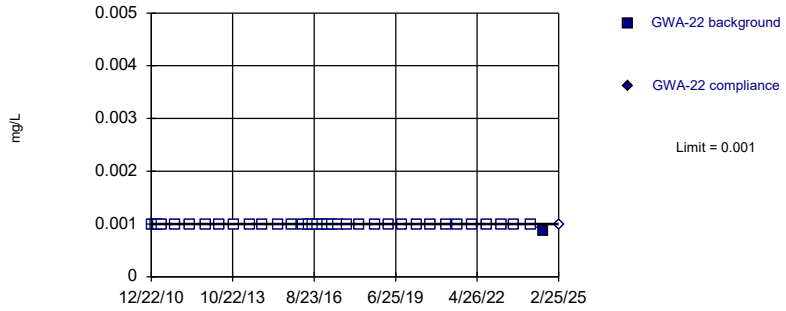
Constituent: Antimony Analysis Run 4/24/2025 10:34 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 97.22% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

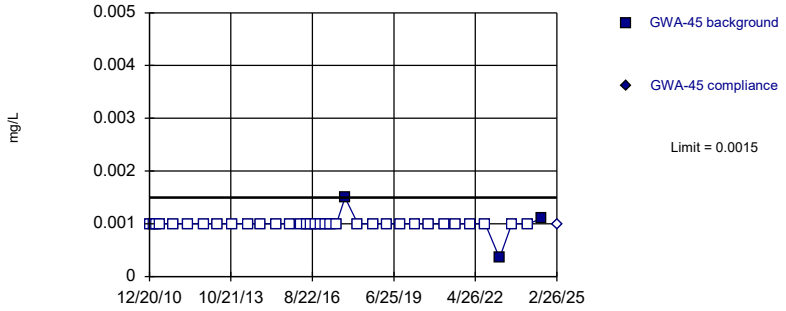
Constituent: Arsenic Analysis Run 4/24/2025 10:34 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 91.67% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

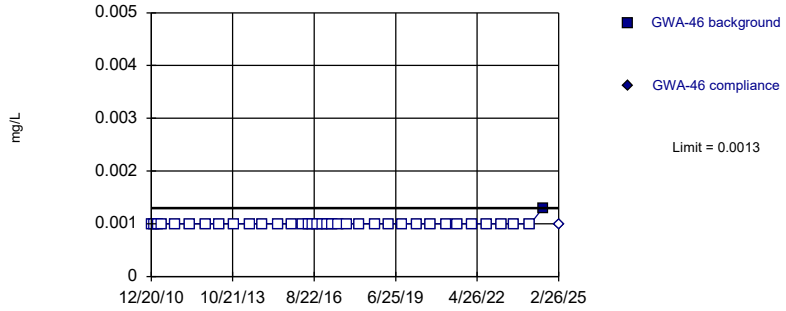
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Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 97.22% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

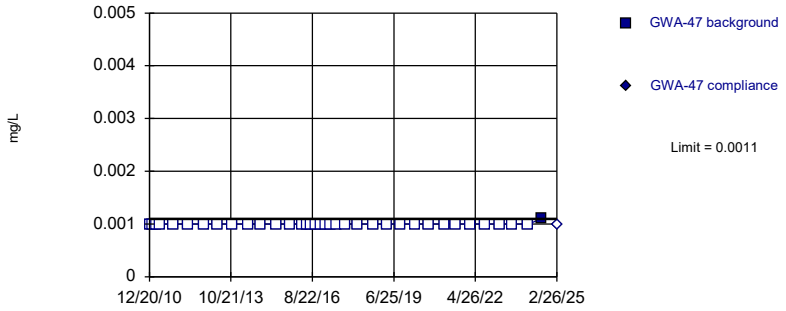
Constituent: Arsenic Analysis Run 4/24/2025 10:34 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 97.22% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

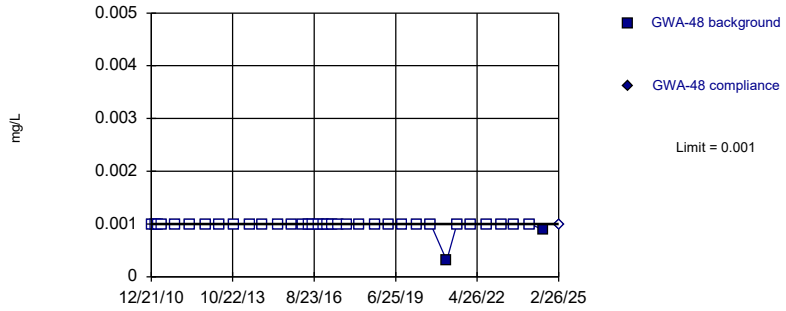
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Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 94.44% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

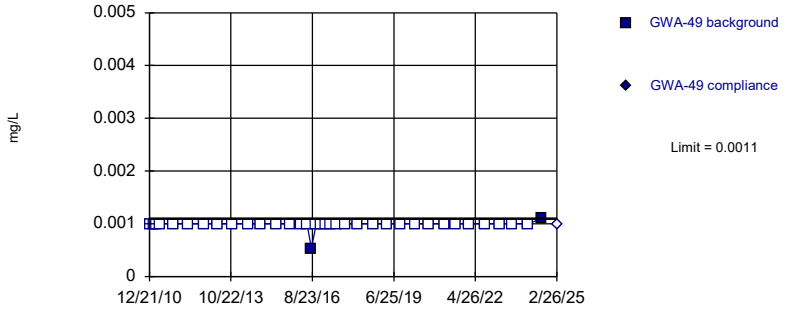
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Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 94.44% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

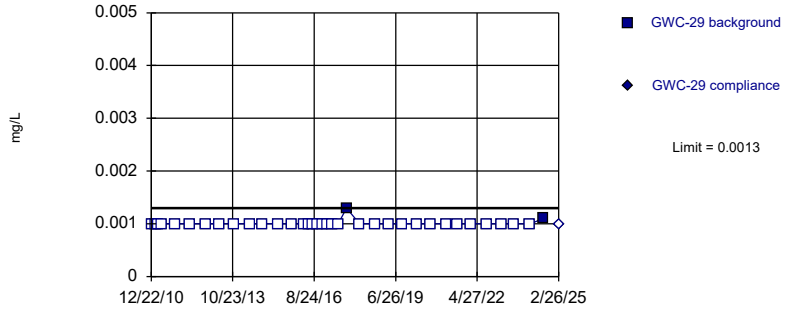
Constituent: Arsenic Analysis Run 4/24/2025 10:34 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 94.44% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

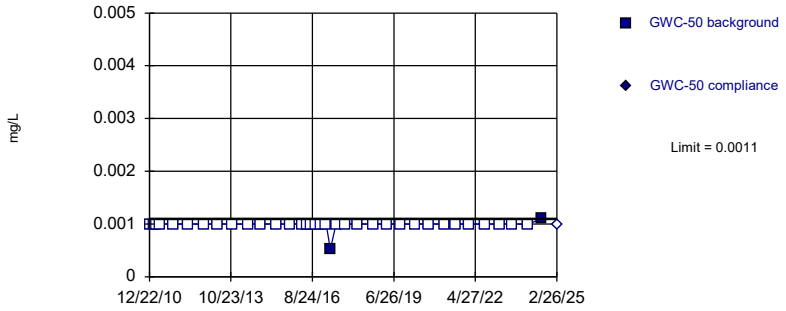
Constituent: Arsenic Analysis Run 4/24/2025 10:34 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 94.44% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

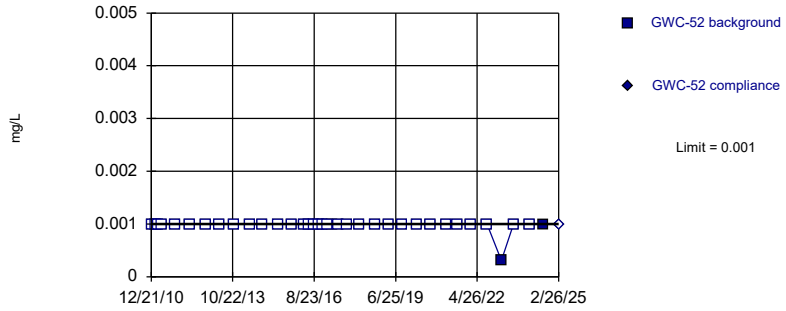
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Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 91.67% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

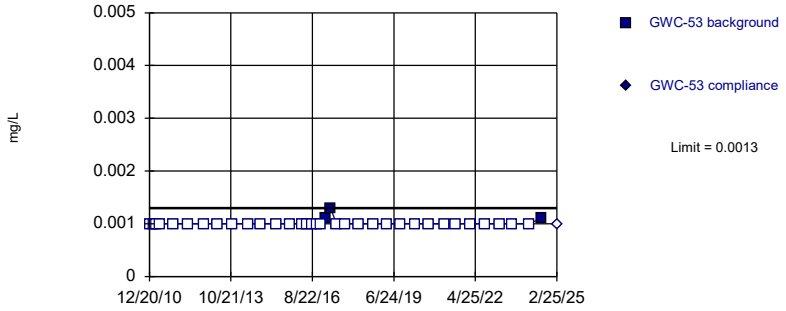
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Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 91.67% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

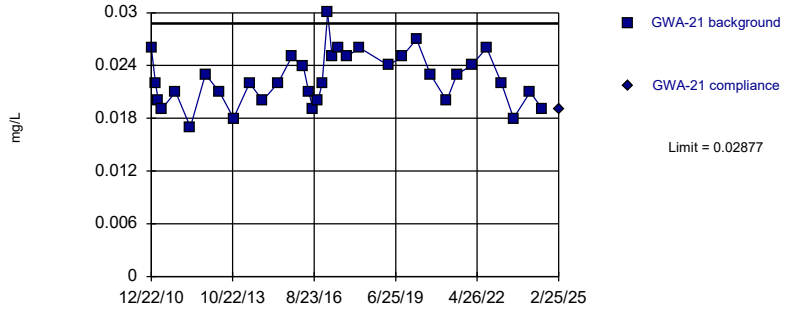
Constituent: Arsenic Analysis Run 4/24/2025 10:34 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.02245, Std. Dev.=0.002972, n=35. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9735, critical = 0.91. Kappa = 2.125 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

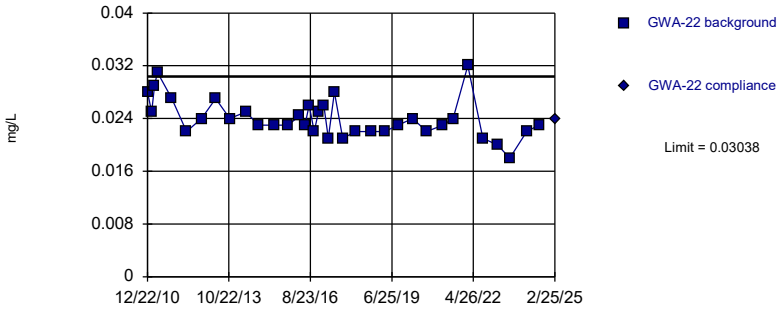
Constituent: Barium Analysis Run 4/24/2025 10:34 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.02404, Std. Dev.=0.002991, n=36. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.94, critical = 0.912. Kappa = 2.12 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

Constituent: Barium Analysis Run 4/24/2025 10:34 AM View: Appendix I

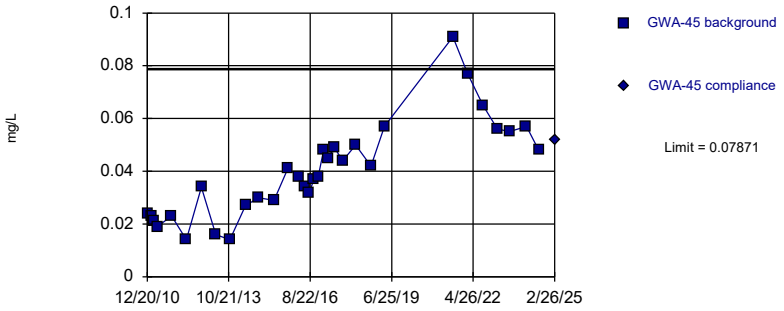
Plant Scherer Client: Southern Company Data: Scherer PAC

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.03994, Std. Dev.=0.01806, n=32. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9508, critical = 0.904. Kappa = 2.146 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

Constituent: Barium Analysis Run 4/24/2025 10:34 AM View: Appendix I

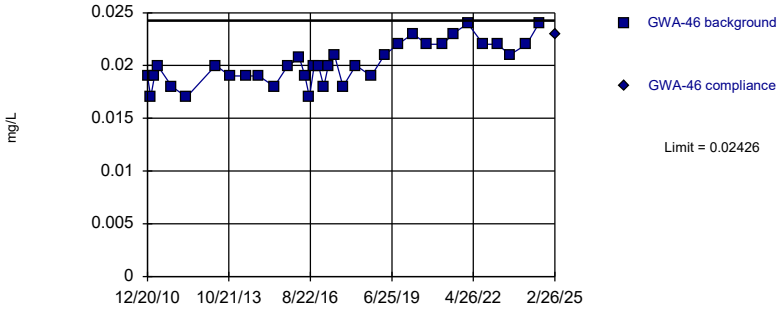
Plant Scherer Client: Southern Company Data: Scherer PAC

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.02016, Std. Dev.=0.001929, n=35. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9494, critical = 0.91. Kappa = 2.125 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

Constituent: Barium Analysis Run 4/24/2025 10:34 AM View: Appendix I

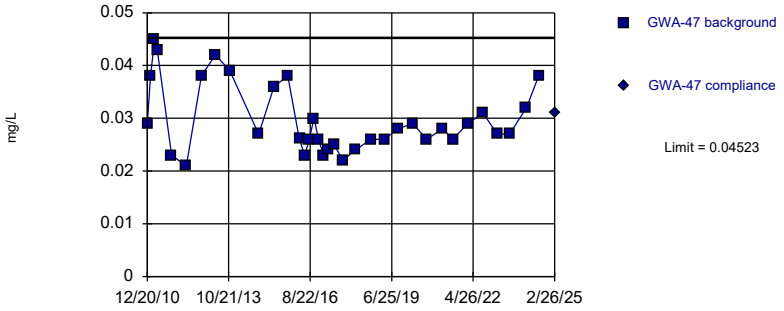
Plant Scherer Client: Southern Company Data: Scherer PAC

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on natural log transformation): Mean=-3.537, Std. Dev.=0.2074, n=35. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9155, critical = 0.91. Kappa = 2.125 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

Constituent: Barium Analysis Run 4/24/2025 10:34 AM View: Appendix I

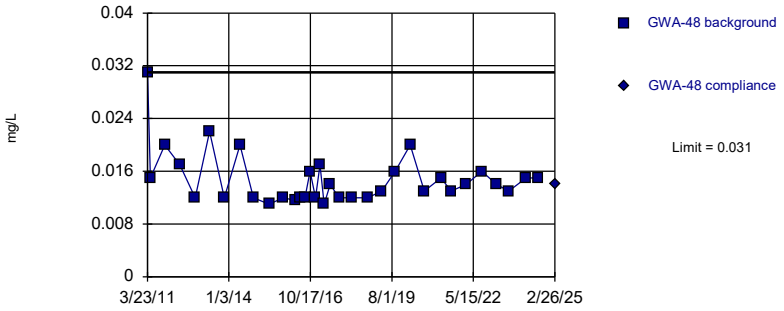
Plant Scherer Client: Southern Company Data: Scherer PAC

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Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 34 background values. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

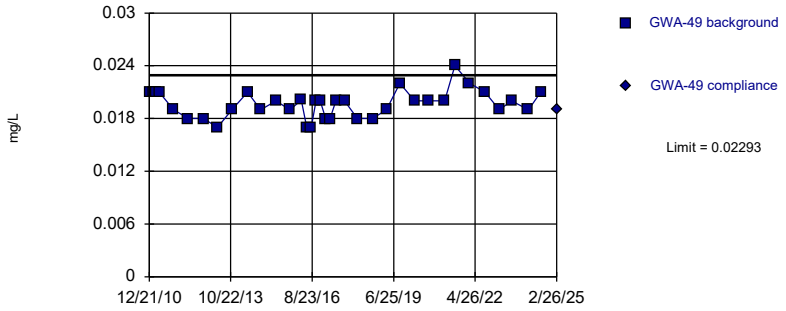
Constituent: Barium Analysis Run 4/24/2025 10:34 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.01964, Std. Dev.=0.001553, n=36. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9465, critical = 0.912. Kappa = 2.12 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

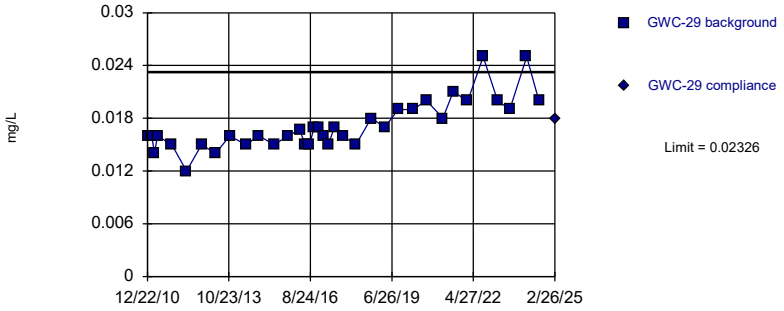
Constituent: Barium Analysis Run 4/24/2025 10:34 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=0.1305, Std. Dev.=0.01039, n=36. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9159, critical = 0.912. Kappa = 2.12 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

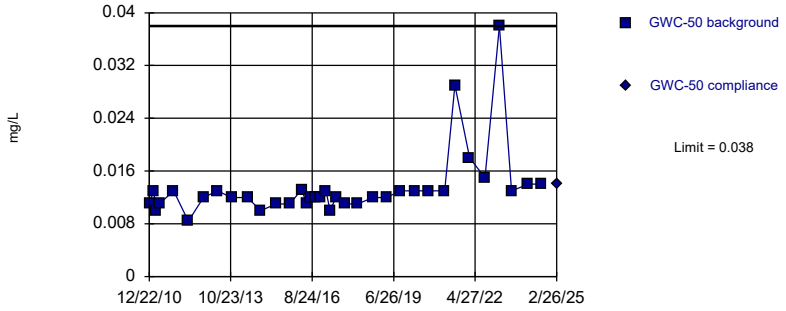
Constituent: Barium Analysis Run 4/24/2025 10:34 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

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Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 36 background values. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

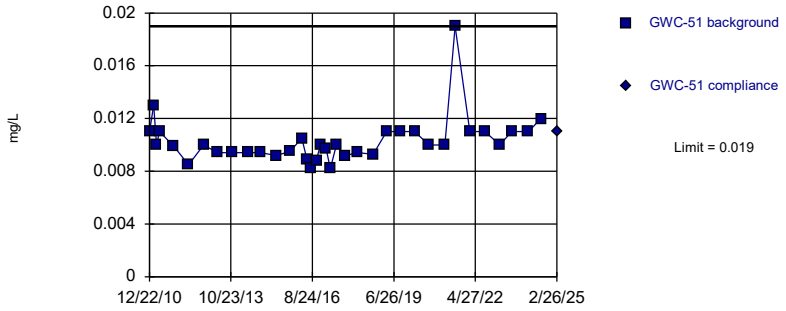
Constituent: Barium Analysis Run 4/24/2025 10:34 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

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Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 36 background values. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

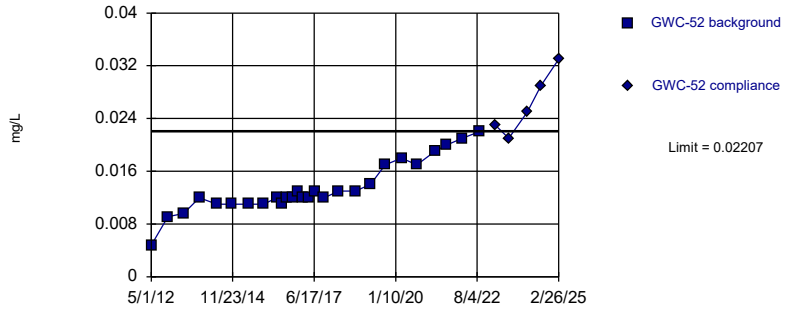
Constituent: Barium Analysis Run 4/24/2025 10:34 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

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Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.01343, Std. Dev.=0.003942, n=27. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9018, critical = 0.894. Kappa = 2.193 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

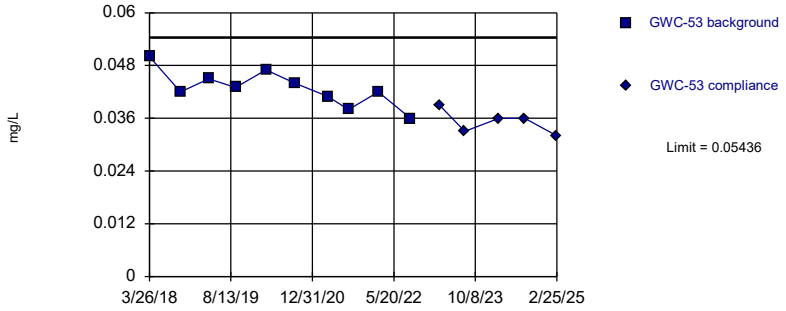
Constituent: Barium Analysis Run 4/24/2025 10:34 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.0428, Std. Dev.=0.004077, n=10. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9848, critical = 0.842. Kappa = 2.835 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

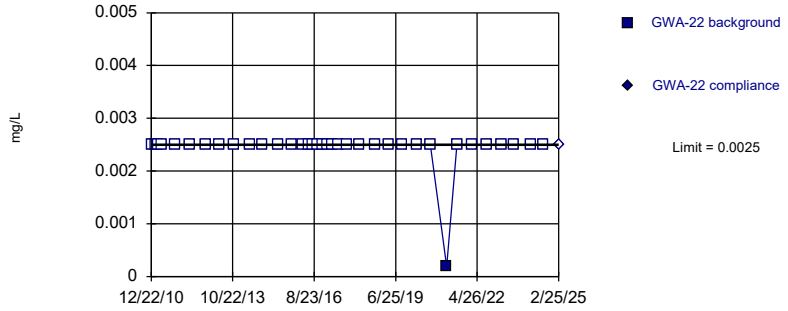
Constituent: Barium Analysis Run 4/24/2025 10:34 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 97.22% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

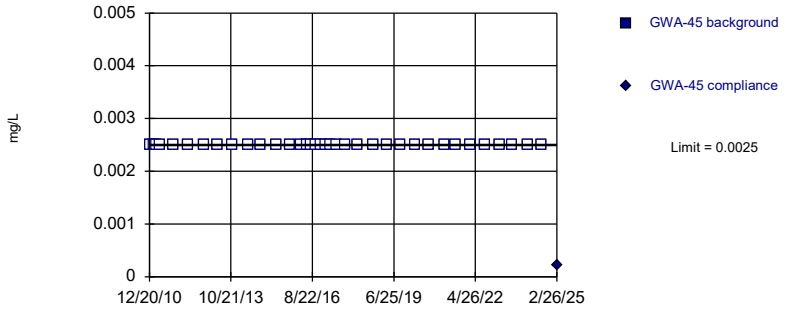
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Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 36) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Beryllium Analysis Run 4/24/2025 10:34 AM View: Appendix I

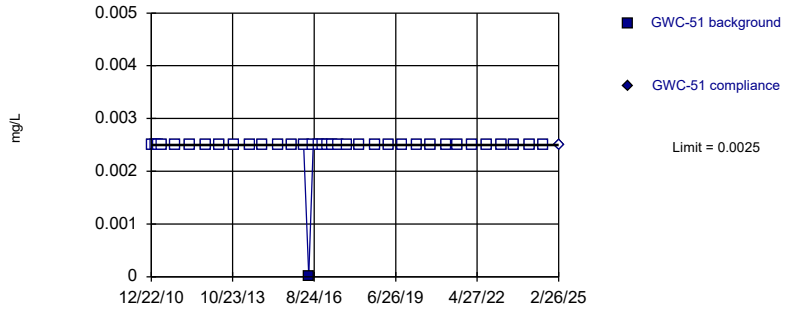
Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 97.22% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Beryllium Analysis Run 4/24/2025 10:34 AM View: Appendix I

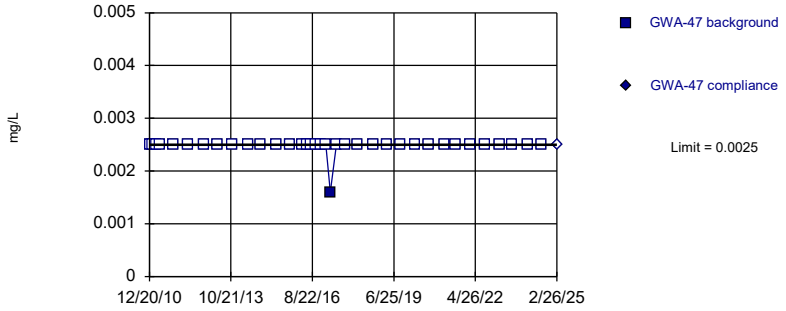
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 97.22% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Cadmium Analysis Run 4/24/2025 10:34 AM View: Appendix I

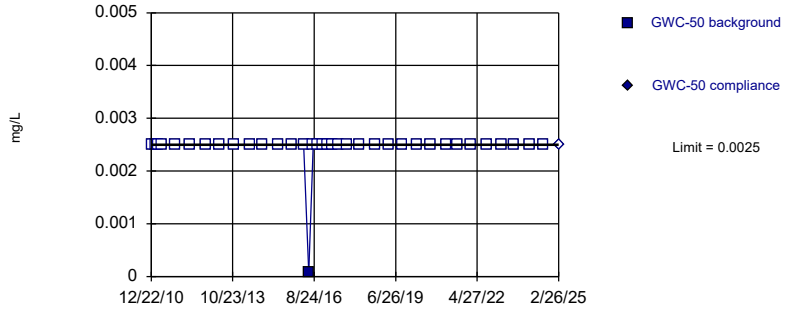
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 97.22% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Cadmium Analysis Run 4/24/2025 10:34 AM View: Appendix I

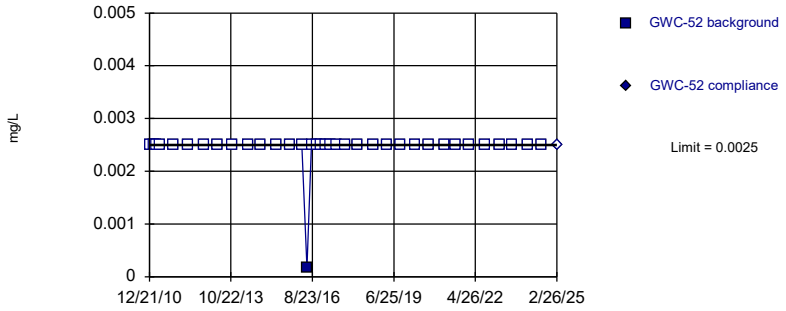
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 97.22% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Cadmium Analysis Run 4/24/2025 10:34 AM View: Appendix I

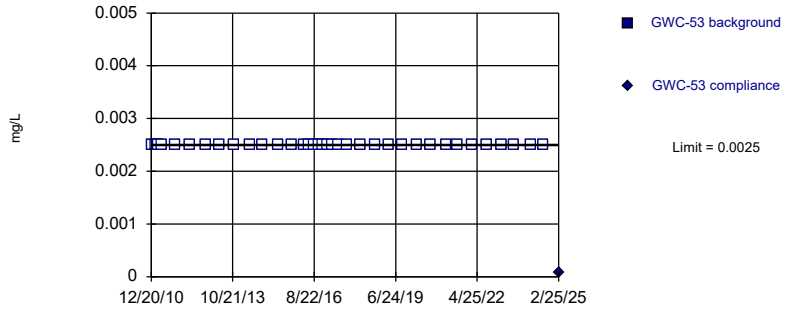
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 36) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Cadmium Analysis Run 4/24/2025 10:34 AM View: Appendix I

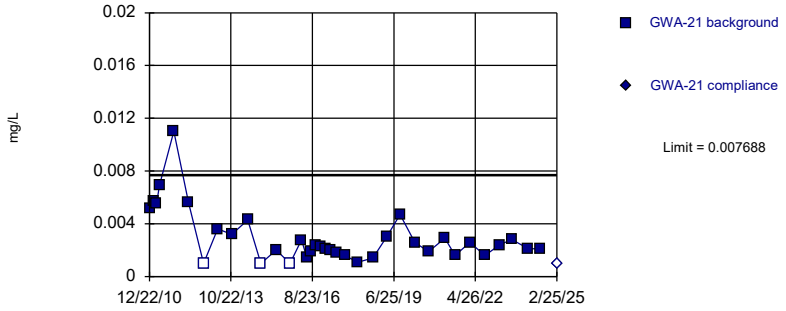
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on cube root transformation): Mean=0.1382, Std. Dev.=0.0279, n=36, 8.333% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9258, critical = 0.912. Kappa = 2.12 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

Constituent: Chromium Analysis Run 4/24/2025 10:34 AM View: Appendix I

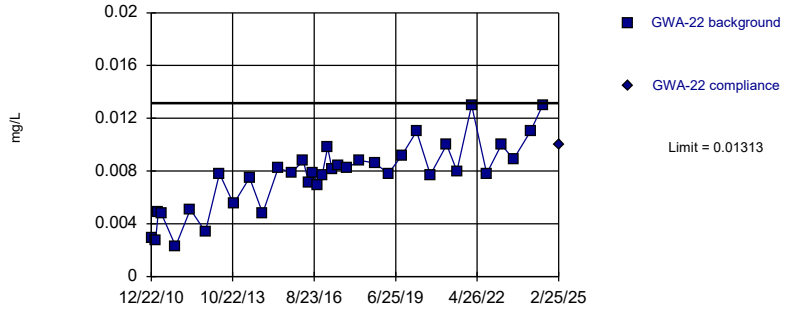
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.007652, Std. Dev.=0.002586, n=36. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9461, critical = 0.912. Kappa = 2.12 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

Constituent: Chromium Analysis Run 4/24/2025 10:34 AM View: Appendix I

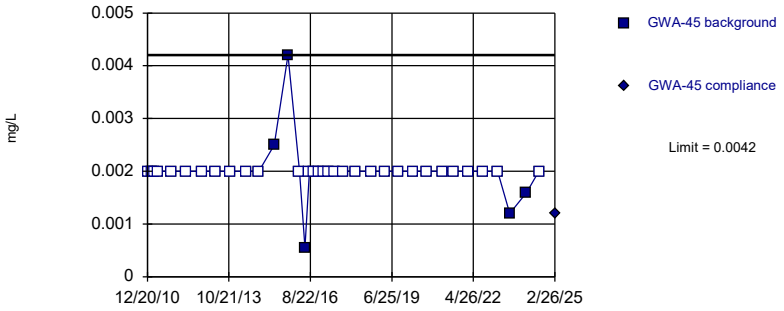
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 86.11% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Chromium Analysis Run 4/24/2025 10:35 AM View: Appendix I

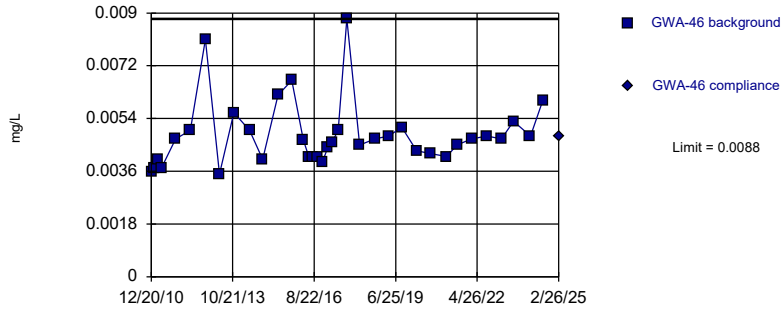
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 36 background values. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Chromium Analysis Run 4/24/2025 10:35 AM View: Appendix I

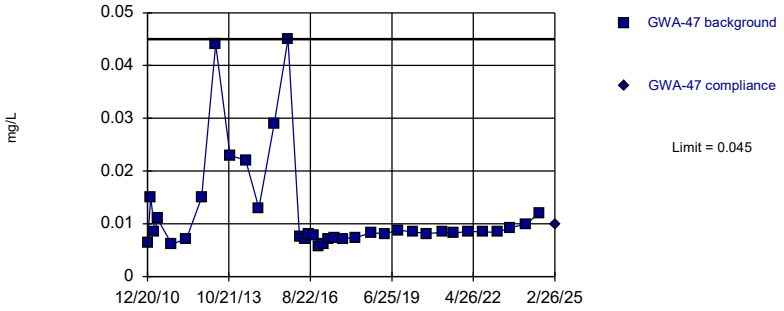
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 36 background values. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Chromium Analysis Run 4/24/2025 10:35 AM View: Appendix I

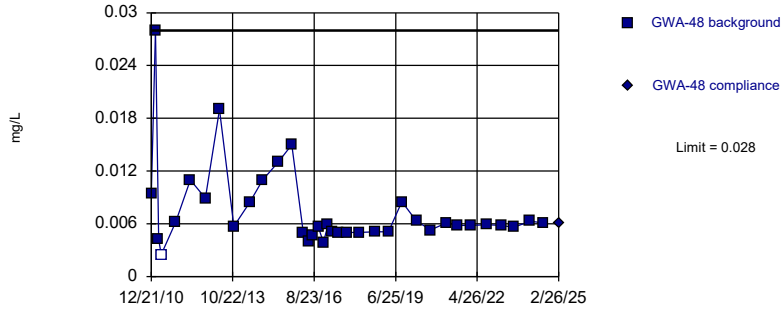
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 36 background values. 2.778% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Chromium Analysis Run 4/24/2025 10:35 AM View: Appendix I

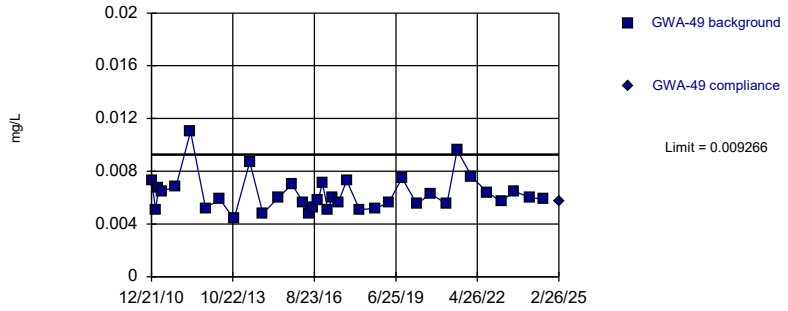
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on cube root transformation): Mean=0.1838, Std. Dev.=0.0124, n=36. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9223, critical = 0.912. Kappa = 2.12 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

Constituent: Chromium Analysis Run 4/24/2025 10:35 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

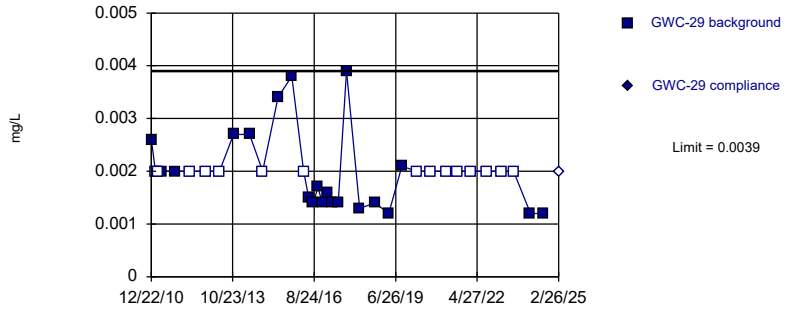
Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 36 background values. 41.67% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Chromium Analysis Run 4/24/2025 10:35 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

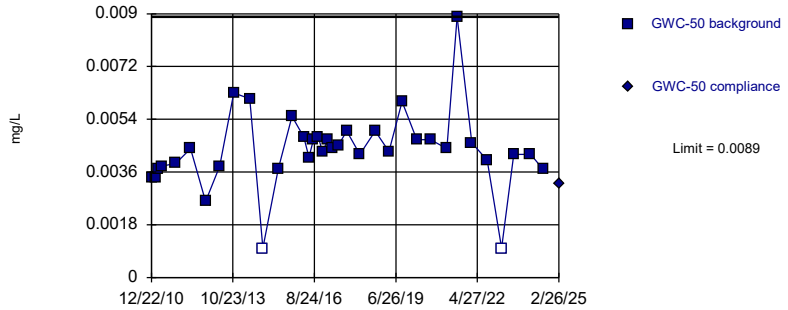
Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 36 background values. 5.556% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Chromium Analysis Run 4/24/2025 10:35 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

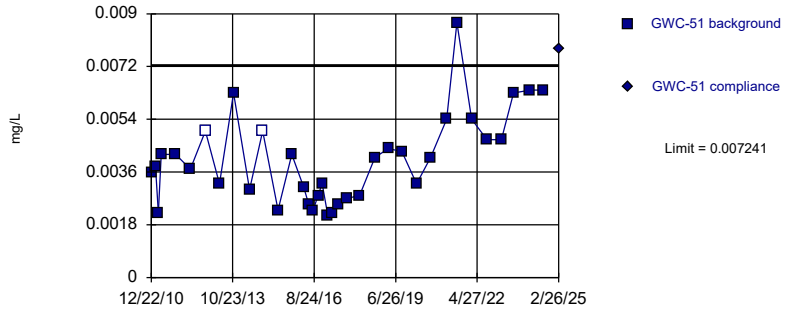
Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.004027, Std. Dev.=0.001516, n=36, 5.556% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9213, critical = 0.912. Kappa = 2.12 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

Constituent: Chromium Analysis Run 4/24/2025 10:35 AM View: Appendix I

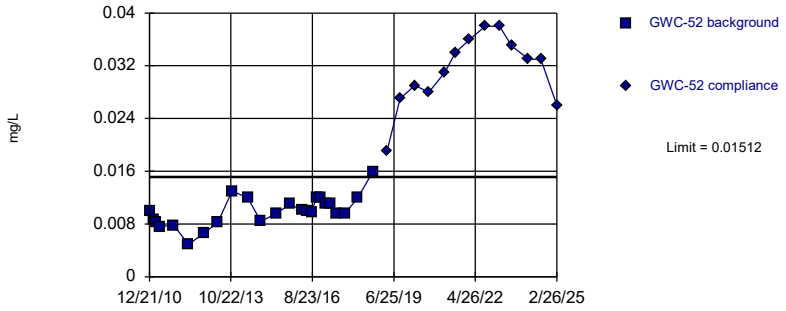
Plant Scherer Client: Southern Company Data: Scherer PAC

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Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.009958, Std. Dev.=0.002314, n=24. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9736, critical = 0.884. Kappa = 2.232 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

Constituent: Chromium Analysis Run 4/24/2025 10:35 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

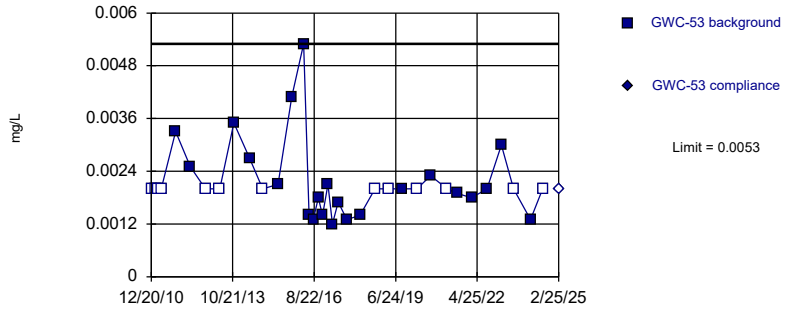
Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 36 background values. 36.11% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Chromium Analysis Run 4/24/2025 10:35 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

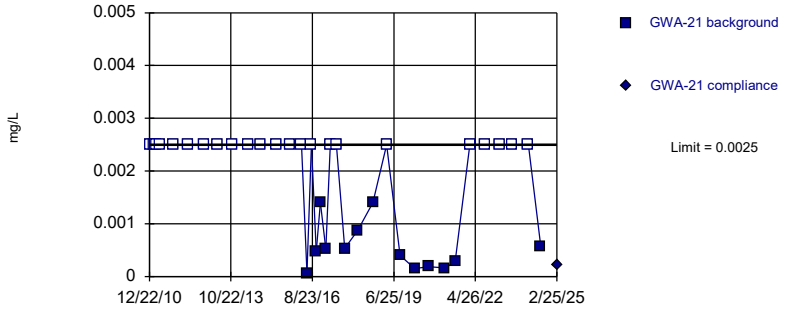
Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 63.89% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Cobalt Analysis Run 4/24/2025 10:35 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

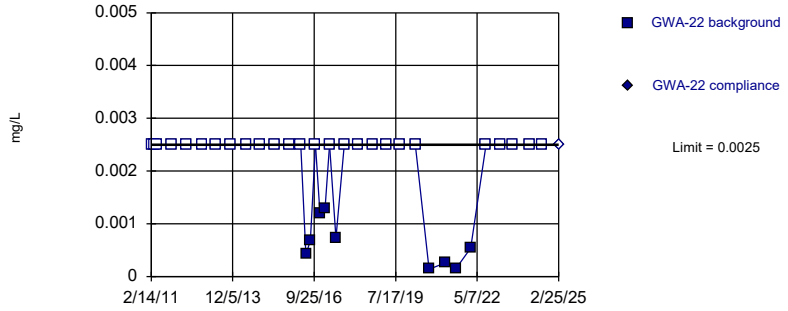
Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 35 background values. 74.29% NDs. Well-constituent pair annual alpha = 0.002991. Individual comparison alpha = 0.001497 (1 of 2).

Constituent: Cobalt Analysis Run 4/24/2025 10:35 AM View: Appendix I

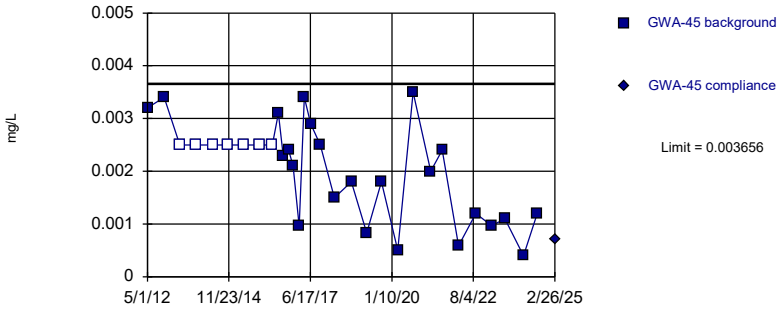
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.001627, Std. Dev.=0.0009422, n=31, 22.58% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9308, critical = 0.902. Kappa = 2.153 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

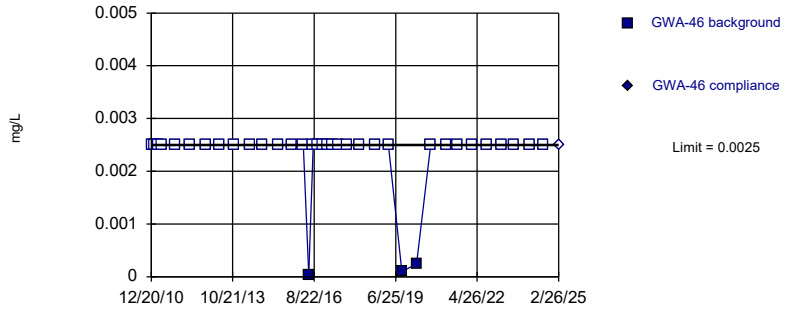
Constituent: Cobalt Analysis Run 4/24/2025 10:35 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 91.67% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

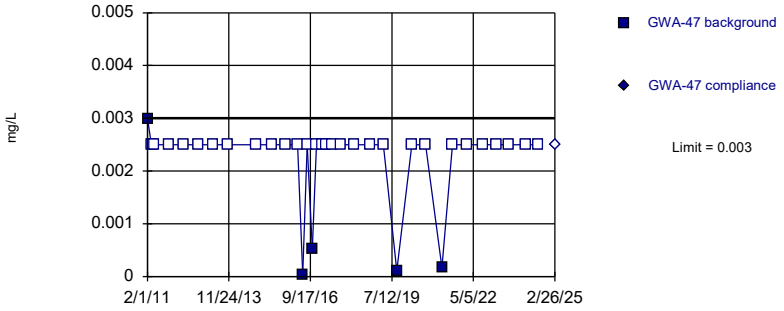
Constituent: Cobalt Analysis Run 4/24/2025 10:35 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 85.29% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

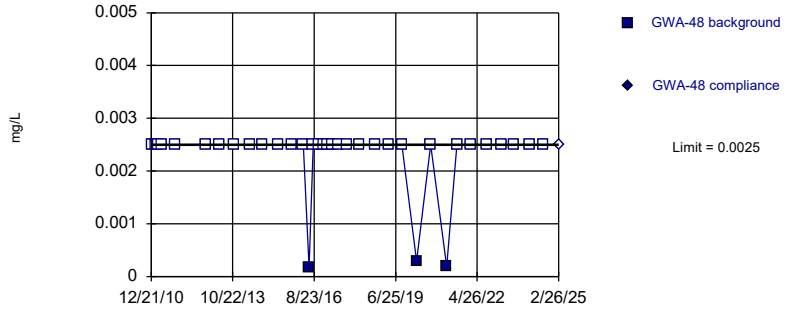
Constituent: Cobalt Analysis Run 4/24/2025 10:35 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 35 background values. 91.43% NDs. Well-constituent pair annual alpha = 0.002991. Individual comparison alpha = 0.001497 (1 of 2).

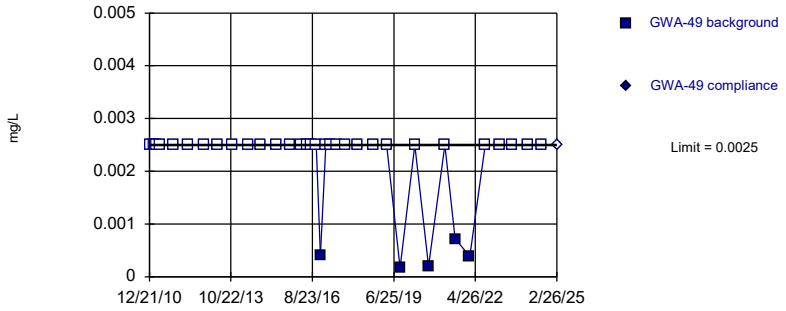
Constituent: Cobalt Analysis Run 4/24/2025 10:35 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 86.11% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

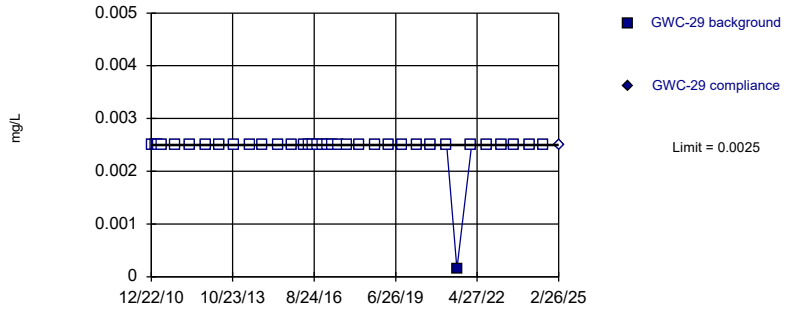
Constituent: Cobalt Analysis Run 4/24/2025 10:35 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 97.22% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

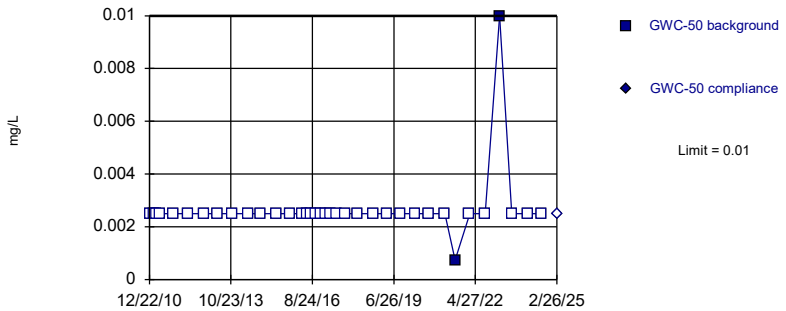
Constituent: Cobalt Analysis Run 4/24/2025 10:35 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 94.44% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

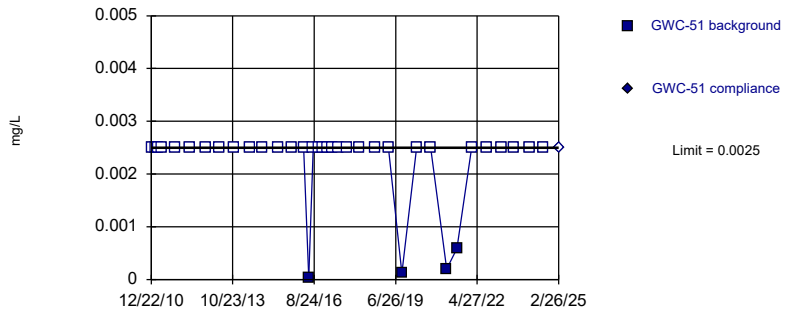
Constituent: Cobalt Analysis Run 4/24/2025 10:35 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 88.89% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

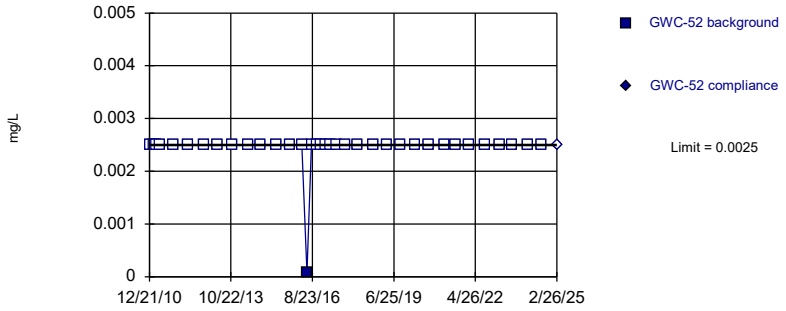
Constituent: Cobalt Analysis Run 4/24/2025 10:35 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 97.22% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

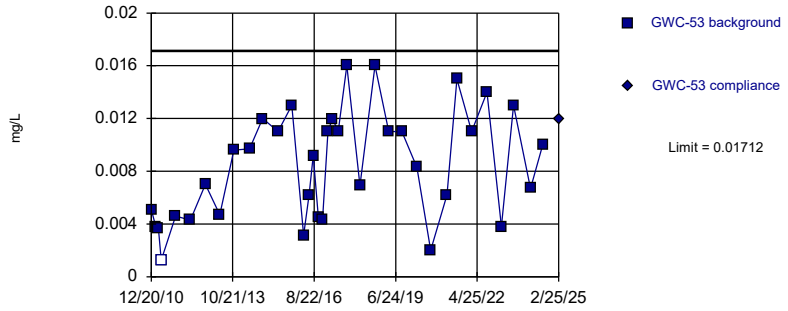
Constituent: Cobalt Analysis Run 4/24/2025 10:35 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.008389, Std. Dev.=0.004121, n=36, 2.778% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9462, critical = 0.912. Kappa = 2.12 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

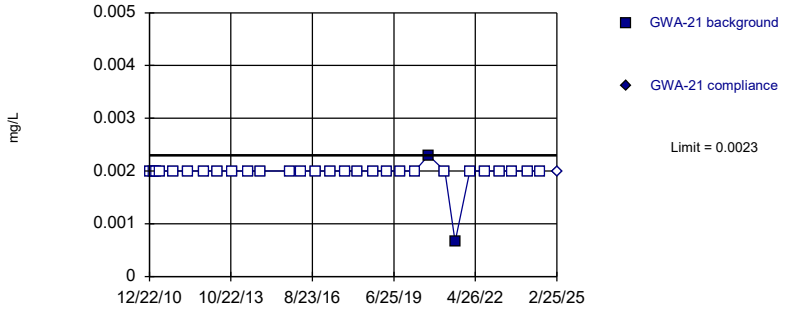
Constituent: Cobalt Analysis Run 4/24/2025 10:35 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 93.33% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

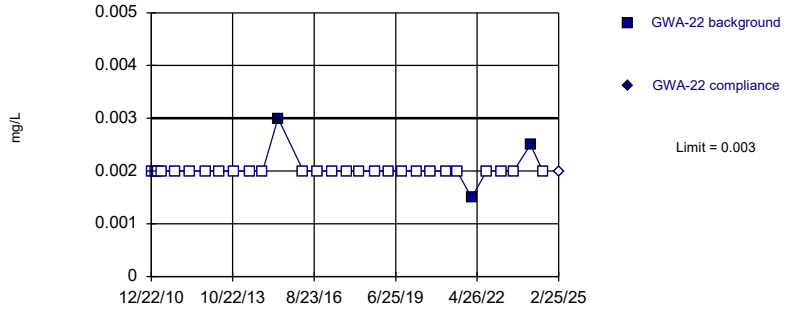
Constituent: Copper Analysis Run 4/24/2025 10:35 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 90% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

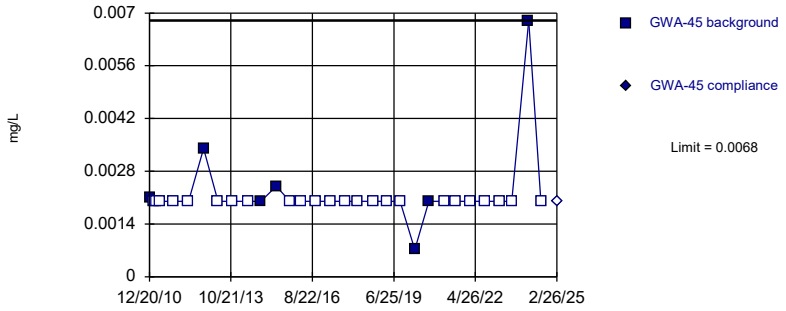
Constituent: Copper Analysis Run 4/24/2025 10:35 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 77.42% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

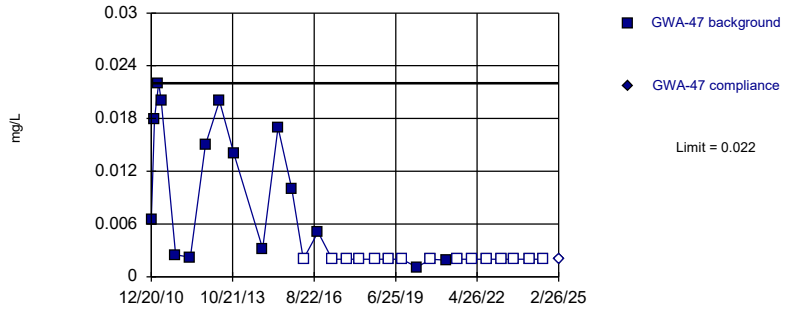
Constituent: Copper Analysis Run 4/24/2025 10:35 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 30 background values. 50% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

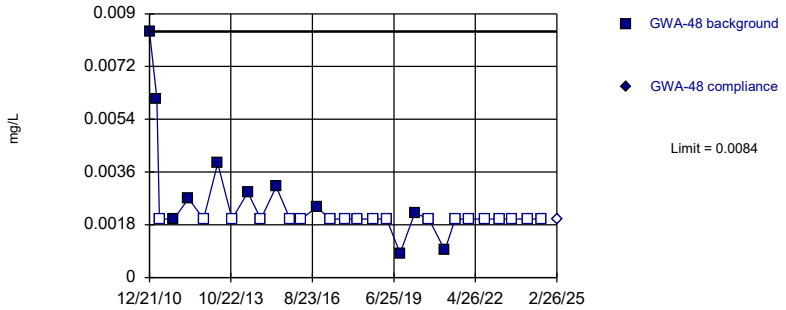
Constituent: Copper Analysis Run 4/24/2025 10:35 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 63.33% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

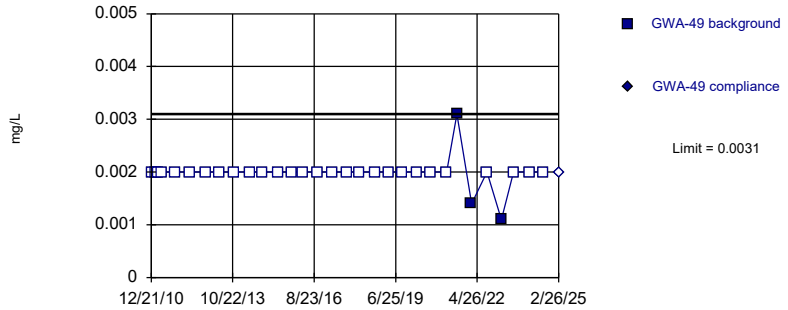
Constituent: Copper Analysis Run 4/24/2025 10:35 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 90.32% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

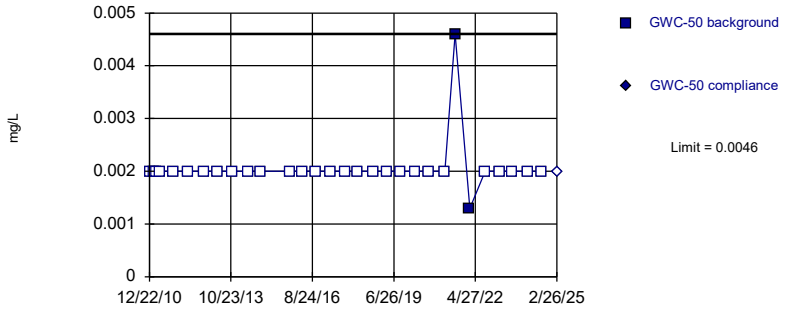
Constituent: Copper Analysis Run 4/24/2025 10:35 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 93.33% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

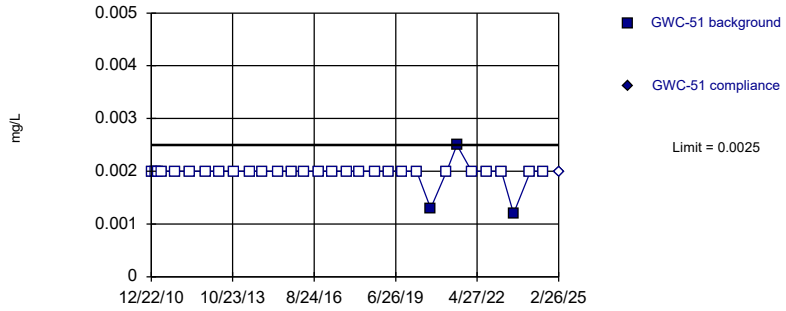
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Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 90.32% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

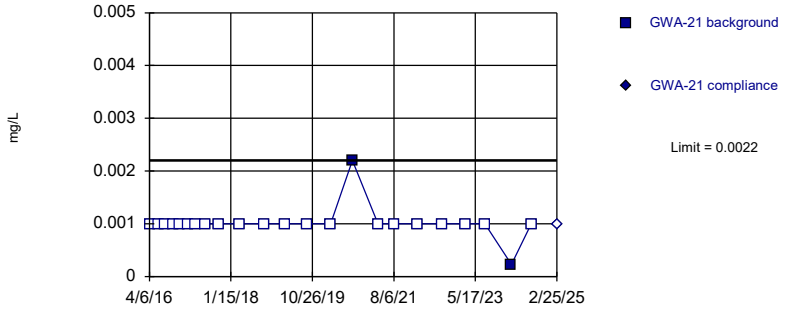
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Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

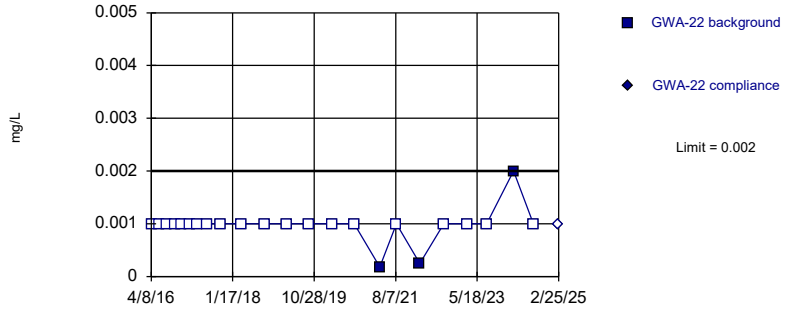
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Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 86.96% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

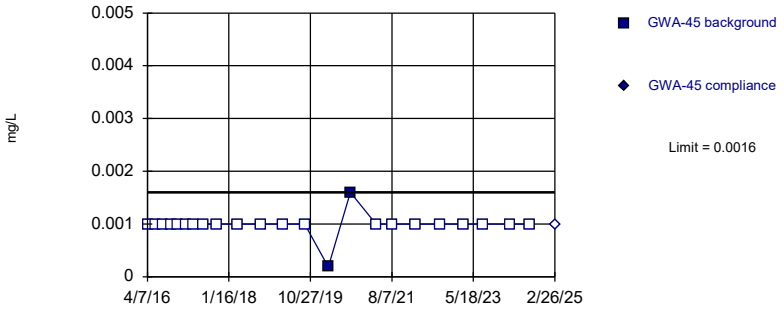
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Plant Scherer Client: Southern Company Data: Scherer PAC

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Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

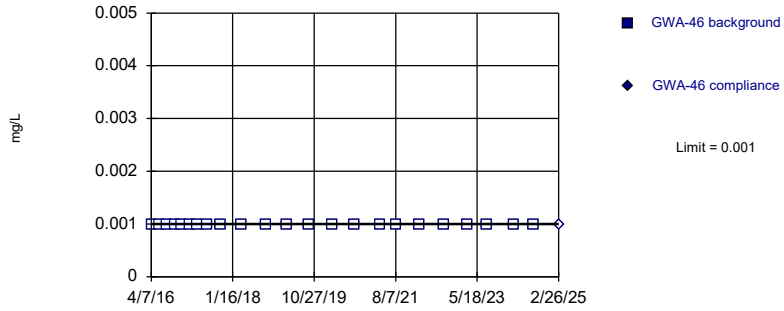
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Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

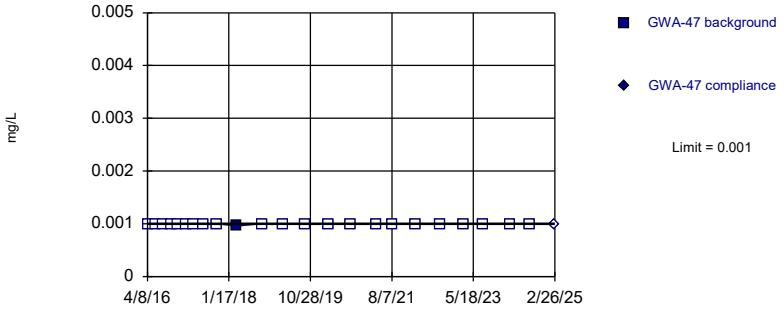
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Within Limit

Prediction Limit

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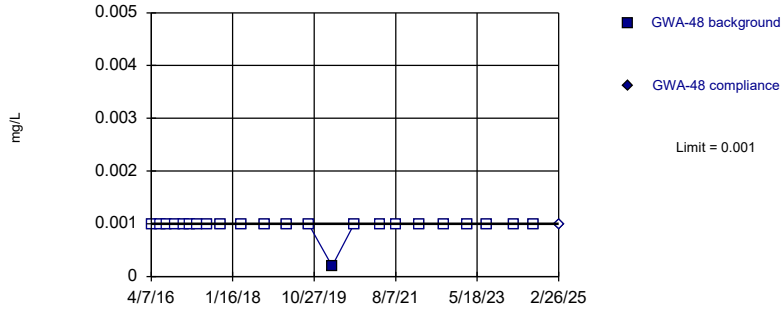
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Plant Scherer Client: Southern Company Data: Scherer PAC

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Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

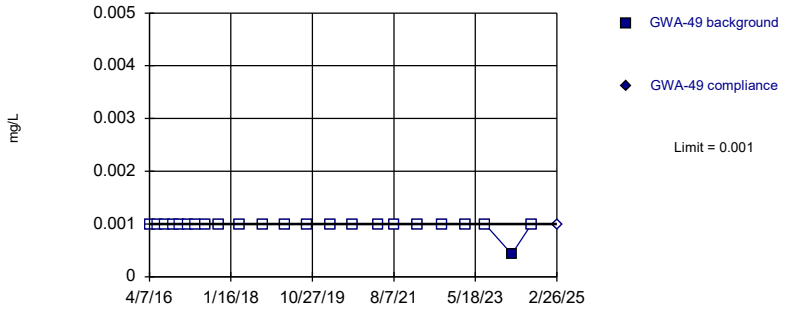
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Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

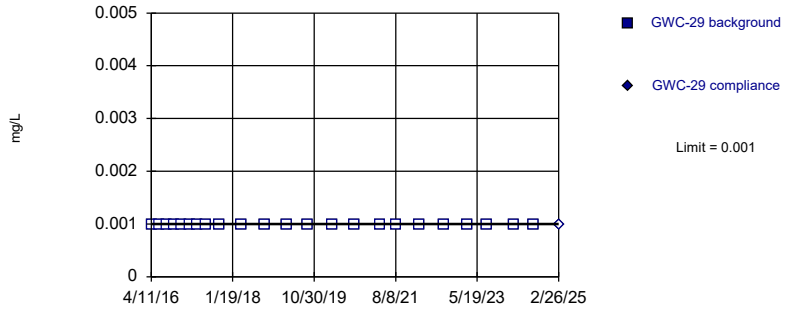
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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

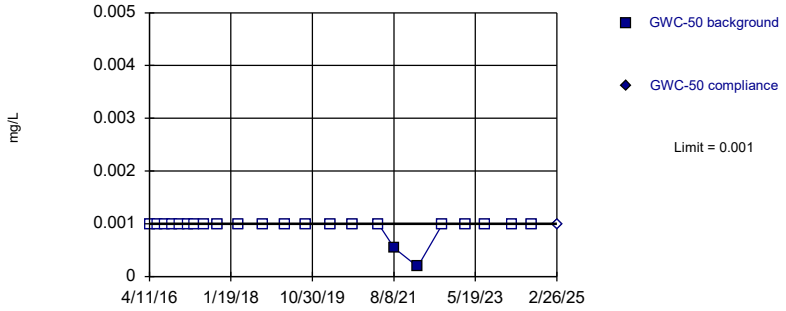
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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

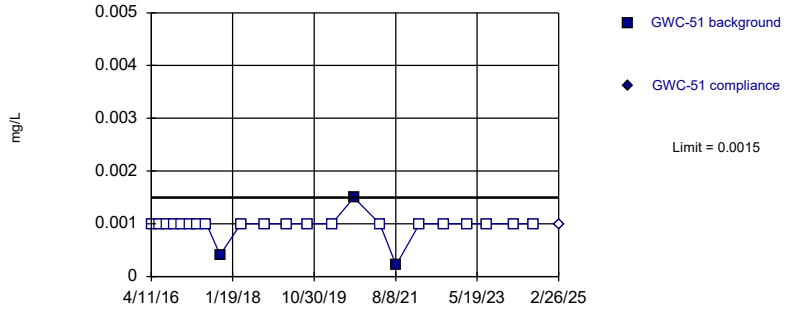
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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 86.96% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

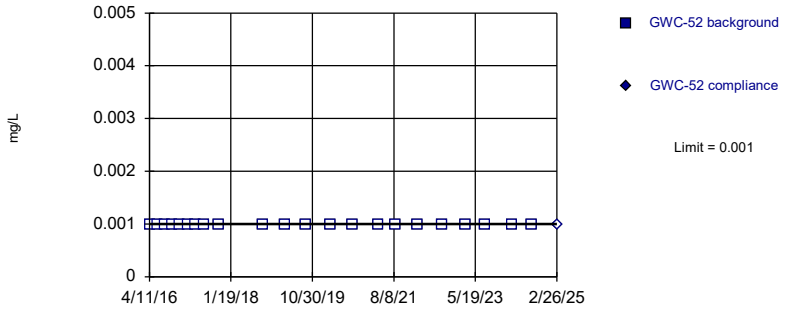
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Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

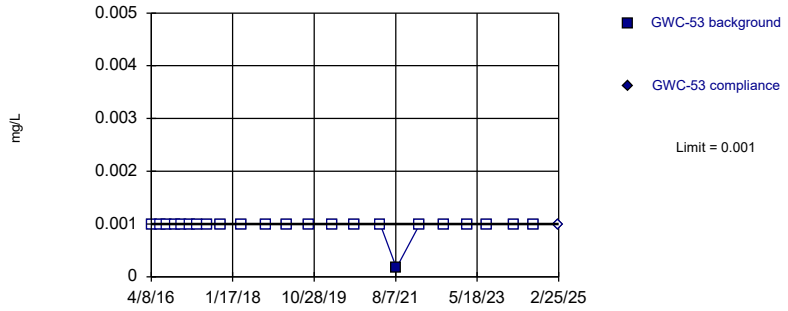
Constituent: Lead Analysis Run 4/24/2025 10:35 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

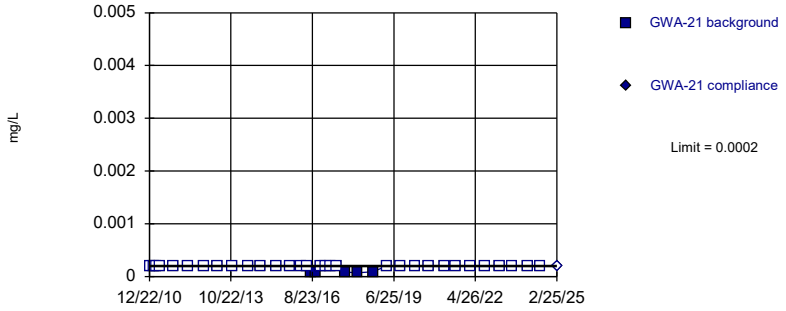
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Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 86.11% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

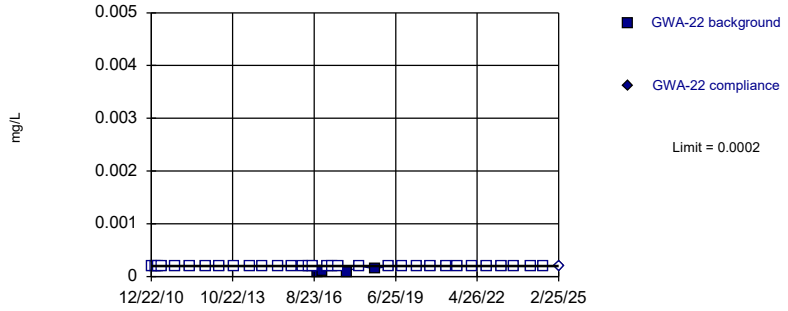
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Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 88.89% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

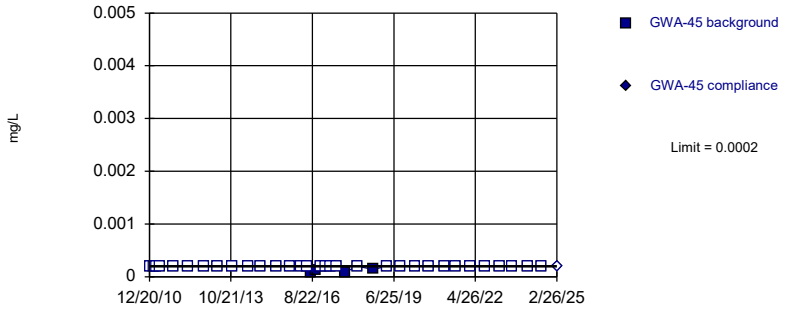
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Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 88.89% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

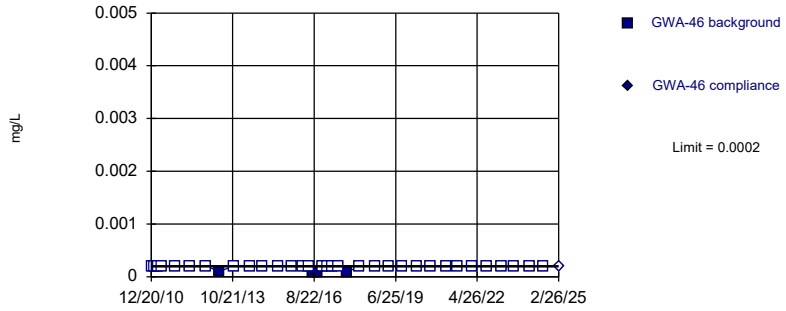
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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 88.89% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

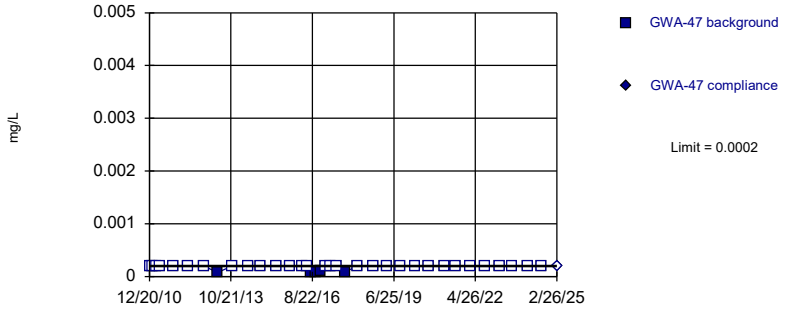
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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 86.11% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

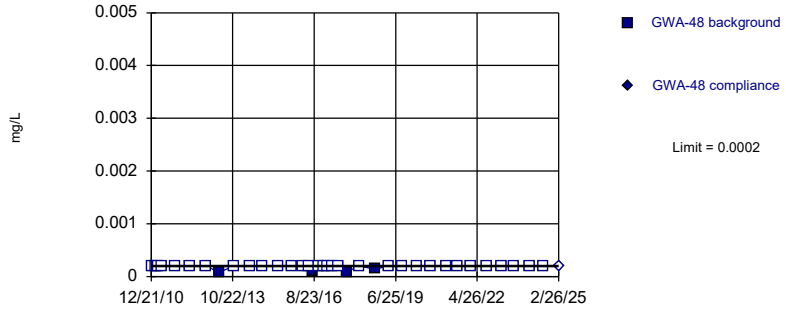
Constituent: Mercury Analysis Run 4/24/2025 10:36 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



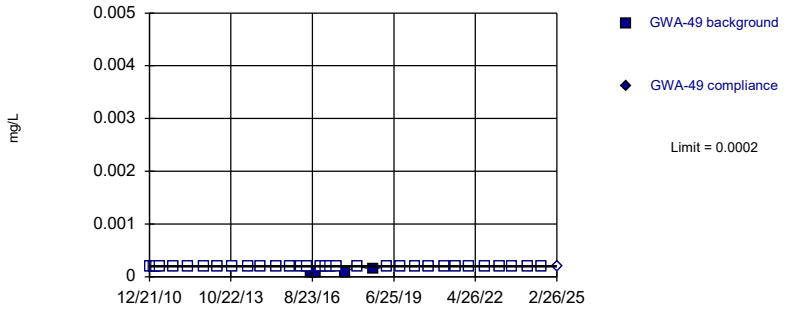
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 88.89% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Mercury Analysis Run 4/24/2025 10:36 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



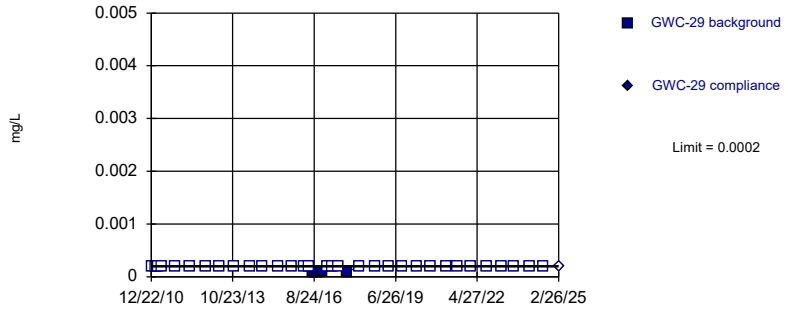
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 88.89% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

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Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



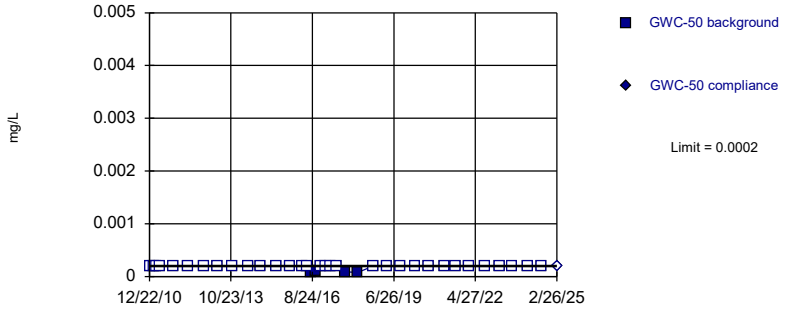
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 88.89% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Mercury Analysis Run 4/24/2025 10:36 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



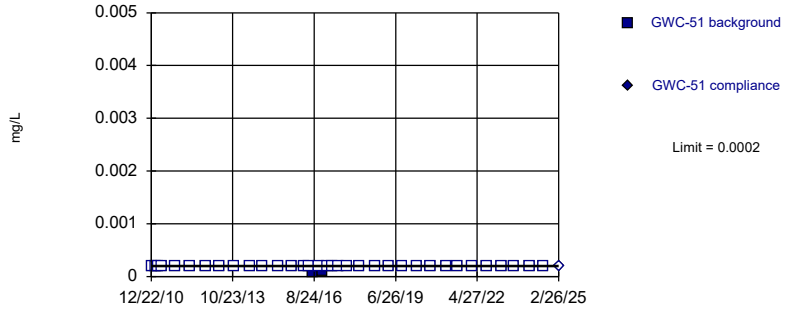
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Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 94.44% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

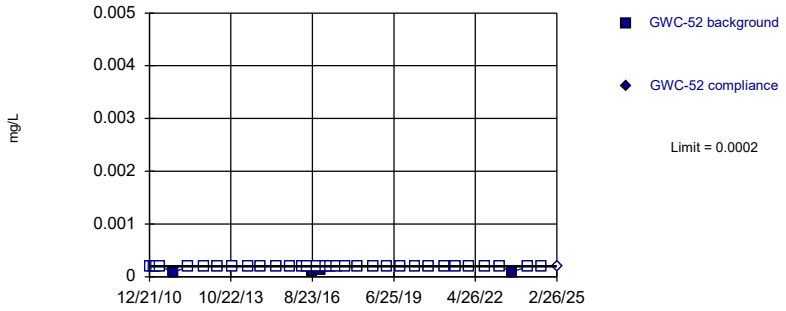
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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 88.89% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

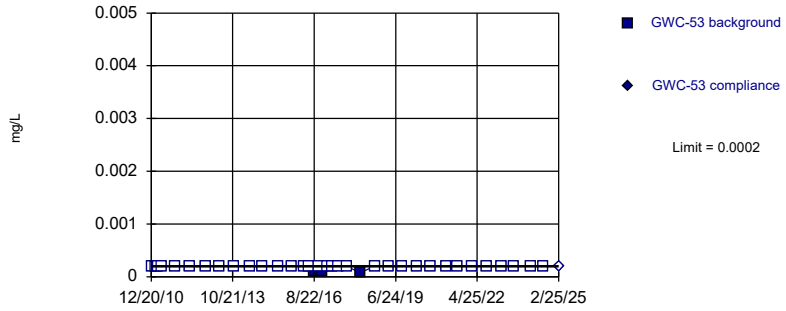
Constituent: Mercury Analysis Run 4/24/2025 10:36 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 91.67% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

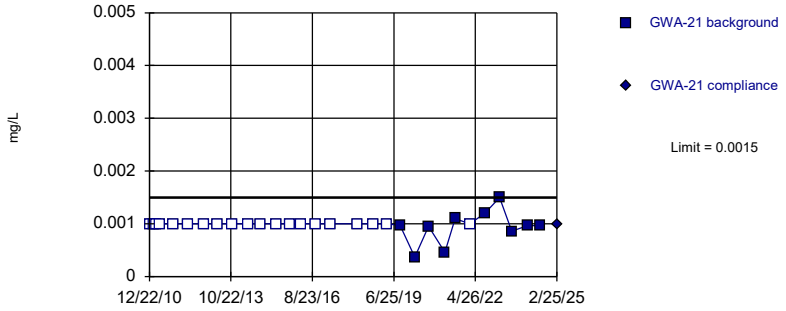
Constituent: Mercury Analysis Run 4/24/2025 10:36 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 66.67% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

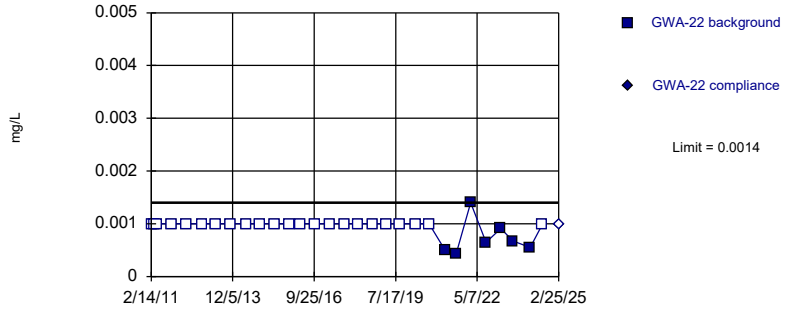
Constituent: Nickel Analysis Run 4/24/2025 10:36 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 76.67% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

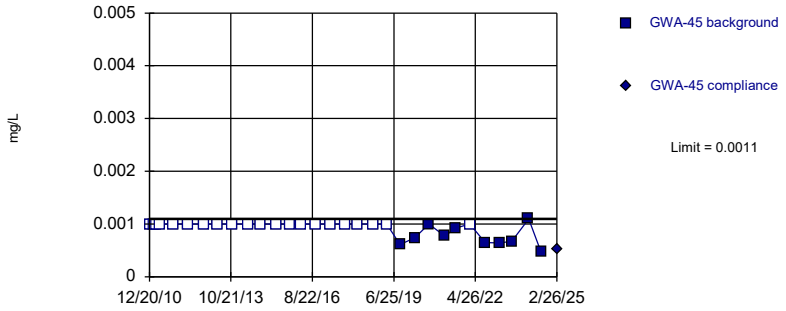
Constituent: Nickel Analysis Run 4/24/2025 10:36 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 67.74% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

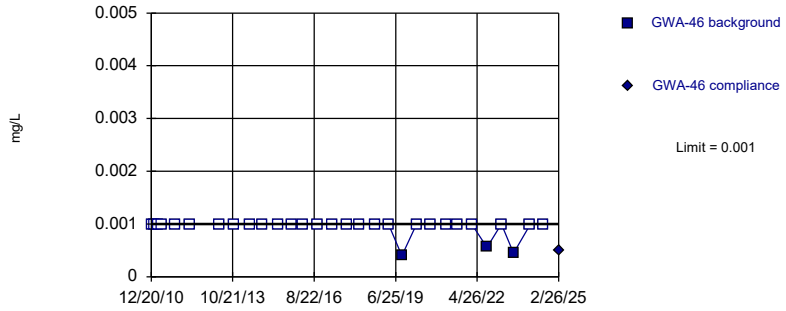
Constituent: Nickel Analysis Run 4/24/2025 10:36 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 90% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

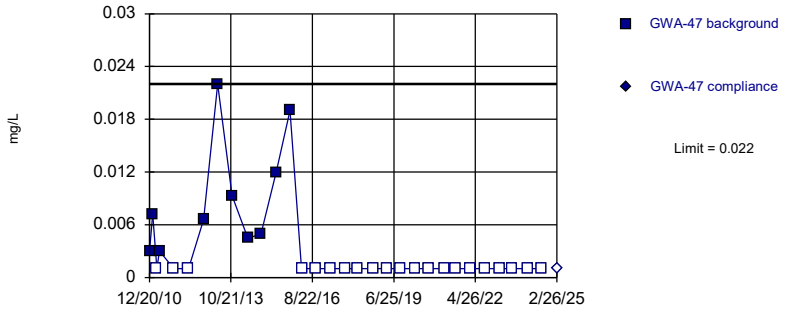
Constituent: Nickel Analysis Run 4/24/2025 10:36 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 67.74% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

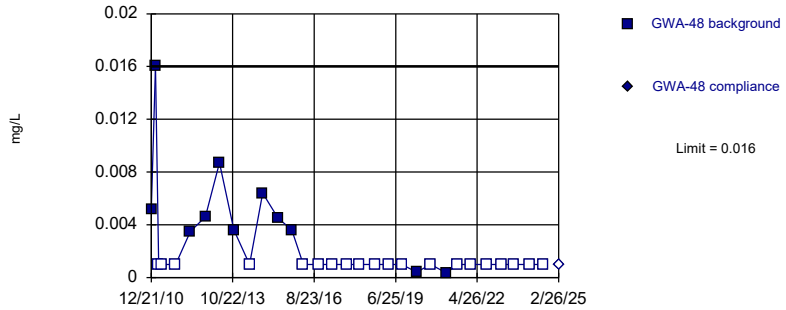
Constituent: Nickel Analysis Run 4/24/2025 10:36 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 64.52% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

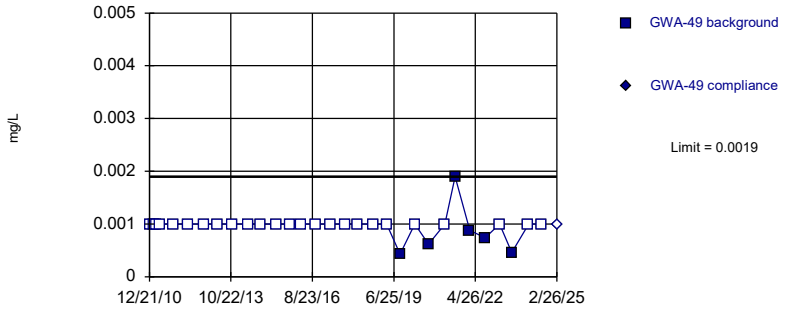
Constituent: Nickel Analysis Run 4/24/2025 10:36 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 80.65% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

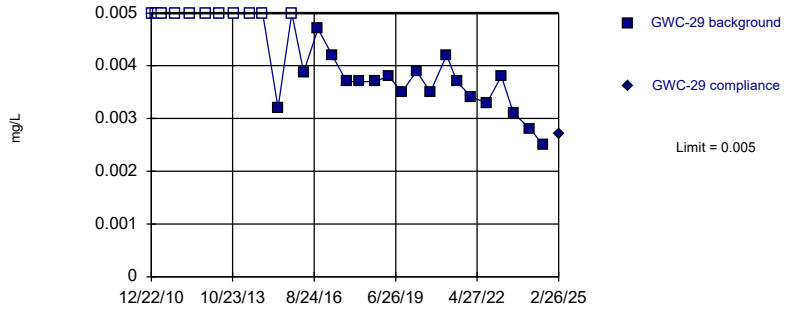
Constituent: Nickel Analysis Run 4/24/2025 10:36 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 31 background values. 38.71% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

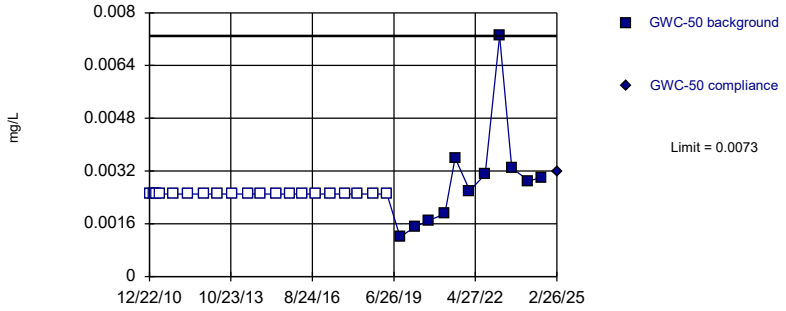
Constituent: Nickel Analysis Run 4/24/2025 10:36 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 64.52% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

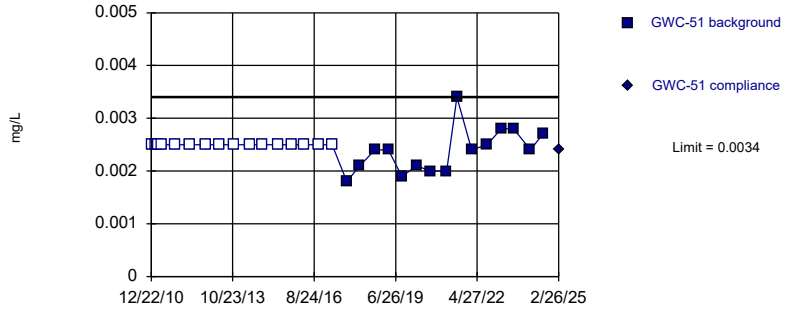
Constituent: Nickel Analysis Run 4/24/2025 10:36 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 51.61% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

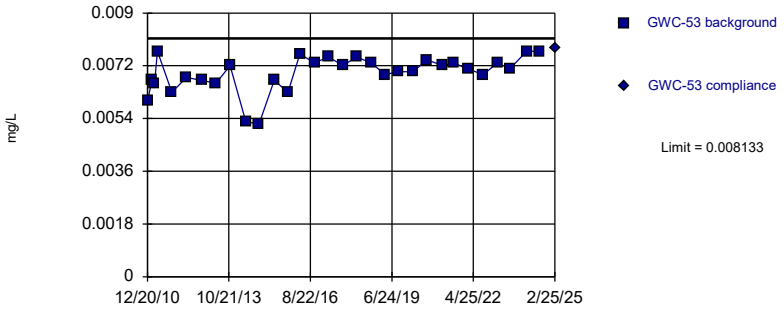
Constituent: Nickel Analysis Run 4/24/2025 10:36 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square transformation): Mean=0.00004852, Std. Dev.=0.000008186, n=31. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9155, critical = 0.902. Kappa = 2.153 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

Constituent: Nickel Analysis Run 4/24/2025 10:36 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

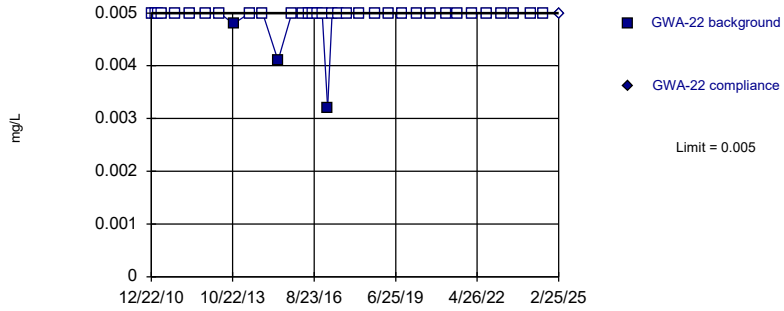
Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 91.67% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Selenium Analysis Run 4/24/2025 10:36 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

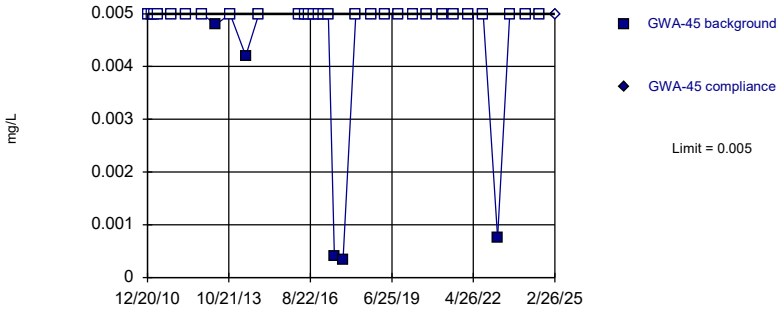
Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 34 background values. 85.29% NDs. Well-constituent pair annual alpha = 0.003195. Individual comparison alpha = 0.001599 (1 of 2).

Constituent: Selenium Analysis Run 4/24/2025 10:36 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

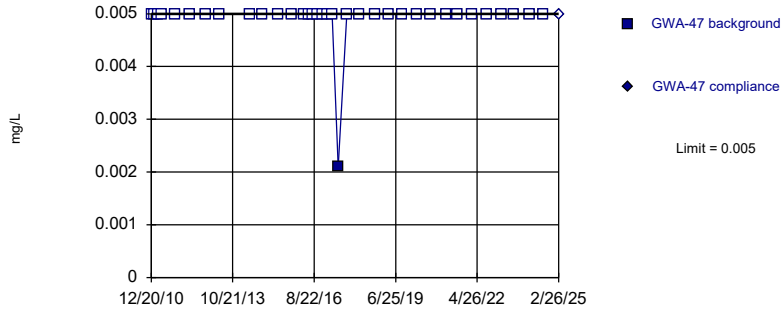
Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 35 background values. 97.14% NDs. Well-constituent pair annual alpha = 0.002991. Individual comparison alpha = 0.001497 (1 of 2).

Constituent: Selenium Analysis Run 4/24/2025 10:36 AM View: Appendix I

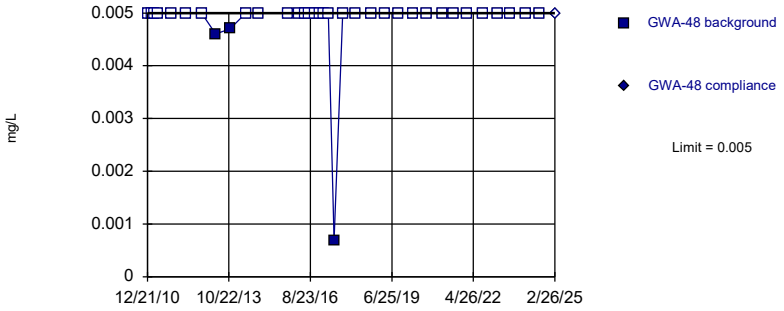
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 35 background values. 91.43% NDs. Well-constituent pair annual alpha = 0.002991. Individual comparison alpha = 0.001497 (1 of 2).

Constituent: Selenium Analysis Run 4/24/2025 10:36 AM View: Appendix I

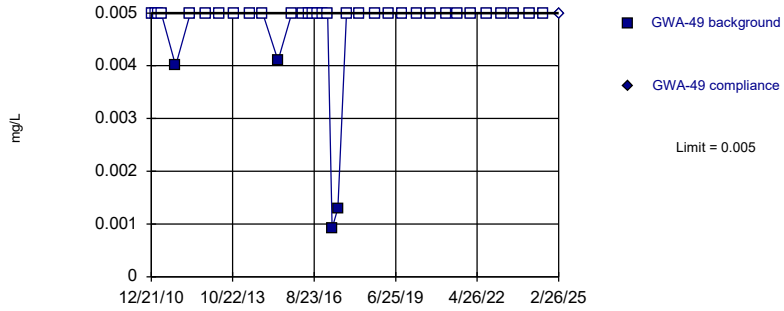
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 88.89% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Selenium Analysis Run 4/24/2025 10:36 AM View: Appendix I

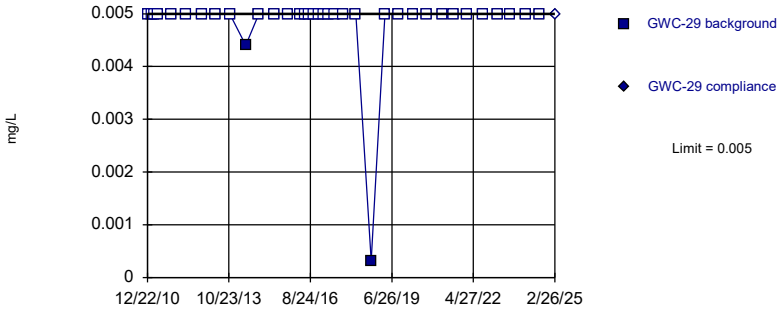
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 94.44% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Selenium Analysis Run 4/24/2025 10:36 AM View: Appendix I

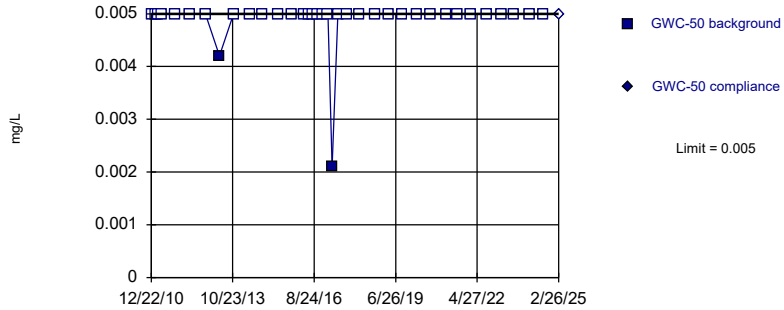
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 94.44% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

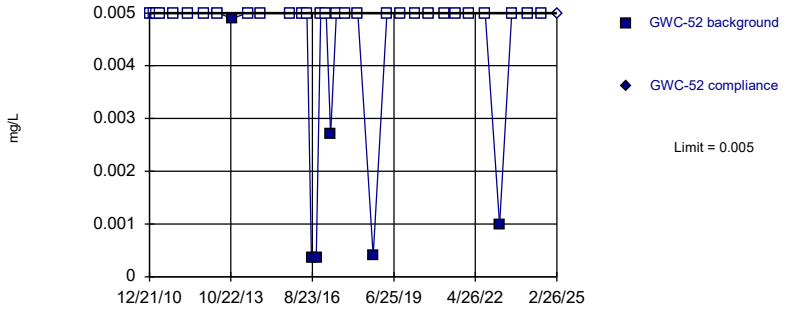
Constituent: Selenium Analysis Run 4/24/2025 10:36 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



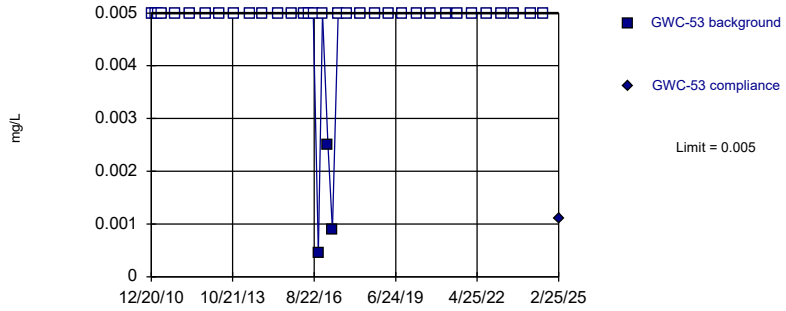
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 35 background values. 82.86% NDs. Well-constituent pair annual alpha = 0.002991. Individual comparison alpha = 0.001497 (1 of 2).

Constituent: Selenium Analysis Run 4/24/2025 10:36 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



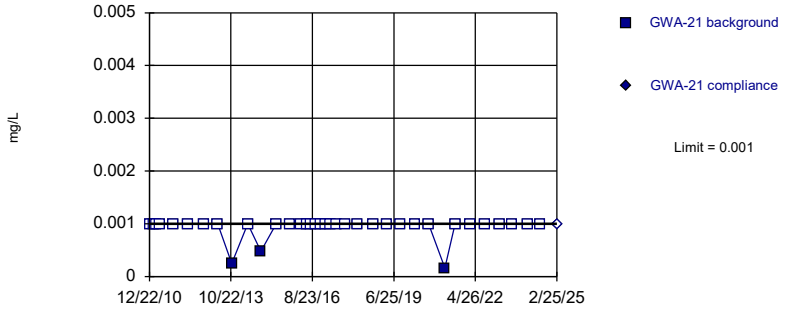
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 91.67% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Selenium Analysis Run 4/24/2025 10:36 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



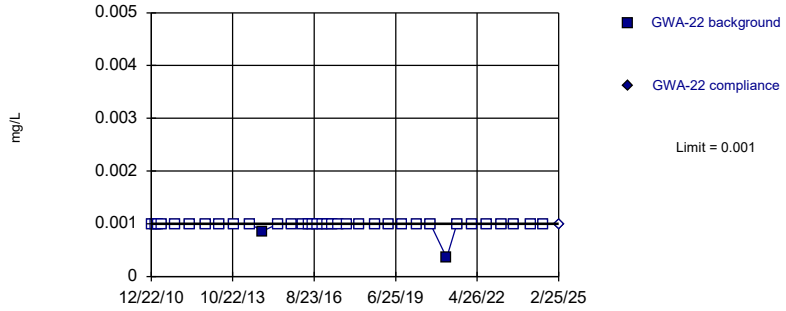
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 91.67% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Thallium Analysis Run 4/24/2025 10:36 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 94.44% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

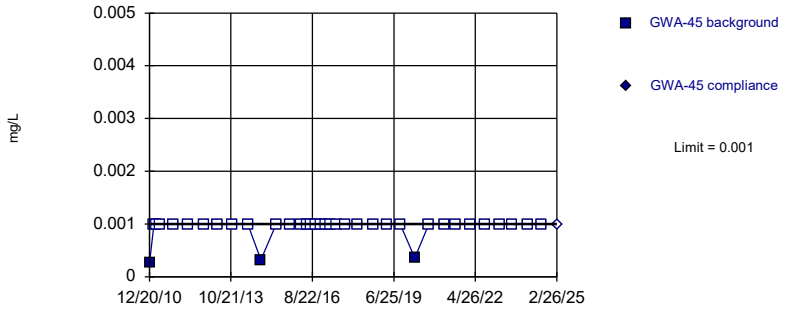
Constituent: Thallium Analysis Run 4/24/2025 10:36 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 91.67% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Thallium Analysis Run 4/24/2025 10:36 AM View: Appendix I

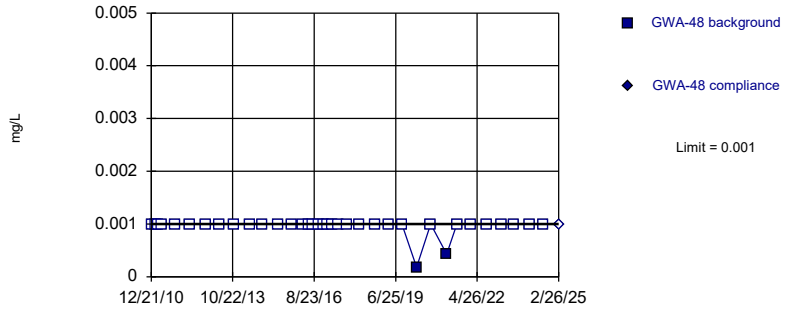
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 94.44% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Thallium Analysis Run 4/24/2025 10:36 AM View: Appendix I

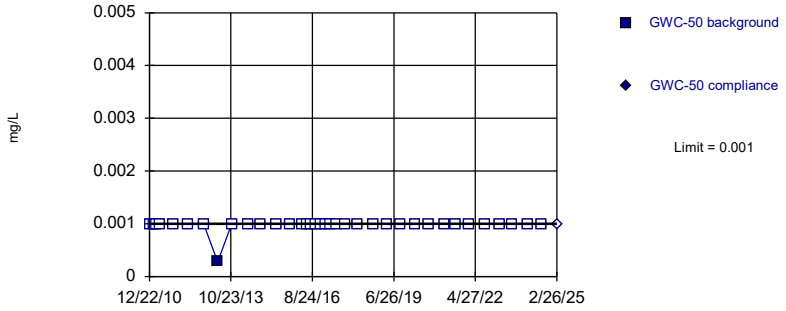
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 97.22% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Thallium Analysis Run 4/24/2025 10:36 AM View: Appendix I

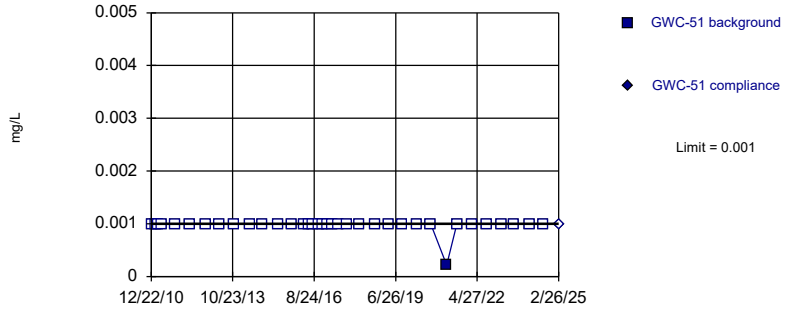
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 97.22% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Thallium Analysis Run 4/24/2025 10:36 AM View: Appendix I

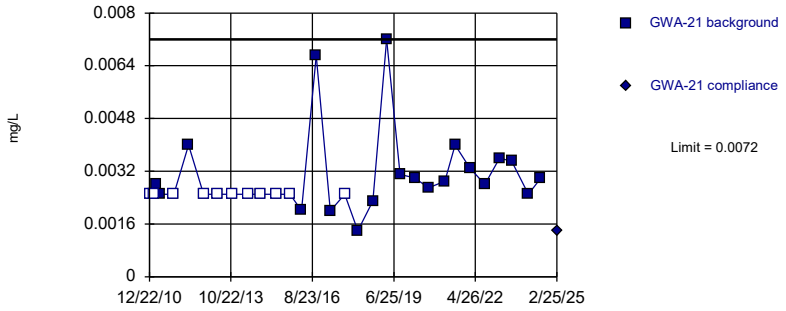
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 31 background values. 35.48% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

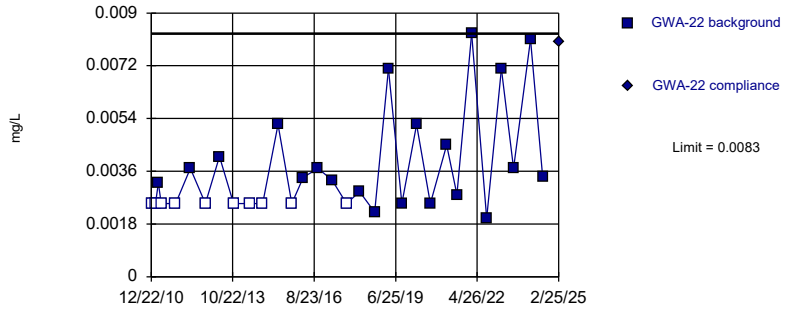
Constituent: Vanadium Analysis Run 4/24/2025 10:36 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 31 background values. 32.26% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

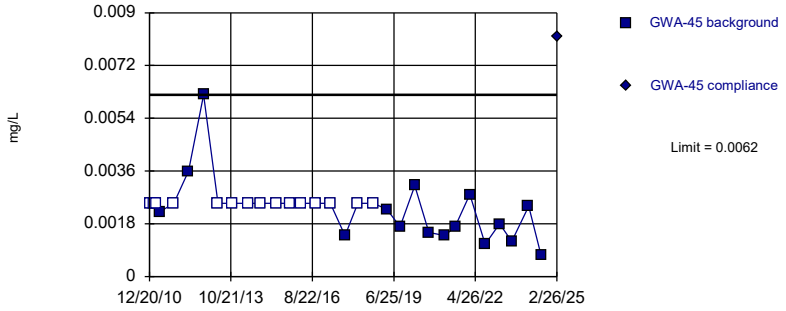
Constituent: Vanadium Analysis Run 4/24/2025 10:36 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Exceeds Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 31 background values. 48.39% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

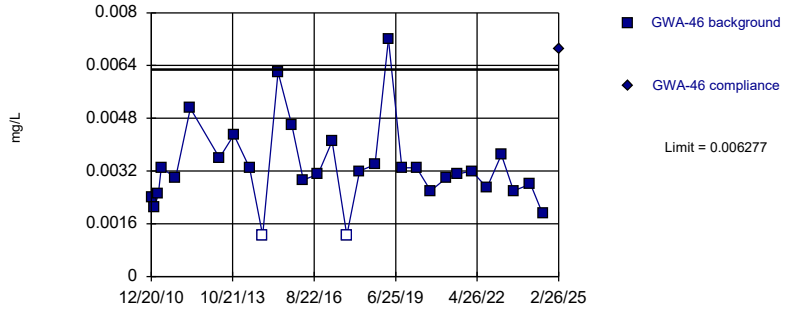
Constituent: Vanadium Analysis Run 4/24/2025 10:36 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=0.05652, Std. Dev.=0.01052, n=30, 6.667% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9401, critical = 0.9. Kappa = 2.16 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

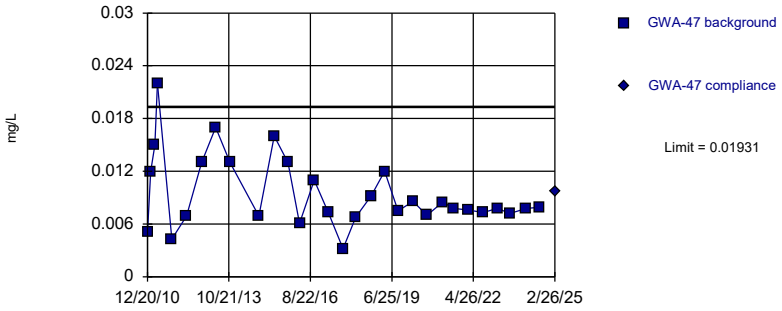
Constituent: Vanadium Analysis Run 4/24/2025 10:36 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=0.09539, Std. Dev.=0.02018, n=30. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9402, critical = 0.9. Kappa = 2.16 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

Constituent: Vanadium Analysis Run 4/24/2025 10:36 AM View: Appendix I

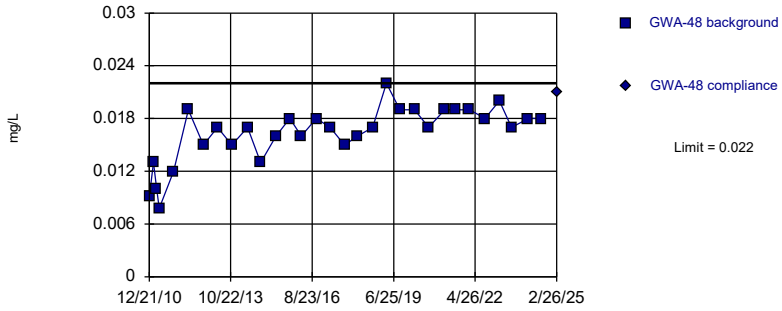
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square transformation): Mean=0.0002765, Std. Dev.=0.00009634, n=31. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9468, critical = 0.902. Kappa = 2.153 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

Constituent: Vanadium Analysis Run 4/24/2025 10:36 AM View: Appendix I

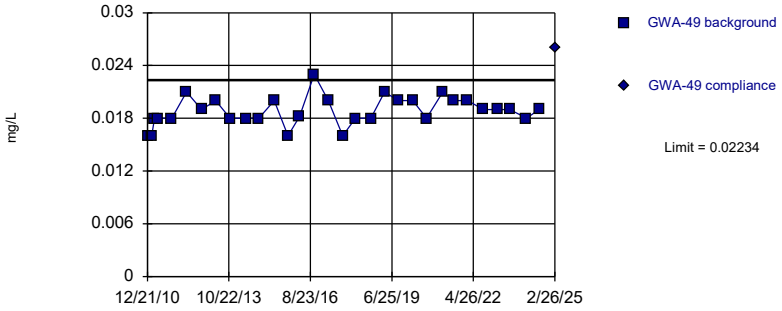
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.01881, Std. Dev.=0.001639, n=31. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.928, critical = 0.902. Kappa = 2.153 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

Constituent: Vanadium Analysis Run 4/24/2025 10:36 AM View: Appendix I

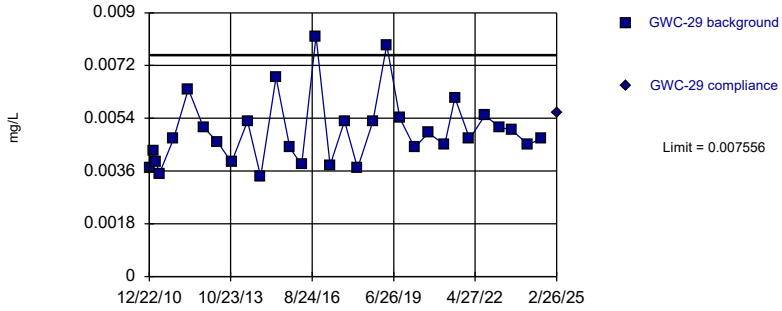
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=0.06977, Std. Dev.=0.007969, n=31. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9238, critical = 0.902. Kappa = 2.153 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

Constituent: Vanadium Analysis Run 4/24/2025 10:36 AM View: Appendix I

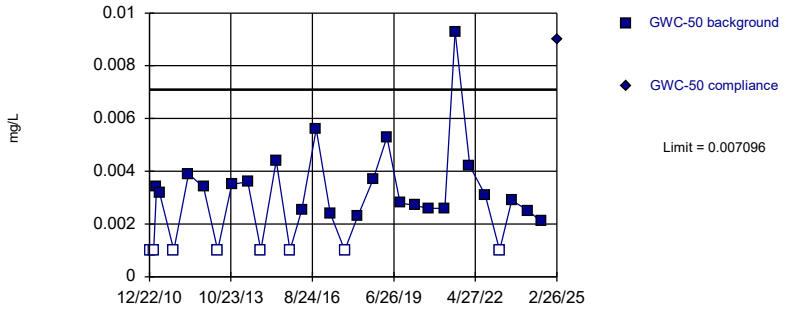
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation) (after Kaplan-Meier Adjustment): Mean=0.05081, Std. Dev.=0.01553, n=31, 25.81% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9083, critical = 0.902. Kappa = 2.153 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

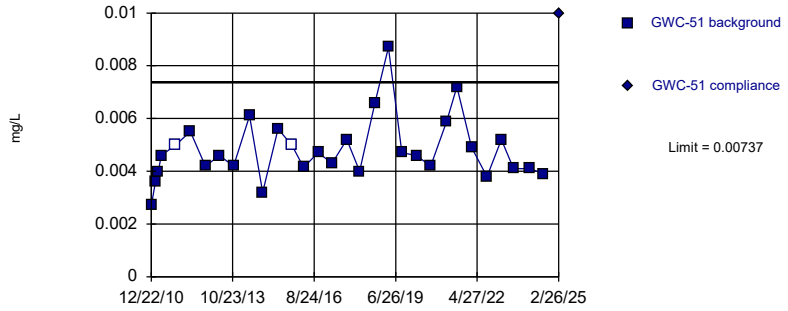
Constituent: Vanadium Analysis Run 4/24/2025 10:36 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.004792, Std. Dev.=0.001198, n=31, 6.452% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9087, critical = 0.902. Kappa = 2.153 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

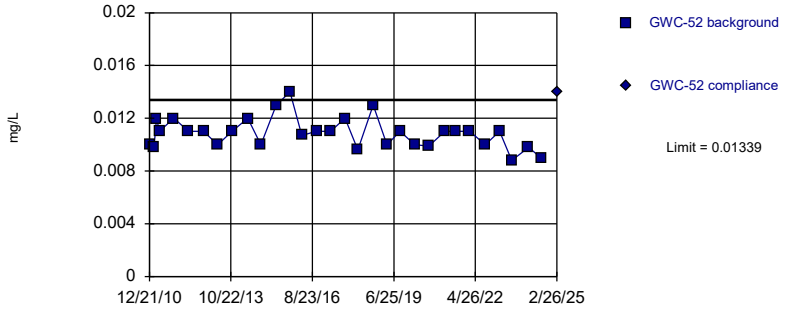
Constituent: Vanadium Analysis Run 4/24/2025 10:36 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.01086, Std. Dev.=0.001174, n=31. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9253, critical = 0.902. Kappa = 2.153 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

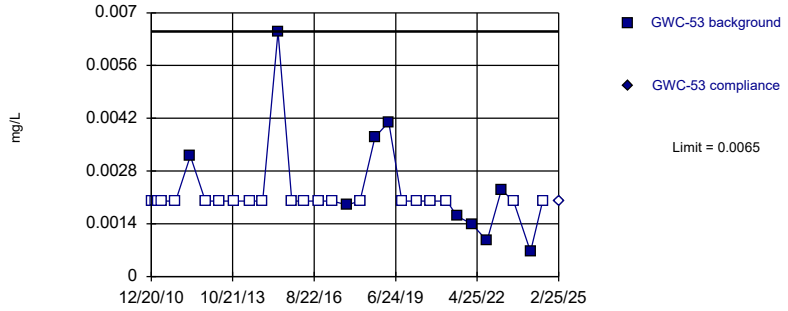
Constituent: Vanadium Analysis Run 4/24/2025 10:36 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 67.74% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

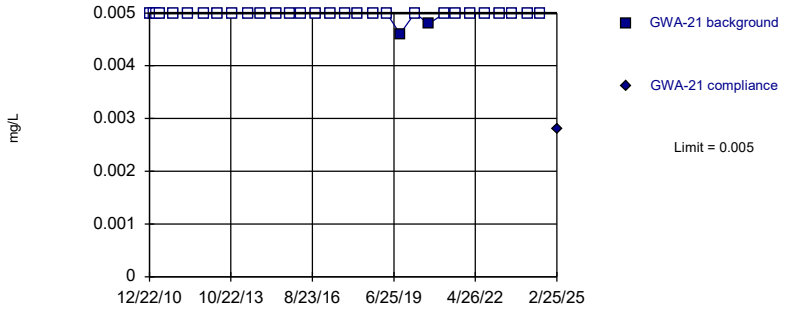
Constituent: Vanadium Analysis Run 4/24/2025 10:36 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 93.55% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

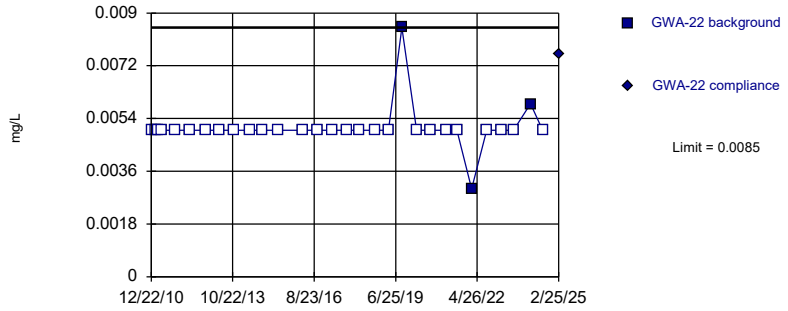
Constituent: Zinc Analysis Run 4/24/2025 10:37 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 90% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

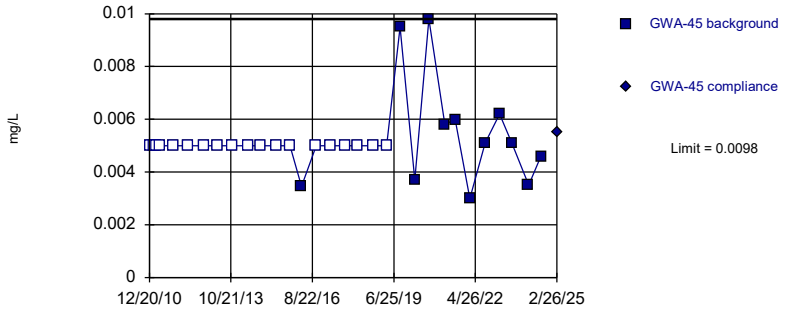
Constituent: Zinc Analysis Run 4/24/2025 10:37 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 61.29% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

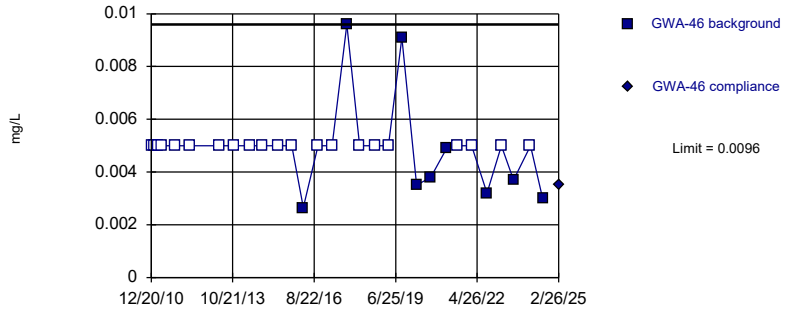
Constituent: Zinc Analysis Run 4/24/2025 10:37 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



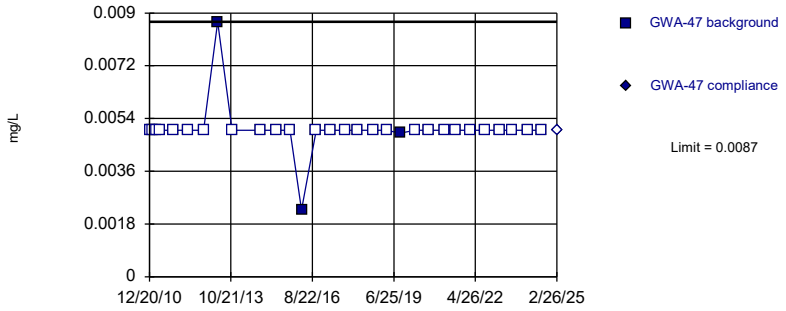
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 70% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

Constituent: Zinc Analysis Run 4/24/2025 10:37 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



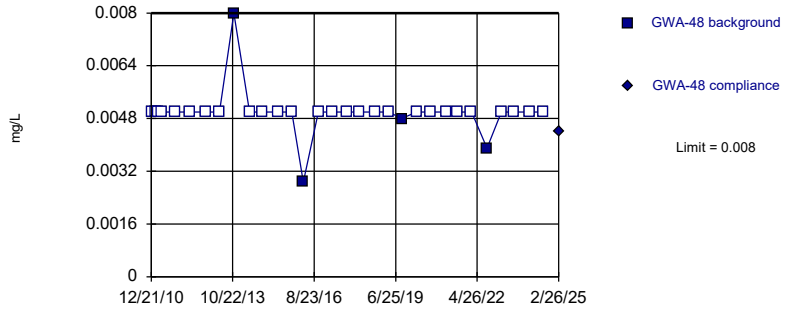
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 90% NDs. Well-constituent pair annual alpha = 0.004011. Individual comparison alpha = 0.002008 (1 of 2).

Constituent: Zinc Analysis Run 4/24/2025 10:37 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



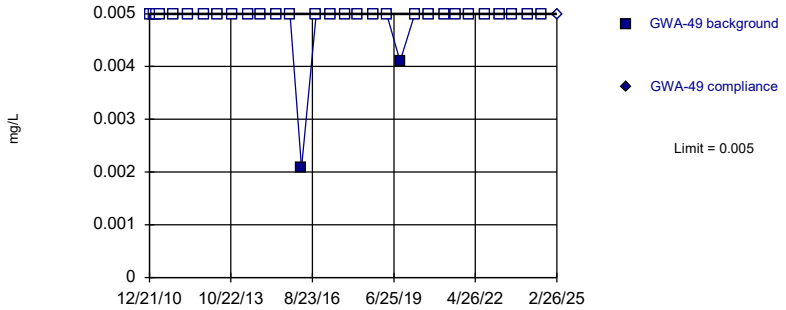
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 87.1% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

Constituent: Zinc Analysis Run 4/24/2025 10:37 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



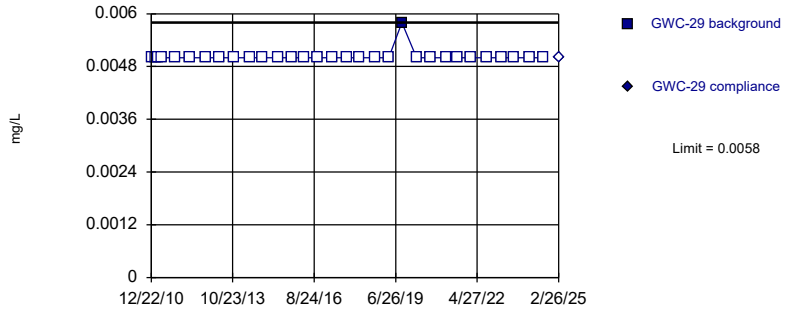
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 93.55% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

Constituent: Zinc Analysis Run 4/24/2025 10:37 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 96.77% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

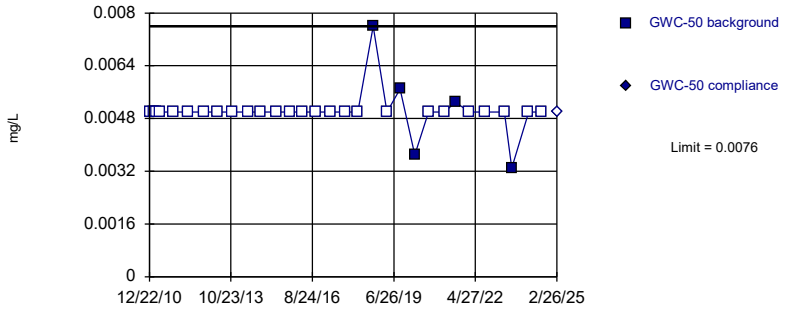
Constituent: Zinc Analysis Run 4/24/2025 10:37 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 83.87% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

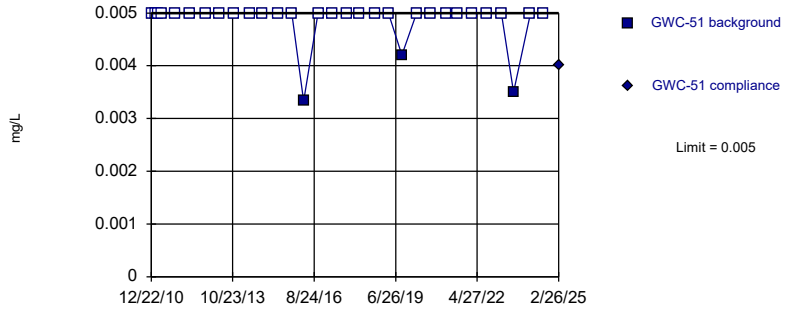
Constituent: Zinc Analysis Run 4/24/2025 10:37 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 90.32% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

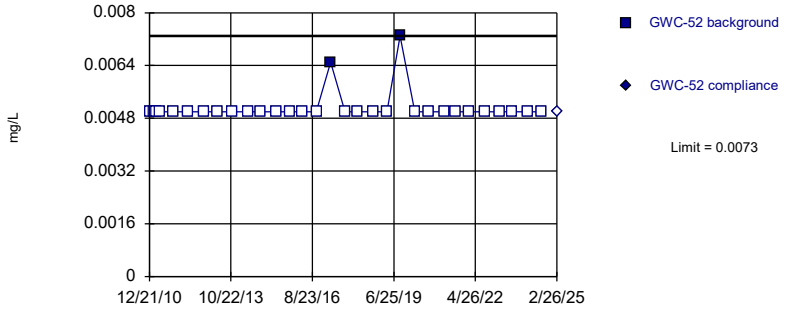
Constituent: Zinc Analysis Run 4/24/2025 10:37 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 93.55% NDs. Well-constituent pair annual alpha = 0.003807. Individual comparison alpha = 0.001905 (1 of 2).

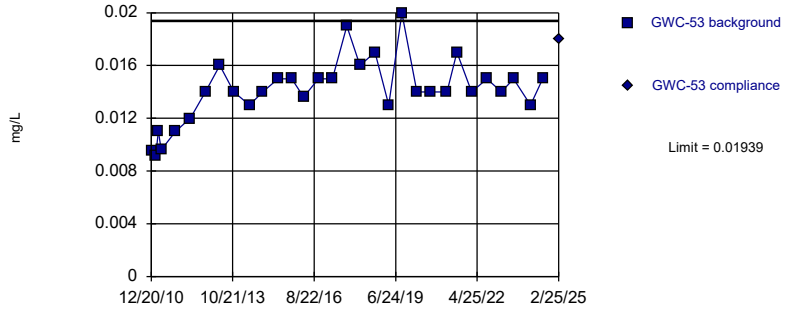
Constituent: Zinc Analysis Run 4/24/2025 10:37 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.01409, Std. Dev.=0.00246, n=31. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9445, critical = 0.902. Kappa = 2.153 (c=15, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.0007022.

Constituent: Zinc Analysis Run 4/24/2025 10:37 AM View: Appendix I
Plant Scherer Client: Southern Company Data: Scherer PAC

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/24/2025 10:38 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21	GWA-21
12/22/2010	<0.002	
2/14/2011	<0.002	
3/22/2011	<0.002	
4/26/2011	<0.002	
10/27/2011	<0.002	
5/1/2012	<0.002	
11/8/2012	<0.002	
5/7/2013	<0.002	
11/4/2013	<0.002	
5/24/2014	<0.002	
11/8/2014	<0.002	
5/21/2015	<0.002	
11/13/2015	<0.002	
4/6/2016	<0.002	
6/14/2016	<0.002	
8/10/2016	0.001 (J)	
10/11/2016	<0.002	
12/2/2016	<0.002	
2/10/2017	<0.002	
4/10/2017	<0.002	
6/23/2017	<0.002	
10/9/2017	<0.002	
3/26/2018	<0.002	
10/3/2018	<0.002	
3/27/2019	<0.002	
9/12/2019	<0.002	
3/19/2020	<0.002	
9/10/2020	<0.002	
4/2/2021	<0.002	
8/12/2021	<0.002	
2/14/2022	<0.002	
8/26/2022	<0.002	
2/28/2023	<0.002	
8/2/2023	<0.002	
2/29/2024	<0.002	
8/6/2024	<0.002	
2/25/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/24/2025 10:38 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-46	GWA-46
12/20/2010	<0.002	
2/1/2011	<0.002	
3/21/2011	<0.002	
4/26/2011	<0.002	
10/27/2011	<0.002	
5/2/2012	<0.002	
11/8/2012	<0.002	
5/7/2013	<0.002	
11/4/2013	<0.002	
5/24/2014	<0.002	
11/7/2014	<0.002	
5/20/2015	<0.002	
11/13/2015	<0.002	
4/7/2016	<0.002	
6/14/2016	0.0004 (J)	
8/9/2016	<0.002	
10/10/2016	<0.002	
12/2/2016	<0.002	
2/10/2017	<0.002	
4/7/2017	<0.002	
6/23/2017	<0.002	
10/10/2017	<0.002	
3/23/2018	<0.002	
10/4/2018	<0.002	
3/27/2019	<0.002	
9/12/2019	<0.002	
3/19/2020	<0.002	
9/11/2020	<0.002	
4/5/2021	<0.002	
8/12/2021	<0.002	
2/14/2022	<0.002	
8/31/2022	<0.002	
2/28/2023	<0.002	
8/3/2023	<0.002	
3/4/2024	<0.002	
8/8/2024	<0.002	
2/26/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/24/2025 10:38 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-47	GWA-47
12/20/2010	<0.002	
2/1/2011	<0.002	
3/23/2011	<0.002	
4/27/2011	<0.002	
10/26/2011	<0.002	
5/1/2012	<0.002	
11/8/2012	<0.002	
5/7/2013	<0.002	
11/5/2013	<0.002	
5/23/2014	<0.002	
11/7/2014	<0.002	
5/21/2015	<0.002	
11/12/2015	<0.002	
4/8/2016	<0.002	
6/14/2016	<0.002	
8/9/2016	<0.002	
10/11/2016	<0.002	
12/5/2016	<0.002	
2/10/2017	<0.002	
4/7/2017	<0.002	
6/22/2017	<0.002	
10/10/2017	<0.002	
3/22/2018	<0.002	
10/5/2018	<0.002	
3/27/2019	<0.002	
9/12/2019	<0.002	
3/20/2020	<0.002	
9/11/2020	<0.002	
4/5/2021	<0.002	
8/13/2021	<0.002	
2/14/2022	<0.002	
8/31/2022	0.00059 (JB)	
2/28/2023	<0.002	
8/3/2023	<0.002	
3/4/2024	<0.002	
8/8/2024	<0.002	
2/26/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/24/2025 10:38 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-48	GWA-48
12/21/2010	<0.002	
2/14/2011	<0.002	
3/23/2011	<0.002	
4/27/2011	<0.002	
10/25/2011	<0.002	
5/1/2012	<0.002	
11/8/2012	<0.002	
5/7/2013	<0.002	
11/5/2013	<0.002	
5/23/2014	<0.002	
11/7/2014	<0.002	
5/21/2015	<0.002	
11/12/2015	<0.002	
4/7/2016	<0.002	
6/17/2016	<0.002	
8/10/2016	<0.002	
10/14/2016	<0.002	
12/19/2016	<0.002	
2/13/2017	<0.002	
4/7/2017	<0.002	
6/22/2017	<0.002	
10/10/2017	<0.002	
3/23/2018	<0.002	
10/3/2018	<0.002	
3/27/2019	<0.002	
9/12/2019	<0.002	
3/19/2020	<0.002	
9/11/2020	<0.002	
4/5/2021	<0.002	
8/12/2021	<0.002	
2/14/2022	<0.002	
8/31/2022	0.00089 (JB)	
2/28/2023	<0.002	
8/3/2023	<0.002	
3/4/2024	<0.002	
8/8/2024	<0.002	
2/26/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 4/24/2025 10:38 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-51	GWC-51
12/22/2010	<0.002	
2/15/2011	<0.002	
3/22/2011	<0.002	
4/27/2011	<0.002	
10/26/2011	<0.002	
5/2/2012	<0.002	
11/8/2012	<0.002	
5/8/2013	<0.002	
11/4/2013	<0.002	
5/24/2014	<0.002	
11/7/2014	<0.002	
5/22/2015	<0.002	
11/13/2015	<0.002	
4/11/2016	<0.002	
6/16/2016	<0.002	
8/10/2016	<0.002	
10/13/2016	<0.002	
12/5/2016	<0.002	
2/13/2017	<0.002	
4/10/2017	<0.002	
6/23/2017	<0.002	
10/11/2017	<0.002	
3/26/2018	<0.002	
10/4/2018	<0.002	
3/27/2019	<0.002	
9/12/2019	<0.002	
3/19/2020	<0.002	
9/11/2020	<0.002	
4/5/2021	<0.002	
8/13/2021	<0.002	
2/15/2022	<0.002	
8/31/2022	0.00087 (JB)	
2/28/2023	<0.002	
8/3/2023	<0.002	
3/4/2024	<0.002	
8/8/2024	<0.002	
2/26/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/24/2025 10:38 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-22	GWA-22
12/22/2010	<0.001	
2/14/2011	<0.001	
3/22/2011	<0.001	
4/26/2011	<0.001	
10/27/2011	<0.001	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/7/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/8/2014	<0.001	
5/21/2015	<0.001	
11/13/2015	<0.001	
4/8/2016	<0.001	
6/14/2016	<0.001	
8/9/2016	<0.001	
10/11/2016	<0.001	
12/5/2016	<0.001	
2/10/2017	<0.001	
4/7/2017	<0.001	
6/26/2017	<0.001	
10/9/2017	<0.001	
3/26/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	<0.001	
4/2/2021	<0.001	
8/12/2021	<0.001	
2/15/2022	<0.001	
8/26/2022	<0.001	
2/28/2023	<0.001	
8/3/2023	<0.001	
3/4/2024	<0.001	
8/8/2024	0.00088 (J)	
2/25/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/24/2025 10:38 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-45	GWA-45
12/20/2010	<0.001	
2/14/2011	<0.001	
3/21/2011	<0.001	
4/26/2011	<0.001	
10/26/2011	<0.001	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/8/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/7/2014	<0.001	
5/20/2015	<0.001	
11/13/2015	<0.001	
4/7/2016	<0.001	
6/14/2016	<0.001	
8/9/2016	<0.001	
10/10/2016	<0.001	
12/2/2016	<0.001	
2/9/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/10/2017	0.0015	
3/22/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/11/2020	<0.001	
4/2/2021	<0.001	
8/12/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
2/28/2023	0.00035 (J)	
8/3/2023	<0.001	
3/4/2024	<0.001	
8/8/2024	0.0011	
2/26/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/24/2025 10:38 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-46	GWA-46
12/20/2010	<0.001	
2/1/2011	<0.001	
3/21/2011	<0.001	
4/26/2011	<0.001	
10/27/2011	<0.001	
5/2/2012	<0.001	
11/8/2012	<0.001	
5/7/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/7/2014	<0.001	
5/20/2015	<0.001	
11/13/2015	<0.001	
4/7/2016	<0.001	
6/14/2016	<0.001	
8/9/2016	<0.001	
10/10/2016	<0.001	
12/2/2016	<0.001	
2/10/2017	<0.001	
4/7/2017	<0.001	
6/23/2017	<0.001	
10/10/2017	<0.001	
3/23/2018	<0.001	
10/4/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/11/2020	<0.001	
4/5/2021	<0.001	
8/12/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
2/28/2023	<0.001	
8/3/2023	<0.001	
3/4/2024	<0.001	
8/8/2024	0.0013	
2/26/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/24/2025 10:38 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-47	GWA-47
12/20/2010	<0.001	
2/1/2011	<0.001	
3/23/2011	<0.001	
4/27/2011	<0.001	
10/26/2011	<0.001	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/7/2013	<0.001	
11/5/2013	<0.001	
5/23/2014	<0.001	
11/7/2014	<0.001	
5/21/2015	<0.001	
11/12/2015	<0.001	
4/8/2016	<0.001	
6/14/2016	<0.001	
8/9/2016	<0.001	
10/11/2016	<0.001	
12/5/2016	<0.001	
2/10/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/10/2017	<0.001	
3/22/2018	<0.001	
10/5/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/20/2020	<0.001	
9/11/2020	<0.001	
4/5/2021	<0.001	
8/13/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
2/28/2023	<0.001	
8/3/2023	<0.001	
3/4/2024	<0.001	
8/8/2024	0.0011	
2/26/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/24/2025 10:38 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-48	GWA-48
12/21/2010	<0.001	
2/14/2011	<0.001	
3/23/2011	<0.001	
4/27/2011	<0.001	
10/25/2011	<0.001	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/7/2013	<0.001	
11/5/2013	<0.001	
5/23/2014	<0.001	
11/7/2014	<0.001	
5/21/2015	<0.001	
11/12/2015	<0.001	
4/7/2016	<0.001	
6/17/2016	<0.001	
8/10/2016	<0.001	
10/14/2016	<0.001	
12/19/2016	<0.001	
2/13/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/10/2017	<0.001	
3/23/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/11/2020	<0.001	
4/5/2021	0.00031 (J)	
8/12/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
2/28/2023	<0.001	
8/3/2023	<0.001	
3/4/2024	<0.001	
8/8/2024	0.00089 (J)	
2/26/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/24/2025 10:38 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-49	GWA-49
12/21/2010	<0.001	
2/14/2011	<0.001	
3/21/2011	<0.001	
4/26/2011	<0.001	
10/26/2011	<0.001	
5/2/2012	<0.001	
11/8/2012	<0.001	
5/8/2013	<0.001	
11/5/2013	<0.001	
5/23/2014	<0.001	
11/7/2014	<0.001	
5/21/2015	<0.001	
11/12/2015	<0.001	
4/7/2016	<0.001	
6/14/2016	<0.001	
8/9/2016	0.00053 (J)	
10/11/2016	<0.001	
12/2/2016	<0.001	
2/9/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/10/2017	<0.001	
3/22/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	<0.001	
4/6/2021	<0.001	
8/12/2021	<0.001	
2/14/2022	<0.001	
8/30/2022	<0.001	
3/1/2023	<0.001	
8/3/2023	<0.001	
3/4/2024	<0.001	
8/9/2024	0.0011	
2/26/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/24/2025 10:38 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-29
12/22/2010	<0.001	
2/15/2011	<0.001	
3/22/2011	<0.001	
4/27/2011	<0.001	
10/26/2011	<0.001	
5/2/2012	<0.001	
11/8/2012	<0.001	
5/8/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/7/2014	<0.001	
5/22/2015	<0.001	
11/13/2015	<0.001	
4/11/2016	<0.001	
6/15/2016	<0.001	
8/10/2016	<0.001	
10/11/2016	<0.001	
12/5/2016	<0.001	
2/13/2017	<0.001	
4/10/2017	<0.001	
6/23/2017	<0.001	
10/10/2017	0.0013	
3/26/2018	<0.001	
10/4/2018	<0.001	
3/28/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	<0.001	
4/6/2021	<0.001	
8/13/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
3/1/2023	<0.001	
8/3/2023	<0.001	
3/4/2024	<0.001	
8/8/2024	0.0011	
2/26/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/24/2025 10:38 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-50	GWC-50
12/22/2010	<0.001	
2/15/2011	<0.001	
3/22/2011	<0.001	
4/27/2011	<0.001	
10/26/2011	<0.001	
5/2/2012	<0.001	
11/8/2012	<0.001	
5/8/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/8/2014	<0.001	
5/22/2015	<0.001	
11/13/2015	<0.001	
4/11/2016	<0.001	
6/15/2016	<0.001	
8/10/2016	<0.001	
10/11/2016	<0.001	
12/2/2016	<0.001	
2/13/2017	<0.001	
4/7/2017	0.00052 (J)	
6/22/2017	<0.001	
10/10/2017	<0.001	
3/23/2018	<0.001	
10/4/2018	<0.001	
3/28/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	<0.001	
4/6/2021	<0.001	
8/13/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
3/1/2023	<0.001	
8/3/2023	<0.001	
3/4/2024	<0.001	
8/8/2024	0.0011	
2/26/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/24/2025 10:38 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-52	GWC-52
12/21/2010	<0.001	
2/15/2011	<0.001	
3/21/2011	<0.001	
4/28/2011	<0.001	
10/26/2011	<0.001	
5/1/2012	<0.001	
11/9/2012	<0.001	
5/8/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/7/2014	<0.001	
5/22/2015	<0.001	
11/13/2015	<0.001	
4/11/2016	<0.001	
6/16/2016	<0.001	
8/11/2016	<0.001	
10/13/2016	<0.001	
12/5/2016	<0.001	
2/13/2017	<0.001	
4/11/2017	0.001 (J)	
6/24/2017	<0.001	
10/11/2017	<0.001	
3/26/2018	<0.001	
10/4/2018	<0.001	
3/28/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/11/2020	<0.001	
4/5/2021	<0.001	
8/17/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
3/1/2023	0.00031 (J)	
8/3/2023	<0.001	
3/4/2024	<0.001	
8/8/2024	0.001	
2/26/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 4/24/2025 10:38 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-53	GWC-53
12/20/2010	<0.001	
2/14/2011	<0.001	
3/21/2011	<0.001	
4/27/2011	<0.001	
10/26/2011	<0.001	
5/1/2012	<0.001	
11/9/2012	<0.001	
5/8/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/7/2014	<0.001	
5/20/2015	<0.001	
11/13/2015	<0.001	
4/8/2016	<0.001	
6/16/2016	<0.001	
8/11/2016	<0.001	
10/13/2016	<0.001	
12/6/2016	<0.001	
2/13/2017	0.0011 (J)	
4/11/2017	0.0013	
6/24/2017	<0.001	
10/11/2017	<0.001	
3/26/2018	<0.001	
10/4/2018	<0.001	
3/28/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/11/2020	<0.001	
4/6/2021	<0.001	
8/13/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
2/28/2023	<0.001	
8/3/2023	<0.001	
3/4/2024	<0.001	
8/8/2024	0.0011	
2/25/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/24/2025 10:38 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21	GWA-21
12/22/2010	0.026 (J)	
2/14/2011	0.022 (J)	
3/22/2011	0.02 (J)	
4/26/2011	0.019 (I)	
10/27/2011	0.021	
5/1/2012	0.017	
11/8/2012	0.023	
5/7/2013	0.021	
11/4/2013	0.018	
5/24/2014	0.022	
11/8/2014	0.02	
5/21/2015	0.022	
11/13/2015	0.025	
4/6/2016	0.0239	
6/14/2016	0.021	
8/10/2016	0.019	
10/11/2016	0.02	
12/2/2016	0.022 (B)	
2/10/2017	0.03	
4/10/2017	0.025	
6/23/2017	0.026	
10/9/2017	0.025	
3/26/2018	0.026	
10/3/2018	0.022 (O)	
3/27/2019	0.024	
9/12/2019	0.025	
3/19/2020	0.027	
9/10/2020	0.023	
4/2/2021	0.02	
8/12/2021	0.023	
2/14/2022	0.024	
8/26/2022	0.026	
2/28/2023	0.022	
8/2/2023	0.018	
2/29/2024	0.021	
8/6/2024	0.019	
2/25/2025		0.019

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/24/2025 10:38 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-22	GWA-22
12/22/2010	0.028 (J)	
2/14/2011	0.025 (J)	
3/22/2011	0.029 (J)	
4/26/2011	0.031 (I)	
10/27/2011	0.027	
5/1/2012	0.022	
11/8/2012	0.024	
5/7/2013	0.027	
11/4/2013	0.024	
5/24/2014	0.025	
11/8/2014	0.023	
5/21/2015	0.023	
11/13/2015	0.023	
4/8/2016	0.0244	
6/14/2016	0.023	
8/9/2016	0.026	
10/11/2016	0.022	
12/5/2016	0.025	
2/10/2017	0.026	
4/7/2017	0.021	
6/26/2017	0.028	
10/9/2017	0.021	
3/26/2018	0.022	
10/3/2018	0.022	
3/27/2019	0.022	
9/12/2019	0.023	
3/19/2020	0.024	
9/10/2020	0.022	
4/2/2021	0.023	
8/12/2021	0.024	
2/15/2022	0.032	
8/26/2022	0.021	
2/28/2023	0.02	
8/3/2023	0.018	
3/4/2024	0.022	
8/8/2024	0.023	
2/25/2025		0.024

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/24/2025 10:38 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-45	GWA-45
12/20/2010	0.024 (J)	
2/14/2011	0.023 (J)	
3/21/2011	0.021 (J)	
4/26/2011	0.019 (I)	
10/26/2011	0.023	
5/1/2012	0.014	
11/8/2012	0.034	
5/8/2013	0.016	
11/4/2013	0.014	
5/24/2014	0.027	
11/7/2014	0.03	
5/20/2015	0.029	
11/13/2015	0.041	
4/7/2016	0.0381	
6/14/2016	0.034	
8/9/2016	0.032	
10/10/2016	0.037	
12/2/2016	0.038 (B)	
2/9/2017	0.048	
4/7/2017	0.045	
6/22/2017	0.049	
10/10/2017	0.044	
3/22/2018	0.05	
10/3/2018	0.042	
3/27/2019	0.057	
9/12/2019	0.1 (O)	
12/2/2019	0.11 (O)	
3/19/2020	0.11 (O)	
9/11/2020	0.15 (O)	
4/2/2021	0.11 (O)	
8/12/2021	0.091	
2/14/2022	0.077	
8/31/2022	0.065	
2/28/2023	0.056	
8/3/2023	0.055	
3/4/2024	0.057	
8/8/2024	0.048	
2/26/2025		0.052

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/24/2025 10:38 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-46	GWA-46
12/20/2010	0.019 (J)	
2/1/2011	0.017 (J)	
3/21/2011	0.019 (J)	
4/26/2011	0.02 (I)	
10/27/2011	0.018	
5/2/2012	0.017	
11/8/2012	0.048 (O)	
5/7/2013	0.02	
11/4/2013	0.019	
5/24/2014	0.019	
11/7/2014	0.019	
5/20/2015	0.018	
11/13/2015	0.02	
4/7/2016	0.0207	
6/14/2016	0.019	
8/9/2016	0.017	
10/10/2016	0.02	
12/2/2016	0.02 (B)	
2/10/2017	0.018	
4/7/2017	0.02	
6/23/2017	0.021	
10/10/2017	0.018	
3/23/2018	0.02	
10/4/2018	0.019	
3/27/2019	0.021	
9/12/2019	0.022	
3/19/2020	0.023	
9/11/2020	0.022	
4/5/2021	0.022	
8/12/2021	0.023	
2/14/2022	0.024	
8/31/2022	0.022	
2/28/2023	0.022	
8/3/2023	0.021	
3/4/2024	0.022	
8/8/2024	0.024	
2/26/2025		0.023

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/24/2025 10:38 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-47	GWA-47
12/20/2010	0.029 (J)	
2/1/2011	0.038 (J)	
3/23/2011	0.045 (J)	
4/27/2011	0.043 (I)	
10/26/2011	0.023	
5/1/2012	0.021	
11/8/2012	0.038	
5/7/2013	0.042	
11/5/2013	0.039	
5/23/2014	0.088 (O)	
11/7/2014	0.027	
5/21/2015	0.036	
11/12/2015	0.038	
4/8/2016	0.0261	
6/14/2016	0.023	
8/9/2016	0.026	
10/11/2016	0.03	
12/5/2016	0.026	
2/10/2017	0.023	
4/7/2017	0.024	
6/22/2017	0.025	
10/10/2017	0.022	
3/22/2018	0.024	
10/5/2018	0.026	
3/27/2019	0.026	
9/12/2019	0.028	
3/20/2020	0.029	
9/11/2020	0.026	
4/5/2021	0.028	
8/13/2021	0.026	
2/14/2022	0.029	
8/31/2022	0.031	
2/28/2023	0.027	
8/3/2023	0.027 (B)	
3/4/2024	0.032	
8/8/2024	0.038	
2/26/2025		0.031

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/24/2025 10:38 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-48	GWA-48
12/21/2010	0.055 (JO)	
2/14/2011	0.05 (JO)	
3/23/2011	0.031 (J)	
4/27/2011	0.015 (I)	
10/25/2011	0.02	
5/1/2012	0.017	
11/8/2012	0.012	
5/7/2013	0.022	
11/5/2013	0.012	
5/23/2014	0.02	
11/7/2014	0.012	
5/21/2015	0.011	
11/12/2015	0.012	
4/7/2016	0.0116	
6/17/2016	0.012	
8/10/2016	0.012	
10/14/2016	0.016	
12/19/2016	0.012	
2/13/2017	0.017	
4/7/2017	0.011	
6/22/2017	0.014	
10/10/2017	0.012	
3/23/2018	0.012	
10/3/2018	0.012	
3/27/2019	0.013	
9/12/2019	0.016	
3/19/2020	0.02	
9/11/2020	0.013	
4/5/2021	0.015	
8/12/2021	0.013	
2/14/2022	0.014	
8/31/2022	0.016	
2/28/2023	0.014	
8/3/2023	0.013 (B)	
3/4/2024	0.015	
8/8/2024	0.015	
2/26/2025		0.014

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-49	GWA-49
12/21/2010	0.021 (J)	
2/14/2011	0.021 (J)	
3/21/2011	0.021 (J)	
4/26/2011	0.021 (I)	
10/26/2011	0.019	
5/2/2012	0.018	
11/8/2012	0.018	
5/8/2013	0.017	
11/5/2013	0.019	
5/23/2014	0.021	
11/7/2014	0.019	
5/21/2015	0.02	
11/12/2015	0.019	
4/7/2016	0.0201	
6/14/2016	0.017	
8/9/2016	0.017	
10/11/2016	0.02	
12/2/2016	0.02 (B)	
2/9/2017	0.018	
4/7/2017	0.018	
6/22/2017	0.02	
10/10/2017	0.02	
3/22/2018	0.018	
10/3/2018	0.018	
3/27/2019	0.019	
9/12/2019	0.022	
3/19/2020	0.02	
9/10/2020	0.02	
4/6/2021	0.02	
8/12/2021	0.024	
2/14/2022	0.022	
8/30/2022	0.021	
3/1/2023	0.019	
8/3/2023	0.02	
3/4/2024	0.019	
8/9/2024	0.021	
2/26/2025		0.019

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-29
12/22/2010	0.016 (J)	
2/15/2011	0.016 (J)	
3/22/2011	0.014 (J)	
4/27/2011	0.016 (I)	
10/26/2011	0.015	
5/2/2012	0.012	
11/8/2012	0.015	
5/8/2013	0.014	
11/4/2013	0.016	
5/24/2014	0.015	
11/7/2014	0.016	
5/22/2015	0.015	
11/13/2015	0.016	
4/11/2016	0.0167	
6/15/2016	0.015	
8/10/2016	0.015	
10/11/2016	0.017	
12/5/2016	0.017	
2/13/2017	0.016	
4/10/2017	0.015	
6/23/2017	0.017	
10/10/2017	0.016	
3/26/2018	0.015	
10/4/2018	0.018	
3/28/2019	0.017	
9/12/2019	0.019	
3/19/2020	0.019	
9/10/2020	0.02	
4/6/2021	0.018	
8/13/2021	0.021	
2/14/2022	0.02	
8/31/2022	0.025	
3/1/2023	0.02	
8/3/2023	0.019 (B)	
3/4/2024	0.025	
8/8/2024	0.02	
2/26/2025		0.018

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-50	GWC-50
12/22/2010	0.011 (J)	
2/15/2011	0.013 (J)	
3/22/2011	0.01 (J)	
4/27/2011	0.011 (I)	
10/26/2011	0.013	
5/2/2012	0.0084 (I)	
11/8/2012	0.012	
5/8/2013	0.013	
11/4/2013	0.012	
5/24/2014	0.012	
11/8/2014	0.01	
5/22/2015	0.011	
11/13/2015	0.011	
4/11/2016	0.0132	
6/15/2016	0.011	
8/10/2016	0.012	
10/11/2016	0.012	
12/2/2016	0.012 (B)	
2/13/2017	0.013	
4/7/2017	0.01	
6/22/2017	0.012	
10/10/2017	0.011	
3/23/2018	0.011	
10/4/2018	0.012	
3/28/2019	0.012	
9/12/2019	0.013	
3/19/2020	0.013	
9/10/2020	0.013	
4/6/2021	0.013	
8/13/2021	0.029	
2/14/2022	0.018	
8/31/2022	0.015	
3/1/2023	0.038	
8/3/2023	0.013	
3/4/2024	0.014	
8/8/2024	0.014	
2/26/2025		0.014

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-51	GWC-51
12/22/2010	0.011 (J)	
2/15/2011	0.013 (J)	
3/22/2011	0.01 (J)	
4/27/2011	0.011 (I)	
10/26/2011	0.0099 (J)	
5/2/2012	0.0085 (I)	
11/8/2012	0.01	
5/8/2013	0.0094 (J)	
11/4/2013	0.0094 (J)	
5/24/2014	0.0094 (J)	
11/7/2014	0.0094 (J)	
5/22/2015	0.0092 (J)	
11/13/2015	0.0095 (J)	
4/11/2016	0.0105	
6/16/2016	0.0089 (J)	
8/10/2016	0.0082	
10/13/2016	0.0088	
12/5/2016	0.01	
2/13/2017	0.0097	
4/10/2017	0.0082	
6/23/2017	0.01	
10/11/2017	0.0092	
3/26/2018	0.0094	
10/4/2018	0.0093	
3/27/2019	0.011	
9/12/2019	0.011	
3/19/2020	0.011	
9/11/2020	0.01	
4/5/2021	0.01	
8/13/2021	0.019	
2/15/2022	0.011	
8/31/2022	0.011	
2/28/2023	0.01	
8/3/2023	0.011	
3/4/2024	0.011	
8/8/2024	0.012	
2/26/2025		0.011

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-52	GWC-52
12/21/2010	0.01 (J)	
2/15/2011	0.0086 (J)	
3/21/2011	0.009 (J)	
4/28/2011	0.012 (I)	
10/26/2011	0.0093 (J)	
5/1/2012	0.0048 (I)	
11/9/2012	0.0091 (J)	
5/8/2013	0.0096 (J)	
11/4/2013	0.012	
5/24/2014	0.011	
11/7/2014	0.011	
5/22/2015	0.011	
11/13/2015	0.011	
4/11/2016	0.012	
6/16/2016	0.011	
8/11/2016	0.012 (B)	
10/13/2016	0.012	
12/5/2016	0.013	
2/13/2017	0.012	
4/11/2017	0.012	
6/24/2017	0.013	
10/11/2017	0.012	
3/26/2018	0.013	
10/4/2018	0.013	
3/28/2019	0.014	
9/12/2019	0.017	
3/19/2020	0.018	
9/11/2020	0.017	
4/5/2021	0.019	
8/17/2021	0.02	
2/14/2022	0.021	
8/31/2022	0.022	
3/1/2023		0.023
8/3/2023		0.021
3/4/2024		0.025
8/8/2024		0.029
2/26/2025		0.033

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-53	GWC-53
12/20/2010	0.11	
2/14/2011	0.1	
3/21/2011	0.1	
4/27/2011	0.091 (I)	
10/26/2011	0.1	
5/1/2012	0.095	
11/9/2012	0.093	
5/8/2013	0.077	
11/4/2013	0.083	
5/24/2014	0.07	
11/7/2014	0.065	
5/20/2015	0.058	
11/13/2015	0.058	
4/8/2016	0.0619	
6/16/2016	0.052	
8/11/2016	0.044 (B)	
10/13/2016	0.049	
12/6/2016	0.047	
2/13/2017	0.05	
4/11/2017	0.053	
6/24/2017	0.054	
10/11/2017	0.05	
3/26/2018	0.05	
10/4/2018	0.042	
3/28/2019	0.045	
9/12/2019	0.043	
3/19/2020	0.047	
9/11/2020	0.044	
4/6/2021	0.041	
8/13/2021	0.038	
2/14/2022	0.042	
8/31/2022	0.036	
2/28/2023		0.039
8/3/2023		0.033
3/4/2024		0.036
8/8/2024		0.036
2/25/2025		0.032

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-22	GWA-22
12/22/2010	<0.0025	
2/14/2011	<0.0025	
3/22/2011	<0.0025	
4/26/2011	<0.0025	
10/27/2011	<0.0025	
5/1/2012	<0.0025	
11/8/2012	<0.0025	
5/7/2013	<0.0025	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/8/2014	<0.0025	
5/21/2015	<0.0025	
11/13/2015	<0.0025	
4/8/2016	<0.0025	
6/14/2016	<0.0025	
8/9/2016	<0.0025	
10/11/2016	<0.0025	
12/5/2016	<0.0025	
2/10/2017	<0.0025	
4/7/2017	<0.0025	
6/26/2017	<0.0025	
10/9/2017	<0.0025	
3/26/2018	<0.0025	
10/3/2018	<0.0025	
3/27/2019	<0.0025	
9/12/2019	<0.0025	
3/19/2020	<0.0025	
9/10/2020	<0.0025	
4/2/2021	0.00019 (J)	
8/12/2021	<0.0025	
2/15/2022	<0.0025	
8/26/2022	<0.0025	
2/28/2023	<0.0025	
8/3/2023	<0.0025	
3/4/2024	<0.0025	
8/8/2024	<0.0025	
2/25/2025		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-45	GWA-45
12/20/2010	<0.0025	
2/14/2011	<0.0025	
3/21/2011	<0.0025	
4/26/2011	<0.0025	
10/26/2011	<0.0025	
5/1/2012	<0.0025	
11/8/2012	<0.0025	
5/8/2013	<0.0025	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/7/2014	<0.0025	
5/20/2015	<0.0025	
11/13/2015	<0.0025	
4/7/2016	<0.0025	
6/14/2016	<0.0025	
8/9/2016	<0.0025	
10/10/2016	<0.0025	
12/2/2016	<0.0025	
2/9/2017	<0.0025	
4/7/2017	<0.0025	
6/22/2017	<0.0025	
10/10/2017	<0.0025	
3/22/2018	<0.0025	
10/3/2018	<0.0025	
3/27/2019	<0.0025	
9/12/2019	<0.0025	
3/19/2020	<0.0025	
9/11/2020	<0.0025	
4/2/2021	<0.0025	
8/12/2021	<0.0025	
2/14/2022	<0.0025	
8/31/2022	<0.0025	
2/28/2023	<0.0025	
8/3/2023	<0.0025	
3/4/2024	<0.0025	
8/8/2024	<0.0025	
2/26/2025		0.00022 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Beryllium (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-51	GWC-51
12/22/2010	<0.0025	
2/15/2011	<0.0025	
3/22/2011	<0.0025	
4/27/2011	<0.0025	
10/26/2011	<0.0025	
5/2/2012	<0.0025	
11/8/2012	<0.0025	
5/8/2013	<0.0025	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/7/2014	<0.0025	
5/22/2015	<0.0025	
11/13/2015	<0.0025	
4/11/2016	<0.0025	
6/16/2016	2E-05 (J)	
8/10/2016	<0.0025	
10/13/2016	<0.0025	
12/5/2016	<0.0025	
2/13/2017	<0.0025	
4/10/2017	<0.0025	
6/23/2017	<0.0025	
10/11/2017	<0.0025	
3/26/2018	<0.0025	
10/4/2018	<0.0025	
3/27/2019	<0.0025	
9/12/2019	<0.0025	
3/19/2020	<0.0025	
9/11/2020	<0.0025	
4/5/2021	<0.0025	
8/13/2021	<0.0025	
2/15/2022	<0.0025	
8/31/2022	<0.0025	
2/28/2023	<0.0025	
8/3/2023	<0.0025	
3/4/2024	<0.0025	
8/8/2024	<0.0025	
2/26/2025		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-47	GWA-47
12/20/2010	<0.0025	
2/1/2011	<0.0025	
3/23/2011	<0.0025	
4/27/2011	<0.0025	
10/26/2011	<0.0025	
5/1/2012	<0.0025	
11/8/2012	<0.0025	
5/7/2013	<0.0025	
11/5/2013	<0.0025	
5/23/2014	<0.0025	
11/7/2014	<0.0025	
5/21/2015	<0.0025	
11/12/2015	<0.0025	
4/8/2016	<0.0025	
6/14/2016	<0.0025	
8/9/2016	<0.0025	
10/11/2016	<0.0025	
12/5/2016	<0.0025	
2/10/2017	<0.0025	
4/7/2017	0.0016 (J)	
6/22/2017	<0.0025	
10/10/2017	<0.0025	
3/22/2018	<0.0025	
10/5/2018	<0.0025	
3/27/2019	<0.0025	
9/12/2019	<0.0025	
3/20/2020	<0.0025	
9/11/2020	<0.0025	
4/5/2021	<0.0025	
8/13/2021	<0.0025	
2/14/2022	<0.0025	
8/31/2022	<0.0025	
2/28/2023	<0.0025	
8/3/2023	<0.0025	
3/4/2024	<0.0025	
8/8/2024	<0.0025	
2/26/2025		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-50	GWC-50
12/22/2010	<0.0025	
2/15/2011	<0.0025	
3/22/2011	<0.0025	
4/27/2011	<0.0025	
10/26/2011	<0.0025	
5/2/2012	<0.0025	
11/8/2012	<0.0025	
5/8/2013	<0.0025	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/8/2014	<0.0025	
5/22/2015	<0.0025	
11/13/2015	<0.0025	
4/11/2016	<0.0025	
6/15/2016	7.4E-05 (J)	
8/10/2016	<0.0025	
10/11/2016	<0.0025	
12/2/2016	<0.0025	
2/13/2017	<0.0025	
4/7/2017	<0.0025	
6/22/2017	<0.0025	
10/10/2017	<0.0025	
3/23/2018	<0.0025	
10/4/2018	<0.0025	
3/28/2019	<0.0025	
9/12/2019	<0.0025	
3/19/2020	<0.0025	
9/10/2020	<0.0025	
4/6/2021	<0.0025	
8/13/2021	<0.0025	
2/14/2022	<0.0025	
8/31/2022	<0.0025	
3/1/2023	<0.0025	
8/3/2023	<0.0025	
3/4/2024	<0.0025	
8/8/2024	<0.0025	
2/26/2025		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-52	GWC-52
12/21/2010	<0.0025	
2/15/2011	<0.0025	
3/21/2011	<0.0025	
4/28/2011	<0.0025	
10/26/2011	<0.0025	
5/1/2012	<0.0025	
11/9/2012	<0.0025	
5/8/2013	<0.0025	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/7/2014	<0.0025	
5/22/2015	<0.0025	
11/13/2015	<0.0025	
4/11/2016	<0.0025	
6/16/2016	0.00017 (J)	
8/11/2016	<0.0025	
10/13/2016	<0.0025	
12/5/2016	<0.0025	
2/13/2017	<0.0025	
4/11/2017	<0.0025	
6/24/2017	<0.0025	
10/11/2017	<0.0025	
3/26/2018	<0.0025	
10/4/2018	<0.0025	
3/28/2019	<0.0025	
9/12/2019	<0.0025	
3/19/2020	<0.0025	
9/11/2020	<0.0025	
4/5/2021	<0.0025	
8/17/2021	<0.0025	
2/14/2022	<0.0025	
8/31/2022	<0.0025	
3/1/2023	<0.0025	
8/3/2023	<0.0025	
3/4/2024	<0.0025	
8/8/2024	<0.0025	
2/26/2025		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cadmium (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-53	GWC-53
12/20/2010	<0.0025	
2/14/2011	<0.0025	
3/21/2011	<0.0025	
4/27/2011	<0.0025	
10/26/2011	<0.0025	
5/1/2012	<0.0025	
11/9/2012	<0.0025	
5/8/2013	<0.0025	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/7/2014	<0.0025	
5/20/2015	<0.0025	
11/13/2015	<0.0025	
4/8/2016	<0.0025	
6/16/2016	<0.0025	
8/11/2016	<0.0025	
10/13/2016	<0.0025	
12/6/2016	<0.0025	
2/13/2017	<0.0025	
4/11/2017	<0.0025	
6/24/2017	<0.0025	
10/11/2017	<0.0025	
3/26/2018	<0.0025	
10/4/2018	<0.0025	
3/28/2019	<0.0025	
9/12/2019	<0.0025	
3/19/2020	<0.0025	
9/11/2020	<0.0025	
4/6/2021	<0.0025	
8/13/2021	<0.0025	
2/14/2022	<0.0025	
8/31/2022	<0.0025	
2/28/2023	<0.0025	
8/3/2023	<0.0025	
3/4/2024	<0.0025	
8/8/2024	<0.0025	
2/25/2025		9E-05 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21	GWA-21
12/22/2010	0.0052	
2/14/2011	0.0057	
3/22/2011	0.0055	
4/26/2011	0.0069	
10/27/2011	0.011	
5/1/2012	0.0056	
11/8/2012	<0.002	
5/7/2013	0.0036 (J)	
11/4/2013	0.0032 (JV)	
5/24/2014	0.0043 (J)	
11/8/2014	<0.002	
5/21/2015	0.002 (J)	
11/13/2015	<0.002	
4/6/2016	0.00278 (J)	
6/14/2016	0.0014 (J)	
8/10/2016	0.0019 (J)	
10/11/2016	0.0024 (J)	
12/2/2016	0.0023 (J)	
2/10/2017	0.0021 (J)	
4/10/2017	0.002 (J)	
6/23/2017	0.0018 (J)	
10/9/2017	0.0016 (J)	
3/26/2018	0.0011 (J)	
10/3/2018	0.0014 (J)	
3/27/2019	0.003	
9/12/2019	0.0047 (B)	
3/19/2020	0.0026	
9/10/2020	0.0019 (J)	
4/2/2021	0.0029	
8/12/2021	0.0016 (J)	
2/14/2022	0.0026	
8/26/2022	0.0016 (J)	
2/28/2023	0.0024	
8/2/2023	0.0028	
2/29/2024	0.0021	
8/6/2024	0.0021	
2/25/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-22	GWA-22
12/22/2010	0.0029 (J)	
2/14/2011	0.0027 (J)	
3/22/2011	0.0049 (J)	
4/26/2011	0.0048 (I)	
10/27/2011	0.0023 (J)	
5/1/2012	0.0051	
11/8/2012	0.0034 (J)	
5/7/2013	0.0078	
11/4/2013	0.0055 (JV)	
5/24/2014	0.0075 (J)	
11/8/2014	0.0048 (J)	
5/21/2015	0.0082 (J)	
11/13/2015	0.0079 (J)	
4/8/2016	0.00878 (J)	
6/14/2016	0.0071 (J)	
8/9/2016	0.0079	
10/11/2016	0.0069	
12/5/2016	0.0077	
2/10/2017	0.0098	
4/7/2017	0.0081	
6/26/2017	0.0084	
10/9/2017	0.0082	
3/26/2018	0.0088	
10/3/2018	0.0086	
3/27/2019	0.0078	
9/12/2019	0.0092 (B)	
3/19/2020	0.011	
9/10/2020	0.0077	
4/2/2021	0.01	
8/12/2021	0.008	
2/15/2022	0.013	
8/26/2022	0.0078	
2/28/2023	0.01	
8/3/2023	0.0089	
3/4/2024	0.011	
8/8/2024	0.013	
2/25/2025		0.01

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-45	GWA-45
12/20/2010	<0.002	
2/14/2011	<0.002	
3/21/2011	<0.002	
4/26/2011	<0.002	
10/26/2011	<0.002	
5/1/2012	<0.002	
11/8/2012	<0.002	
5/8/2013	<0.002	
11/4/2013	<0.002	
5/24/2014	<0.002	
11/7/2014	<0.002	
5/20/2015	0.0025 (J)	
11/13/2015	0.0042 (J)	
4/7/2016	<0.002	
6/14/2016	0.00055 (J)	
8/9/2016	<0.002	
10/10/2016	<0.002	
12/2/2016	<0.002	
2/9/2017	<0.002	
4/7/2017	<0.002	
6/22/2017	<0.002	
10/10/2017	<0.002	
3/22/2018	<0.002	
10/3/2018	<0.002	
3/27/2019	<0.002	
9/12/2019	<0.002	
3/19/2020	<0.002	
9/11/2020	<0.002	
4/2/2021	<0.002	
8/12/2021	<0.002	
2/14/2022	<0.002	
8/31/2022	<0.002	
2/28/2023	<0.002	
8/3/2023	0.0012 (J)	
3/4/2024	0.0016 (J)	
8/8/2024	<0.002	
2/26/2025		0.0012 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-46	GWA-46
12/20/2010	0.0036 (J)	
2/1/2011	0.0037 (J)	
3/21/2011	0.004 (J)	
4/26/2011	0.0037 (I)	
10/27/2011	0.0047 (J)	
5/2/2012	0.005	
11/8/2012	0.0081	
5/7/2013	0.0035 (J)	
11/4/2013	0.0056 (JV)	
5/24/2014	0.005 (J)	
11/7/2014	0.004 (J)	
5/20/2015	0.0062 (J)	
11/13/2015	0.0067 (J)	
4/7/2016	0.00467 (J)	
6/14/2016	0.0041 (J)	
8/9/2016	0.0041	
10/10/2016	0.0041	
12/2/2016	0.0039	
2/10/2017	0.0044	
4/7/2017	0.0046	
6/23/2017	0.005	
10/10/2017	0.0088	
3/23/2018	0.0045	
10/4/2018	0.0047	
3/27/2019	0.0048	
9/12/2019	0.0051 (B)	
3/19/2020	0.0043	
9/11/2020	0.0042	
4/5/2021	0.0041	
8/12/2021	0.0045	
2/14/2022	0.0047	
8/31/2022	0.0048	
2/28/2023	0.0047	
8/3/2023	0.0053	
3/4/2024	0.0048	
8/8/2024	0.006	
2/26/2025		0.0048

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-47	GWA-47
12/20/2010	0.0064	
2/1/2011	0.015	
3/23/2011	0.0084	
4/27/2011	0.011	
10/26/2011	0.0061	
5/1/2012	0.0072	
11/8/2012	0.015	
5/7/2013	0.044	
11/5/2013	0.023	
5/23/2014	0.022	
11/7/2014	0.013	
5/21/2015	0.029	
11/12/2015	0.045	
4/8/2016	0.00752 (J)	
6/14/2016	0.007 (J)	
8/9/2016	0.008	
10/11/2016	0.0079	
12/5/2016	0.0057	
2/10/2017	0.0062	
4/7/2017	0.0072	
6/22/2017	0.0074	
10/10/2017	0.0072	
3/22/2018	0.0074	
10/5/2018	0.0083	
3/27/2019	0.0081	
9/12/2019	0.0088 (B)	
3/20/2020	0.0085	
9/11/2020	0.0081	
4/5/2021	0.0084	
8/13/2021	0.0082	
2/14/2022	0.0086	
8/31/2022	0.0084	
2/28/2023	0.0084	
8/3/2023	0.0092	
3/4/2024	0.01	
8/8/2024	0.012	
2/26/2025		0.01

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-48	GWA-48
12/21/2010	0.0094	
2/14/2011	0.028	
3/23/2011	0.0042 (J)	
4/27/2011	<0.005	
10/25/2011	0.0062	
5/1/2012	0.011	
11/8/2012	0.0089	
5/7/2013	0.019	
11/5/2013	0.0057 (JV)	
5/23/2014	0.0084 (J)	
11/7/2014	0.011	
5/21/2015	0.013	
11/12/2015	0.015	
4/7/2016	0.00498 (J)	
6/17/2016	0.004 (J)	
8/10/2016	0.0047	
10/14/2016	0.0056	
12/19/2016	0.0039	
2/13/2017	0.0059	
4/7/2017	0.0051	
6/22/2017	0.005	
10/10/2017	0.005	
3/23/2018	0.005	
10/3/2018	0.0051	
3/27/2019	0.0051	
9/12/2019	0.0085 (B)	
3/19/2020	0.0063	
9/11/2020	0.0053	
4/5/2021	0.0061	
8/12/2021	0.0058	
2/14/2022	0.0058	
8/31/2022	0.0059	
2/28/2023	0.0058	
8/3/2023	0.0056	
3/4/2024	0.0063	
8/8/2024	0.0061	
2/26/2025		0.0061

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-49	GWA-49
12/21/2010	0.0073	
2/14/2011	0.0051	
3/21/2011	0.0067	
4/26/2011	0.0065	
10/26/2011	0.0068	
5/2/2012	0.011	
11/8/2012	0.0052	
5/8/2013	0.0059	
11/5/2013	0.0044 (JV)	
5/23/2014	0.0087 (J)	
11/7/2014	0.0048 (J)	
5/21/2015	0.006 (J)	
11/12/2015	0.007 (J)	
4/7/2016	0.0056 (J)	
6/14/2016	0.0048 (J)	
8/9/2016	0.0053	
10/11/2016	0.0058	
12/2/2016	0.0071	
2/9/2017	0.0051	
4/7/2017	0.006	
6/22/2017	0.0056	
10/10/2017	0.0073	
3/22/2018	0.0051	
10/3/2018	0.0052	
3/27/2019	0.0056	
9/12/2019	0.0075 (B)	
3/19/2020	0.0055	
9/10/2020	0.0063	
4/6/2021	0.0055	
8/12/2021	0.0096	
2/14/2022	0.0076	
8/30/2022	0.0064	
3/1/2023	0.0057	
8/3/2023	0.0065	
3/4/2024	0.006	
8/9/2024	0.0059	
2/26/2025		0.0057

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-29
12/22/2010	0.0026 (J)	
2/15/2011	<0.002	
3/22/2011	<0.002	
4/27/2011	0.002 (I)	
10/26/2011	0.002 (J)	
5/2/2012	<0.002	
11/8/2012	<0.002	
5/8/2013	<0.002	
11/4/2013	0.0027 (JV)	
5/24/2014	0.0027 (J)	
11/7/2014	<0.002	
5/22/2015	0.0034 (J)	
11/13/2015	0.0038 (J)	
4/11/2016	<0.002	
6/15/2016	0.0015 (J)	
8/10/2016	0.0014 (J)	
10/11/2016	0.0017 (J)	
12/5/2016	0.0014 (J)	
2/13/2017	0.0016 (J)	
4/10/2017	0.0014 (J)	
6/23/2017	0.0014 (J)	
10/10/2017	0.0039	
3/26/2018	0.0013 (J)	
10/4/2018	0.0014 (J)	
3/28/2019	0.0012 (J)	
9/12/2019	0.0021 (JB)	
3/19/2020	<0.002	
9/10/2020	<0.002	
4/6/2021	<0.002	
8/13/2021	<0.002	
2/14/2022	<0.002	
8/31/2022	<0.002	
3/1/2023	<0.002	
8/3/2023	<0.002	
3/4/2024	0.0012 (J)	
8/8/2024	0.0012 (J)	
2/26/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-50	GWC-50
12/22/2010	0.0034 (J)	
2/15/2011	0.0034 (J)	
3/22/2011	0.0037 (J)	
4/27/2011	0.0038 (I)	
10/26/2011	0.0039 (J)	
5/2/2012	0.0044 (I)	
11/8/2012	0.0026 (J)	
5/8/2013	0.0038 (J)	
11/4/2013	0.0063 (JV)	
5/24/2014	0.0061 (J)	
11/8/2014	<0.002	
5/22/2015	0.0037 (J)	
11/13/2015	0.0055 (J)	
4/11/2016	0.00479 (J)	
6/15/2016	0.0041 (J)	
8/10/2016	0.0047	
10/11/2016	0.0048	
12/2/2016	0.0043	
2/13/2017	0.0047	
4/7/2017	0.0044	
6/22/2017	0.0045	
10/10/2017	0.005	
3/23/2018	0.0042	
10/4/2018	0.005	
3/28/2019	0.0043	
9/12/2019	0.006 (B)	
3/19/2020	0.0047	
9/10/2020	0.0047	
4/6/2021	0.0044	
8/13/2021	0.0089	
2/14/2022	0.0046	
8/31/2022	0.004	
3/1/2023	<0.002	
8/3/2023	0.0042	
3/4/2024	0.0042	
8/8/2024	0.0037	
2/26/2025		0.0032

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-51	GWC-51
12/22/2010	0.0036 (J)	
2/15/2011	0.0038 (J)	
3/22/2011	0.0022 (J)	
4/27/2011	0.0042 (I)	
10/26/2011	0.0042 (J)	
5/2/2012	0.0037 (I)	
11/8/2012	<0.01	
5/8/2013	0.0032 (J)	
11/4/2013	0.0063 (JV)	
5/24/2014	0.003 (J)	
11/7/2014	<0.01	
5/22/2015	0.0023 (J)	
11/13/2015	0.0042 (J)	
4/11/2016	0.00309 (J)	
6/16/2016	0.0025 (J)	
8/10/2016	0.0023 (J)	
10/13/2016	0.0028	
12/5/2016	0.0032	
2/13/2017	0.0021 (J)	
4/10/2017	0.0022 (J)	
6/23/2017	0.0025	
10/11/2017	0.0027	
3/26/2018	0.0028	
10/4/2018	0.0041	
3/27/2019	0.0044	
9/12/2019	0.0043 (B)	
3/19/2020	0.0032	
9/11/2020	0.0041	
4/5/2021	0.0054	
8/13/2021	0.0087	
2/15/2022	0.0054	
8/31/2022	0.0047	
2/28/2023	0.0047	
8/3/2023	0.0063	
3/4/2024	0.0064	
8/8/2024	0.0064	
2/26/2025		0.0078

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-52	GWC-52
12/21/2010	0.01	
2/15/2011	0.0087	
3/21/2011	0.0083	
4/28/2011	0.0076	
10/26/2011	0.0078	
5/1/2012	0.0049 (I)	
11/9/2012	0.0066	
5/8/2013	0.0082	
11/4/2013	0.013 (V)	
5/24/2014	0.012	
11/7/2014	0.0084 (J)	
5/22/2015	0.0096 (J)	
11/13/2015	0.011	
4/11/2016	0.0101	
6/16/2016	0.01	
8/11/2016	0.0097	
10/13/2016	0.012	
12/5/2016	0.012	
2/13/2017	0.011	
4/11/2017	0.011	
6/24/2017	0.0095	
10/11/2017	0.0096	
3/26/2018	0.012	
10/4/2018	0.016	
3/28/2019		0.019
9/12/2019		0.027 (B)
3/19/2020		0.029
9/11/2020		0.028
4/5/2021		0.031
8/17/2021		0.034
2/14/2022		0.036
8/31/2022		0.038
3/1/2023		0.038
8/3/2023		0.035
3/4/2024		0.033
8/8/2024		0.033
2/26/2025		0.026

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-53	GWC-53
12/20/2010	<0.002	
2/14/2011	<0.002	
3/21/2011	<0.002	
4/27/2011	<0.002	
10/26/2011	0.0033 (J)	
5/1/2012	0.0025 (I)	
11/9/2012	<0.002	
5/8/2013	<0.002	
11/4/2013	0.0035 (JV)	
5/24/2014	0.0027 (J)	
11/7/2014	<0.002	
5/20/2015	0.0021 (J)	
11/13/2015	0.0041 (J)	
4/8/2016	0.0053 (J)	
6/16/2016	0.0014 (J)	
8/11/2016	0.0013 (J)	
10/13/2016	0.0018 (J)	
12/6/2016	0.0014 (J)	
2/13/2017	0.0021 (J)	
4/11/2017	0.0012 (J)	
6/24/2017	0.0017 (J)	
10/11/2017	0.0013 (J)	
3/26/2018	0.0014 (J)	
10/4/2018	<0.002	
3/28/2019	<0.002	
9/12/2019	0.002 (JB)	
3/19/2020	<0.002	
9/11/2020	0.0023	
4/6/2021	<0.002	
8/13/2021	0.0019 (J)	
2/14/2022	0.0018 (J)	
8/31/2022	0.002	
2/28/2023	0.003	
8/3/2023	<0.002	
3/4/2024	0.0013 (J)	
8/8/2024	<0.002	
2/25/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21	GWA-21
12/22/2010	<0.0025	
2/14/2011	<0.0025	
3/22/2011	<0.0025	
4/26/2011	<0.0025	
10/27/2011	<0.0025	
5/1/2012	<0.0025	
11/8/2012	<0.0025	
5/7/2013	<0.0025	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/8/2014	<0.0025	
5/21/2015	<0.0025	
11/13/2015	<0.0025	
4/6/2016	<0.0025	
6/14/2016	6.6E-05 (J)	
8/10/2016	<0.0025	
10/11/2016	0.00047 (J)	
12/2/2016	0.0014 (J)	
2/10/2017	0.00052 (J)	
4/10/2017	<0.0025	
6/23/2017	<0.0025	
10/9/2017	0.00053 (J)	
3/26/2018	0.00088 (J)	
10/3/2018	0.0014 (J)	
3/27/2019	<0.0025	
9/12/2019	0.0004 (J)	
3/19/2020	0.00015 (J)	
9/10/2020	0.00019 (J)	
4/2/2021	0.00016 (J)	
8/12/2021	0.00028 (J)	
2/14/2022	<0.0025	
8/26/2022	<0.0025	
2/28/2023	<0.0025	
8/2/2023	<0.0025	
2/29/2024	<0.0025	
8/6/2024	0.00056 (J)	
2/25/2025		0.00023 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-22	GWA-22
12/22/2010	0.0038 (JO)	
2/14/2011	<0.0025	
3/22/2011	<0.0025	
4/26/2011	<0.0025	
10/27/2011	<0.0025	
5/1/2012	<0.0025	
11/8/2012	<0.0025	
5/7/2013	<0.0025	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/8/2014	<0.0025	
5/21/2015	<0.0025	
11/13/2015	<0.0025	
4/8/2016	<0.0025	
6/14/2016	0.00042 (J)	
8/9/2016	0.00068 (J)	
10/11/2016	<0.0025	
12/5/2016	0.0012 (J)	
2/10/2017	0.0013 (J)	
4/7/2017	<0.0025	
6/26/2017	0.00073 (J)	
10/9/2017	<0.0025	
3/26/2018	<0.0025	
10/3/2018	<0.0025	
3/27/2019	<0.0025	
9/12/2019	<0.0025	
3/19/2020	<0.0025	
9/10/2020	0.00014 (J)	
4/2/2021	0.00026 (J)	
8/12/2021	0.00015 (J)	
2/15/2022	0.00054 (J)	
8/26/2022	<0.0025	
2/28/2023	<0.0025	
8/3/2023	<0.0025	
3/4/2024	<0.0025	
8/8/2024	<0.0025	
2/25/2025		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-45	GWA-45
12/20/2010	0.012 (o)	
2/14/2011	0.0093 (Jo)	
3/21/2011	0.0076 (Jo)	
4/26/2011	0.0058 (Io)	
10/26/2011	0.005 (Jo)	
5/1/2012	0.0032 (I)	
11/8/2012	0.0034 (J)	
5/8/2013	<0.0025	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/7/2014	<0.0025	
5/20/2015	<0.0025	
11/13/2015	<0.0025	
4/7/2016	<0.0025	
6/14/2016	0.0031 (J)	
8/9/2016	0.0023 (J)	
10/10/2016	0.0024 (J)	
12/2/2016	0.0021 (J)	
2/9/2017	0.00096 (J)	
4/7/2017	0.0034	
6/22/2017	0.0029	
10/10/2017	0.0025	
3/22/2018	0.0015 (J)	
10/3/2018	0.0018 (J)	
3/27/2019	0.00083 (J)	
9/12/2019	0.0018 (J)	
3/19/2020	0.0005 (J)	
9/11/2020	0.0035	
4/2/2021	0.002 (J)	
8/12/2021	0.0024 (J)	
2/14/2022	0.00059 (J)	
8/31/2022	0.0012 (JB)	
2/28/2023	0.00097 (J)	
8/3/2023	0.0011 (J)	
3/4/2024	0.0004 (J)	
8/8/2024	0.0012 (J)	
2/26/2025		0.00072 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-46	GWA-46
12/20/2010	<0.0025	
2/1/2011	<0.0025	
3/21/2011	<0.0025	
4/26/2011	<0.0025	
10/27/2011	<0.0025	
5/2/2012	<0.0025	
11/8/2012	<0.0025	
5/7/2013	<0.0025	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/7/2014	<0.0025	
5/20/2015	<0.0025	
11/13/2015	<0.0025	
4/7/2016	<0.0025	
6/14/2016	3.8E-05 (J)	
8/9/2016	<0.0025	
10/10/2016	<0.0025	
12/2/2016	<0.0025	
2/10/2017	<0.0025	
4/7/2017	<0.0025	
6/23/2017	<0.0025	
10/10/2017	<0.0025	
3/23/2018	<0.0025	
10/4/2018	<0.0025	
3/27/2019	<0.0025	
9/12/2019	9.5E-05 (J)	
3/19/2020	0.00025 (J)	
9/11/2020	<0.0025	
4/5/2021	<0.0025	
8/12/2021	<0.0025	
2/14/2022	<0.0025	
8/31/2022	<0.0025	
2/28/2023	<0.0025	
8/3/2023	<0.0025	
3/4/2024	<0.0025	
8/8/2024	<0.0025	
2/26/2025		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-47	GWA-47
12/20/2010	0.0033 (JO)	
2/1/2011	0.003 (J)	
3/23/2011	<0.0025	
4/27/2011	<0.0025	
10/26/2011	<0.0025	
5/1/2012	<0.0025	
11/8/2012	<0.0025	
5/7/2013	<0.0025	
11/5/2013	<0.0025	
5/23/2014	0.0048 (JO)	
11/7/2014	<0.0025	
5/21/2015	<0.0025	
11/12/2015	<0.0025	
4/8/2016	<0.0025	
6/14/2016	4.2E-05 (J)	
8/9/2016	<0.0025	
10/11/2016	0.00052 (J)	
12/5/2016	<0.0025	
2/10/2017	<0.0025	
4/7/2017	<0.0025	
6/22/2017	<0.0025	
10/10/2017	<0.0025	
3/22/2018	<0.0025	
10/5/2018	<0.0025	
3/27/2019	<0.0025	
9/12/2019	0.00011 (J)	
3/20/2020	<0.0025	
9/11/2020	<0.0025	
4/5/2021	0.00017 (J)	
8/13/2021	<0.0025	
2/14/2022	<0.0025	
8/31/2022	<0.0025	
2/28/2023	<0.0025	
8/3/2023	<0.0025	
3/4/2024	<0.0025	
8/8/2024	<0.0025	
2/26/2025		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-48	GWA-48
12/21/2010	<0.0025	
2/14/2011	<0.0025	
3/23/2011	<0.0025	
4/27/2011	<0.0025	
10/25/2011	<0.0025	
5/1/2012	0.0039 (O)	
11/8/2012	<0.0025	
5/7/2013	<0.0025	
11/5/2013	<0.0025	
5/23/2014	<0.0025	
11/7/2014	<0.0025	
5/21/2015	<0.0025	
11/12/2015	<0.0025	
4/7/2016	<0.0025	
6/17/2016	0.00017 (J)	
8/10/2016	<0.0025	
10/14/2016	<0.0025	
12/19/2016	<0.0025	
2/13/2017	<0.0025	
4/7/2017	<0.0025	
6/22/2017	<0.0025	
10/10/2017	<0.0025	
3/23/2018	<0.0025	
10/3/2018	<0.0025	
3/27/2019	<0.0025	
9/12/2019	<0.0025	
3/19/2020	0.00029 (J)	
9/11/2020	<0.0025	
4/5/2021	0.00019 (J)	
8/12/2021	<0.0025	
2/14/2022	<0.0025	
8/31/2022	<0.0025	
2/28/2023	<0.0025	
8/3/2023	<0.0025	
3/4/2024	<0.0025	
8/8/2024	<0.0025	
2/26/2025		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-49	GWA-49
12/21/2010	<0.0025	
2/14/2011	<0.0025	
3/21/2011	<0.0025	
4/26/2011	<0.0025	
10/26/2011	<0.0025	
5/2/2012	<0.0025	
11/8/2012	<0.0025	
5/8/2013	<0.0025	
11/5/2013	<0.0025	
5/23/2014	<0.0025	
11/7/2014	<0.0025	
5/21/2015	<0.0025	
11/12/2015	<0.0025	
4/7/2016	<0.0025	
6/14/2016	<0.0025	
8/9/2016	<0.0025	
10/11/2016	<0.0025	
12/2/2016	0.0004 (J)	
2/9/2017	<0.0025	
4/7/2017	<0.0025	
6/22/2017	<0.0025	
10/10/2017	<0.0025	
3/22/2018	<0.0025	
10/3/2018	<0.0025	
3/27/2019	<0.0025	
9/12/2019	0.00017 (J)	
3/19/2020	<0.0025	
9/10/2020	0.0002 (J)	
4/6/2021	<0.0025	
8/12/2021	0.00072 (J)	
2/14/2022	0.00039 (J)	
8/30/2022	<0.0025	
3/1/2023	<0.0025	
8/3/2023	<0.0025	
3/4/2024	<0.0025	
8/9/2024	<0.0025	
2/26/2025		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-29
12/22/2010	<0.0025	
2/15/2011	<0.0025	
3/22/2011	<0.0025	
4/27/2011	<0.0025	
10/26/2011	<0.0025	
5/2/2012	<0.0025	
11/8/2012	<0.0025	
5/8/2013	<0.0025	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/7/2014	<0.0025	
5/22/2015	<0.0025	
11/13/2015	<0.0025	
4/11/2016	<0.0025	
6/15/2016	<0.0025	
8/10/2016	<0.0025	
10/11/2016	<0.0025	
12/5/2016	<0.0025	
2/13/2017	<0.0025	
4/10/2017	<0.0025	
6/23/2017	<0.0025	
10/10/2017	<0.0025	
3/26/2018	<0.0025	
10/4/2018	<0.0025	
3/28/2019	<0.0025	
9/12/2019	<0.0025	
3/19/2020	<0.0025	
9/10/2020	<0.0025	
4/6/2021	<0.0025	
8/13/2021	0.00015 (J)	
2/14/2022	<0.0025	
8/31/2022	<0.0025	
3/1/2023	<0.0025	
8/3/2023	<0.0025	
3/4/2024	<0.0025	
8/8/2024	<0.0025	
2/26/2025		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-50	GWC-50
12/22/2010	<0.0025	
2/15/2011	<0.0025	
3/22/2011	<0.0025	
4/27/2011	<0.0025	
10/26/2011	<0.0025	
5/2/2012	<0.0025	
11/8/2012	<0.0025	
5/8/2013	<0.0025	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/8/2014	<0.0025	
5/22/2015	<0.0025	
11/13/2015	<0.0025	
4/11/2016	<0.0025	
6/15/2016	<0.0025	
8/10/2016	<0.0025	
10/11/2016	<0.0025	
12/2/2016	<0.0025	
2/13/2017	<0.0025	
4/7/2017	<0.0025	
6/22/2017	<0.0025	
10/10/2017	<0.0025	
3/23/2018	<0.0025	
10/4/2018	<0.0025	
3/28/2019	<0.0025	
9/12/2019	<0.0025	
3/19/2020	<0.0025	
9/10/2020	<0.0025	
4/6/2021	<0.0025	
8/13/2021	0.00074 (J)	
2/14/2022	<0.0025	
8/31/2022	<0.0025	
3/1/2023	0.01	
8/3/2023	<0.0025	
3/4/2024	<0.0025	
8/8/2024	<0.0025	
2/26/2025		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-51	GWC-51
12/22/2010	<0.0025	
2/15/2011	<0.0025	
3/22/2011	<0.0025	
4/27/2011	<0.0025	
10/26/2011	<0.0025	
5/2/2012	<0.0025	
11/8/2012	<0.0025	
5/8/2013	<0.0025	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/7/2014	<0.0025	
5/22/2015	<0.0025	
11/13/2015	<0.0025	
4/11/2016	<0.0025	
6/16/2016	3.8E-05 (J)	
8/10/2016	<0.0025	
10/13/2016	<0.0025	
12/5/2016	<0.0025	
2/13/2017	<0.0025	
4/10/2017	<0.0025	
6/23/2017	<0.0025	
10/11/2017	<0.0025	
3/26/2018	<0.0025	
10/4/2018	<0.0025	
3/27/2019	<0.0025	
9/12/2019	0.00012 (J)	
3/19/2020	<0.0025	
9/11/2020	<0.0025	
4/5/2021	0.0002 (J)	
8/13/2021	0.00059 (J)	
2/15/2022	<0.0025	
8/31/2022	<0.0025	
2/28/2023	<0.0025	
8/3/2023	<0.0025	
3/4/2024	<0.0025	
8/8/2024	<0.0025	
2/26/2025		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-52	GWC-52
12/21/2010	<0.0025	
2/15/2011	<0.0025	
3/21/2011	<0.0025	
4/28/2011	<0.0025	
10/26/2011	<0.0025	
5/1/2012	<0.0025	
11/9/2012	<0.0025	
5/8/2013	<0.0025	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/7/2014	<0.0025	
5/22/2015	<0.0025	
11/13/2015	<0.0025	
4/11/2016	<0.0025	
6/16/2016	7E-05 (J)	
8/11/2016	<0.0025	
10/13/2016	<0.0025	
12/5/2016	<0.0025	
2/13/2017	<0.0025	
4/11/2017	<0.0025	
6/24/2017	<0.0025	
10/11/2017	<0.0025	
3/26/2018	<0.0025	
10/4/2018	<0.0025	
3/28/2019	<0.0025	
9/12/2019	<0.0025	
3/19/2020	<0.0025	
9/11/2020	<0.0025	
4/5/2021	<0.0025	
8/17/2021	<0.0025	
2/14/2022	<0.0025	
8/31/2022	<0.0025	
3/1/2023	<0.0025	
8/3/2023	<0.0025	
3/4/2024	<0.0025	
8/8/2024	<0.0025	
2/26/2025		<0.0025

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Cobalt (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-53	GWC-53
12/20/2010	0.0051 (J)	
2/14/2011	0.0038 (J)	
3/21/2011	0.0037 (J)	
4/27/2011	<0.0025	
10/26/2011	0.0046 (J)	
5/1/2012	0.0043 (I)	
11/9/2012	0.007 (J)	
5/8/2013	0.0047 (J)	
11/4/2013	0.0096 (J)	
5/24/2014	0.0097 (J)	
11/7/2014	0.012	
5/20/2015	0.011	
11/13/2015	0.013	
4/8/2016	0.00315 (J)	
6/16/2016	0.0062 (J)	
8/11/2016	0.0092	
10/13/2016	0.0045	
12/6/2016	0.0043	
2/13/2017	0.011	
4/11/2017	0.012	
6/24/2017	0.011	
10/11/2017	0.016	
3/26/2018	0.0069	
10/4/2018	0.016	
3/28/2019	0.011	
9/12/2019	0.011	
3/19/2020	0.0083	
9/11/2020	0.002 (J)	
4/6/2021	0.0062	
8/13/2021	0.015	
2/14/2022	0.011	
8/31/2022	0.014 (B)	
2/28/2023	0.0038	
8/3/2023	0.013	
3/4/2024	0.0067	
8/8/2024	0.01	
2/25/2025		0.012

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21	GWA-21
12/22/2010	<0.002	
2/14/2011	<0.002	
3/22/2011	<0.002	
4/26/2011	<0.002	
10/27/2011	<0.002	
5/1/2012	<0.002	
11/8/2012	<0.002	
5/7/2013	<0.002	
11/4/2013	<0.002	
5/24/2014	<0.002	
11/8/2014	<0.002	
5/21/2015	0.0028 (JO)	
11/13/2015	<0.002	
4/6/2016	<0.002	
10/11/2016	<0.002	
4/10/2017	<0.002	
10/9/2017	<0.002	
3/26/2018	<0.002	
10/3/2018	<0.002	
3/27/2019	<0.002	
9/12/2019	<0.002	
3/19/2020	<0.002	
9/10/2020	0.0023	
4/2/2021	<0.002	
8/12/2021	0.00066 (J)	
2/14/2022	<0.002	
8/26/2022	<0.002	
2/28/2023	<0.002	
8/2/2023	<0.002	
2/29/2024	<0.002	
8/6/2024	<0.002	
2/25/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-22	GWA-22
12/22/2010	<0.002	
2/14/2011	<0.002	
3/22/2011	<0.002	
4/26/2011	<0.002	
10/27/2011	<0.002	
5/1/2012	<0.002	
11/8/2012	<0.002	
5/7/2013	<0.002	
11/4/2013	<0.002	
5/24/2014	<0.002	
11/8/2014	<0.002	
5/21/2015	0.003 (J)	
11/13/2015	0.078 (O)	
4/8/2016	<0.002	
10/11/2016	<0.002	
4/7/2017	<0.002	
10/9/2017	<0.002	
3/26/2018	<0.002	
10/3/2018	<0.002	
3/27/2019	<0.002	
9/12/2019	<0.002	
3/19/2020	<0.002	
9/10/2020	<0.002	
4/2/2021	<0.002	
8/12/2021	<0.002	
2/15/2022	0.0015 (J)	
8/26/2022	<0.002	
2/28/2023	<0.002	
8/3/2023	<0.002	
3/4/2024	0.0025	
8/8/2024	<0.002	
2/25/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-45	GWA-45
12/20/2010	0.0021 (J)	
2/14/2011	<0.002	
3/21/2011	<0.002	
4/26/2011	<0.002	
10/26/2011	<0.002	
5/1/2012	<0.002	
11/8/2012	0.0034 (J)	
5/8/2013	<0.002	
11/4/2013	<0.002	
5/24/2014	<0.002	
11/7/2014	0.002 (J)	
5/20/2015	0.0024 (J)	
11/13/2015	<0.002	
4/7/2016	<0.002	
10/10/2016	<0.002	
4/7/2017	<0.002	
10/10/2017	<0.002	
3/22/2018	<0.002	
10/3/2018	<0.002	
3/27/2019	<0.002	
9/12/2019	<0.002	
3/19/2020	0.00072 (J)	
9/11/2020	0.002	
4/2/2021	<0.002	
8/12/2021	<0.002	
2/14/2022	<0.002	
8/31/2022	<0.002	
2/28/2023	<0.002	
8/3/2023	<0.002	
3/4/2024	0.0068	
8/8/2024	<0.002	
2/26/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-47	GWA-47
12/20/2010	0.0065 (J)	
2/1/2011	0.018	
3/23/2011	0.022	
4/27/2011	0.02	
10/26/2011	0.0025 (J)	
5/1/2012	0.0022 (I)	
11/8/2012	0.015	
5/7/2013	0.02	
11/5/2013	0.014	
5/23/2014	0.06 (O)	
11/7/2014	0.0032 (J)	
5/21/2015	0.017 (JV)	
11/12/2015	0.01 (J)	
4/8/2016	<0.002	
10/11/2016	0.0051	
4/7/2017	<0.002	
10/10/2017	<0.002	
3/22/2018	<0.002	
10/5/2018	<0.002	
3/27/2019	<0.002	
9/12/2019	<0.002	
3/20/2020	0.0011 (J)	
9/11/2020	<0.002	
4/5/2021	0.0019 (J)	
8/13/2021	<0.002	
2/14/2022	<0.002	
8/31/2022	<0.002	
2/28/2023	<0.002	
8/3/2023	<0.002	
3/4/2024	<0.002	
8/8/2024	<0.002	
2/26/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-48	GWA-48
12/21/2010	0.0084 (J)	
2/14/2011	0.013 (O)	
3/23/2011	0.0061 (J)	
4/27/2011	<0.002	
10/25/2011	0.002 (J)	
5/1/2012	0.0027 (I)	
11/8/2012	<0.002	
5/7/2013	0.0039 (J)	
11/5/2013	<0.002	
5/23/2014	0.0029 (J)	
11/7/2014	<0.002	
5/21/2015	0.0031 (J)	
11/12/2015	<0.002	
4/7/2016	<0.002	
10/14/2016	0.0024 (J)	
4/7/2017	<0.002	
10/10/2017	<0.002	
3/23/2018	<0.002	
10/3/2018	<0.002	
3/27/2019	<0.002	
9/12/2019	0.00083 (J)	
3/19/2020	0.0022	
9/11/2020	<0.002	
4/5/2021	0.00093 (J)	
8/12/2021	<0.002	
2/14/2022	<0.002	
8/31/2022	<0.002	
2/28/2023	<0.002	
8/3/2023	<0.002	
3/4/2024	<0.002	
8/8/2024	<0.002	
2/26/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-49	GWA-49
12/21/2010	<0.002	
2/14/2011	<0.002	
3/21/2011	<0.002	
4/26/2011	<0.002	
10/26/2011	<0.002	
5/2/2012	<0.002	
11/8/2012	<0.002	
5/8/2013	<0.002	
11/5/2013	<0.002	
5/23/2014	<0.002	
11/7/2014	<0.002	
5/21/2015	<0.002	
11/12/2015	<0.002	
4/7/2016	<0.002	
10/11/2016	<0.002	
4/7/2017	<0.002	
10/10/2017	<0.002	
3/22/2018	<0.002	
10/3/2018	<0.002	
3/27/2019	<0.002	
9/12/2019	<0.002	
3/19/2020	<0.002	
9/10/2020	<0.002	
4/6/2021	<0.002	
8/12/2021	0.0031	
2/14/2022	0.0014 (J)	
8/30/2022	<0.002	
3/1/2023	0.0011 (J)	
8/3/2023	<0.002	
3/4/2024	<0.002	
8/9/2024	<0.002	
2/26/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-50	GWC-50
12/22/2010	<0.002	
2/15/2011	<0.002	
3/22/2011	<0.002	
4/27/2011	<0.002	
10/26/2011	<0.002	
5/2/2012	<0.002	
11/8/2012	<0.002	
5/8/2013	<0.002	
11/4/2013	<0.002	
5/24/2014	<0.002	
11/8/2014	<0.002	
5/22/2015	0.0031 (JO)	
11/13/2015	<0.002	
4/11/2016	<0.002	
10/11/2016	<0.002	
4/7/2017	<0.002	
10/10/2017	<0.002	
3/23/2018	<0.002	
10/4/2018	<0.002	
3/28/2019	<0.002	
9/12/2019	<0.002	
3/19/2020	<0.002	
9/10/2020	<0.002	
4/6/2021	<0.002	
8/13/2021	0.0046	
2/14/2022	0.0013 (J)	
8/31/2022	<0.002	
3/1/2023	<0.002	
8/3/2023	<0.002	
3/4/2024	<0.002	
8/8/2024	<0.002	
2/26/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Copper (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-51	GWC-51
12/22/2010	<0.002	
2/15/2011	<0.002	
3/22/2011	<0.002	
4/27/2011	<0.002	
10/26/2011	<0.002	
5/2/2012	<0.002	
11/8/2012	<0.002	
5/8/2013	<0.002	
11/4/2013	<0.002	
5/24/2014	<0.002	
11/7/2014	<0.002	
5/22/2015	<0.002	
11/13/2015	<0.002	
4/11/2016	<0.002	
10/13/2016	<0.002	
4/10/2017	<0.002	
10/11/2017	<0.002	
3/26/2018	<0.002	
10/4/2018	<0.002	
3/27/2019	<0.002	
9/12/2019	<0.002	
3/19/2020	<0.002	
9/11/2020	0.0013 (J)	
4/5/2021	<0.002	
8/13/2021	0.0025	
2/15/2022	<0.002	
8/31/2022	<0.002	
2/28/2023	<0.002	
8/3/2023	0.0012 (J)	
3/4/2024	<0.002	
8/8/2024	<0.002	
2/26/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21	GWA-21
12/22/2010	<0.001	
2/14/2011	0.0028 (J)	
3/22/2011	0.0021 (J)	
4/26/2011	0.003 (I)	
10/27/2011	0.0028 (J)	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/7/2013	0.0044 (J)	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/8/2014	<0.001	
5/21/2015	0.0032 (J)	
11/13/2015	<0.001	
4/6/2016	<0.001	
6/14/2016	<0.001	
8/10/2016	<0.001	
10/11/2016	<0.001	
12/2/2016	<0.001	
2/10/2017	<0.001	
4/10/2017	<0.001	
6/23/2017	<0.001	
10/9/2017	<0.001	
3/26/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	0.0022	
4/2/2021	<0.001	
8/12/2021	<0.001	
2/14/2022	<0.001	
8/26/2022	<0.001	
2/28/2023	<0.001	
8/2/2023	<0.001	
2/29/2024	0.00023 (J)	
8/6/2024	<0.001	
2/25/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-22	GWA-22
12/22/2010	<0.001	
2/14/2011	<0.001	
3/22/2011	0.002 (J)	
4/26/2011	0.0025 (I)	
10/27/2011	0.0033 (J)	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/7/2013	0.0048 (J)	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/8/2014	0.0021 (J)	
5/21/2015	0.002 (J)	
11/13/2015	<0.001	
4/8/2016	<0.001	
6/14/2016	<0.001	
8/9/2016	<0.001	
10/11/2016	<0.001	
12/5/2016	<0.001	
2/10/2017	<0.001	
4/7/2017	<0.001	
6/26/2017	<0.001	
10/9/2017	<0.001	
3/26/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	<0.001	
4/2/2021	0.00018 (J)	
8/12/2021	<0.001	
2/15/2022	0.00025 (J)	
8/26/2022	<0.001	
2/28/2023	<0.001	
8/3/2023	<0.001	
3/4/2024	0.002	
8/8/2024	<0.001	
2/25/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-45	GWA-45
12/20/2010	<0.001	
2/14/2011	0.0024 (J)	
3/21/2011	<0.001	
4/26/2011	0.0027 (I)	
10/26/2011	0.0026 (J)	
5/1/2012	<0.001	
11/8/2012	0.0023 (J)	
5/8/2013	0.0026 (J)	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/7/2014	<0.001	
5/20/2015	0.005 (J)	
11/13/2015	0.0031 (J)	
4/7/2016	<0.001	
6/14/2016	<0.001	
8/9/2016	<0.001	
10/10/2016	<0.001	
12/2/2016	<0.001	
2/9/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/10/2017	<0.001	
3/22/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	0.00019 (J)	
9/11/2020	0.0016	
4/2/2021	<0.001	
8/12/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
2/28/2023	<0.001	
8/3/2023	<0.001	
3/4/2024	<0.001	
8/8/2024	<0.001	
2/26/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-46	GWA-46
12/20/2010	<0.001	
2/1/2011	<0.001	
3/21/2011	<0.001	
4/26/2011	0.0024 (I)	
10/27/2011	0.0025 (J)	
5/2/2012	<0.001	
11/8/2012	0.003 (J)	
5/7/2013	0.0029 (J)	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/7/2014	<0.001	
5/20/2015	0.0037 (J)	
11/13/2015	<0.001	
4/7/2016	<0.001	
6/14/2016	<0.001	
8/9/2016	<0.001	
10/10/2016	<0.001	
12/2/2016	<0.001	
2/10/2017	<0.001	
4/7/2017	<0.001	
6/23/2017	<0.001	
10/10/2017	<0.001	
3/23/2018	<0.001	
10/4/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/11/2020	<0.001	
4/5/2021	<0.001	
8/12/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
2/28/2023	<0.001	
8/3/2023	<0.001	
3/4/2024	<0.001	
8/8/2024	<0.001	
2/26/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-47	GWA-47
12/20/2010	<0.001	
2/1/2011	0.0027 (J)	
3/23/2011	0.0041 (J)	
4/27/2011	0.0054	
10/26/2011	<0.001	
5/1/2012	<0.001	
11/8/2012	0.0022 (J)	
5/7/2013	0.0062	
11/5/2013	<0.001	
5/23/2014	0.0026 (J)	
11/7/2014	0.0022 (J)	
5/21/2015	0.0049 (J)	
11/12/2015	<0.001	
4/8/2016	<0.001	
6/14/2016	<0.001	
8/9/2016	<0.001	
10/11/2016	<0.001	
12/5/2016	<0.001	
2/10/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/10/2017	<0.001	
3/22/2018	0.00096 (J)	
10/5/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/20/2020	<0.001	
9/11/2020	<0.001	
4/5/2021	<0.001	
8/13/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
2/28/2023	<0.001	
8/3/2023	<0.001	
3/4/2024	<0.001	
8/8/2024	<0.001	
2/26/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-48	GWA-48
12/21/2010	<0.001	
2/14/2011	0.0029 (J)	
3/23/2011	0.0028 (J)	
4/27/2011	0.0038 (I)	
10/25/2011	0.0043 (J)	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/7/2013	0.0064	
11/5/2013	<0.001	
5/23/2014	<0.001	
11/7/2014	0.0026 (J)	
5/21/2015	0.0038 (J)	
11/12/2015	0.0021 (J)	
4/7/2016	<0.001	
6/17/2016	<0.001	
8/10/2016	<0.001	
10/14/2016	<0.001	
12/19/2016	<0.001	
2/13/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/10/2017	<0.001	
3/23/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	0.0002 (J)	
9/11/2020	<0.001	
4/5/2021	<0.001	
8/12/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
2/28/2023	<0.001	
8/3/2023	<0.001	
3/4/2024	<0.001	
8/8/2024	<0.001	
2/26/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-49	GWA-49
12/21/2010	<0.001	
2/14/2011	0.0032 (J)	
3/21/2011	0.0038 (J)	
4/26/2011	0.0046 (I)	
10/26/2011	0.0024 (J)	
5/2/2012	<0.001	
11/8/2012	0.0021 (J)	
5/8/2013	0.006	
11/5/2013	0.0023 (J)	
5/23/2014	<0.001	
11/7/2014	<0.001	
5/21/2015	0.0062 (J)	
11/12/2015	0.0035 (J)	
4/7/2016	<0.001	
6/14/2016	<0.001	
8/9/2016	<0.001	
10/11/2016	<0.001	
12/2/2016	<0.001	
2/9/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/10/2017	<0.001	
3/22/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	<0.001	
4/6/2021	<0.001	
8/12/2021	<0.001	
2/14/2022	<0.001	
8/30/2022	<0.001	
3/1/2023	<0.001	
8/3/2023	<0.001	
3/4/2024	0.00043 (J)	
8/9/2024	<0.001	
2/26/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-29
12/22/2010	<0.001	
2/15/2011	0.0021 (J)	
3/22/2011	0.0027 (J)	
4/27/2011	0.0024 (I)	
10/26/2011	0.0021 (J)	
5/2/2012	<0.001	
11/8/2012	<0.001	
5/8/2013	0.0035 (J)	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/7/2014	<0.001	
5/22/2015	0.0038 (J)	
11/13/2015	<0.001	
4/11/2016	<0.001	
6/15/2016	<0.001	
8/10/2016	<0.001	
10/11/2016	<0.001	
12/5/2016	<0.001	
2/13/2017	<0.001	
4/10/2017	<0.001	
6/23/2017	<0.001	
10/10/2017	<0.001	
3/26/2018	<0.001	
10/4/2018	<0.001	
3/28/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	<0.001	
4/6/2021	<0.001	
8/13/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
3/1/2023	<0.001	
8/3/2023	<0.001	
3/4/2024	<0.001	
8/8/2024	<0.001	
2/26/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-50	GWC-50
12/22/2010	<0.001	
2/15/2011	0.0028 (J)	
3/22/2011	0.0022 (J)	
4/27/2011	0.0033 (I)	
10/26/2011	0.0028 (J)	
5/2/2012	<0.001	
11/8/2012	<0.001	
5/8/2013	0.0043 (J)	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/8/2014	<0.001	
5/22/2015	0.0042 (J)	
11/13/2015	<0.001	
4/11/2016	<0.001	
6/15/2016	<0.001	
8/10/2016	<0.001	
10/11/2016	<0.001	
12/2/2016	<0.001	
2/13/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/10/2017	<0.001	
3/23/2018	<0.001	
10/4/2018	<0.001	
3/28/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	<0.001	
4/6/2021	<0.001	
8/13/2021	0.00054 (J)	
2/14/2022	0.00019 (J)	
8/31/2022	<0.001	
3/1/2023	<0.001	
8/3/2023	<0.001	
3/4/2024	<0.001	
8/8/2024	<0.001	
2/26/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-51	GWC-51
12/22/2010	<0.001	
2/15/2011	0.0032 (J)	
3/22/2011	0.0024 (J)	
4/27/2011	0.0033 (I)	
10/26/2011	0.0023 (J)	
5/2/2012	<0.001	
11/8/2012	<0.001	
5/8/2013	0.0035 (J)	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/7/2014	<0.001	
5/22/2015	0.0035 (J)	
11/13/2015	<0.001	
4/11/2016	<0.001	
6/16/2016	<0.001	
8/10/2016	<0.001	
10/13/2016	<0.001	
12/5/2016	<0.001	
2/13/2017	<0.001	
4/10/2017	<0.001	
6/23/2017	<0.001	
10/11/2017	0.00041 (J)	
3/26/2018	<0.001	
10/4/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/11/2020	0.0015	
4/5/2021	<0.001	
8/13/2021	0.00022 (J)	
2/15/2022	<0.001	
8/31/2022	<0.001	
2/28/2023	<0.001	
8/3/2023	<0.001	
3/4/2024	<0.001	
8/8/2024	<0.001	
2/26/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-52	GWC-52
12/21/2010	<0.001	
2/15/2011	0.0034 (J)	
3/21/2011	0.004 (J)	
4/28/2011	0.0036 (I)	
10/26/2011	0.0038 (J)	
5/1/2012	<0.001	
11/9/2012	<0.001	
5/8/2013	0.0059	
11/4/2013	0.0027 (J)	
5/24/2014	<0.001	
11/7/2014	<0.001	
5/22/2015	0.006 (J)	
11/13/2015	0.0024 (J)	
4/11/2016	<0.001	
6/16/2016	<0.001	
8/11/2016	<0.001	
10/13/2016	<0.001	
12/5/2016	<0.001	
2/13/2017	<0.001	
4/11/2017	<0.001	
6/24/2017	<0.001	
10/11/2017	<0.001	
3/26/2018	0.0034 (O)	
10/4/2018	<0.001	
3/28/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/11/2020	<0.001	
4/5/2021	<0.001	
8/17/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
3/1/2023	<0.001	
8/3/2023	<0.001	
3/4/2024	<0.001	
8/8/2024	<0.001	
2/26/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-53	GWC-53
12/20/2010	<0.001	
2/14/2011	<0.001	
3/21/2011	<0.001	
4/27/2011	<0.001	
10/26/2011	<0.001	
5/1/2012	<0.001	
11/9/2012	<0.001	
5/8/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/7/2014	<0.001	
5/20/2015	0.0026 (JO)	
11/13/2015	<0.001	
4/8/2016	<0.001	
6/16/2016	<0.001	
8/11/2016	<0.001	
10/13/2016	<0.001	
12/6/2016	<0.001	
2/13/2017	<0.001	
4/11/2017	<0.001	
6/24/2017	<0.001	
10/11/2017	<0.001	
3/26/2018	<0.001	
10/4/2018	<0.001	
3/28/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/11/2020	<0.001	
4/6/2021	<0.001	
8/13/2021	0.00017 (J)	
2/14/2022	<0.001	
8/31/2022	<0.001	
2/28/2023	<0.001	
8/3/2023	<0.001	
3/4/2024	<0.001	
8/8/2024	<0.001	
2/25/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21	GWA-21
12/22/2010	<0.0002	
2/14/2011	<0.0002	
3/22/2011	<0.0002	
4/26/2011	<0.0002	
10/27/2011	<0.0002	
5/1/2012	<0.0002	
11/8/2012	<0.0002	
5/7/2013	<0.0002	
11/4/2013	<0.0002	
5/24/2014	<0.0002	
11/8/2014	<0.0002	
5/21/2015	<0.0002	
11/13/2015	<0.0002	
4/6/2016	<0.0002	
6/14/2016	<0.0002	
8/10/2016	8.2E-05 (J)	
10/11/2016	9E-05 (JB)	
12/2/2016	<0.0002	
2/10/2017	<0.0002	
4/10/2017	<0.0002	
6/23/2017	<0.0002	
10/9/2017	8.7E-05 (JB)	
3/26/2018	7E-05 (JB)	
10/3/2018	8.8E-05 (JB)	
3/27/2019	<0.0002	
9/12/2019	<0.0002	
3/19/2020	<0.0002	
9/10/2020	<0.0002	
4/2/2021	<0.0002	
8/12/2021	<0.0002	
2/14/2022	<0.0002	
8/26/2022	<0.0002	
2/28/2023	<0.0002	
8/2/2023	<0.0002	
2/29/2024	<0.0002	
8/6/2024	<0.0002	
2/25/2025		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-22	GWA-22
12/22/2010	<0.0002	
2/14/2011	<0.0002	
3/22/2011	<0.0002	
4/26/2011	<0.0002	
10/27/2011	<0.0002	
5/1/2012	<0.0002	
11/8/2012	<0.0002	
5/7/2013	<0.0002	
11/4/2013	<0.0002	
5/24/2014	<0.0002	
11/8/2014	<0.0002	
5/21/2015	<0.0002	
11/13/2015	<0.0002	
4/8/2016	<0.0002	
6/14/2016	<0.0002	
8/9/2016	<0.0002	
10/11/2016	9.1E-05 (JB)	
12/5/2016	0.00011 (JB)	
2/10/2017	<0.0002	
4/7/2017	<0.0002	
6/26/2017	<0.0002	
10/9/2017	8.7E-05 (JB)	
3/26/2018	<0.0002	
10/3/2018	0.0001425 (JBD)	
3/27/2019	<0.0002	
9/12/2019	<0.0002	
3/19/2020	<0.0002	
9/10/2020	<0.0002	
4/2/2021	<0.0002	
8/12/2021	<0.0002	
2/15/2022	<0.0002	
8/26/2022	<0.0002	
2/28/2023	<0.0002	
8/3/2023	<0.0002	
3/4/2024	<0.0002	
8/8/2024	<0.0002	
2/25/2025		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-45	GWA-45
12/20/2010	<0.0002	
2/14/2011	<0.0002	
3/21/2011	<0.0002	
4/26/2011	<0.0002	
10/26/2011	<0.0002	
5/1/2012	<0.0002	
11/8/2012	<0.0002	
5/8/2013	<0.0002	
11/4/2013	<0.0002	
5/24/2014	<0.0002	
11/7/2014	<0.0002	
5/20/2015	<0.0002	
11/13/2015	<0.0002	
4/7/2016	<0.0002	
6/14/2016	<0.0002	
8/9/2016	8.1E-05 (J)	
10/10/2016	0.00013 (JB)	
12/2/2016	<0.0002	
2/9/2017	<0.0002	
4/7/2017	<0.0002	
6/22/2017	<0.0002	
10/10/2017	8.9E-05 (JB)	
3/22/2018	<0.0002	
10/3/2018	0.0001415 (JBD)	
3/27/2019	<0.0002	
9/12/2019	<0.0002	
3/19/2020	<0.0002	
9/11/2020	<0.0002	
4/2/2021	<0.0002	
8/12/2021	<0.0002	
2/14/2022	<0.0002	
8/31/2022	<0.0002	
2/28/2023	<0.0002	
8/3/2023	<0.0002	
3/4/2024	<0.0002	
8/8/2024	<0.0002	
2/26/2025		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-46	GWA-46
12/20/2010	<0.0002	
2/1/2011	<0.0002	
3/21/2011	<0.0002	
4/26/2011	<0.0002	
10/27/2011	<0.0002	
5/2/2012	<0.0002	
11/8/2012	<0.0002	
5/7/2013	0.00011 (J)	
11/4/2013	<0.0002	
5/24/2014	<0.0002	
11/7/2014	<0.0002	
5/20/2015	<0.0002	
11/13/2015	<0.0002	
4/7/2016	<0.0002	
6/14/2016	<0.0002	
8/9/2016	8.1E-05 (J)	
10/10/2016	8.8E-05 (JB)	
12/2/2016	<0.0002	
2/10/2017	<0.0002	
4/7/2017	<0.0002	
6/23/2017	<0.0002	
10/10/2017	8.8E-05 (JB)	
3/23/2018	<0.0002	
10/4/2018	<0.0002	
3/27/2019	<0.0002	
9/12/2019	<0.0002	
3/19/2020	<0.0002	
9/11/2020	<0.0002	
4/5/2021	<0.0002	
8/12/2021	<0.0002	
2/14/2022	<0.0002	
8/31/2022	<0.0002	
2/28/2023	<0.0002	
8/3/2023	<0.0002	
3/4/2024	<0.0002	
8/8/2024	<0.0002	
2/26/2025		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-47	GWA-47
12/20/2010	<0.0002	
2/1/2011	<0.0002	
3/23/2011	<0.0002	
4/27/2011	<0.0002	
10/26/2011	<0.0002	
5/1/2012	<0.0002	
11/8/2012	<0.0002	
5/7/2013	8.1E-05 (J)	
11/5/2013	<0.0002	
5/23/2014	<0.0002	
11/7/2014	<0.0002	
5/21/2015	<0.0002	
11/12/2015	<0.0002	
4/8/2016	<0.0002	
6/14/2016	<0.0002	
8/9/2016	8.1E-05 (J)	
10/11/2016	8.1E-05 (JB)	
12/5/2016	0.00011 (JB)	
2/10/2017	<0.0002	
4/7/2017	<0.0002	
6/22/2017	<0.0002	
10/10/2017	9.2E-05 (JB)	
3/22/2018	<0.0002	
10/5/2018	<0.0002	
3/27/2019	<0.0002	
9/12/2019	<0.0002	
3/20/2020	<0.0002	
9/11/2020	<0.0002	
4/5/2021	<0.0002	
8/13/2021	<0.0002	
2/14/2022	<0.0002	
8/31/2022	<0.0002	
2/28/2023	<0.0002	
8/3/2023	<0.0002	
3/4/2024	<0.0002	
8/8/2024	<0.0002	
2/26/2025		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-48	GWA-48
12/21/2010	<0.0002	
2/14/2011	<0.0002	
3/23/2011	<0.0002	
4/27/2011	<0.0002	
10/25/2011	<0.0002	
5/1/2012	<0.0002	
11/8/2012	<0.0002	
5/7/2013	8.4E-05 (J)	
11/5/2013	<0.0002	
5/23/2014	<0.0002	
11/7/2014	<0.0002	
5/21/2015	<0.0002	
11/12/2015	<0.0002	
4/7/2016	<0.0002	
6/17/2016	<0.0002	
8/10/2016	0.00011 (JB)	
10/14/2016	<0.0002	
12/19/2016	<0.0002	
2/13/2017	<0.0002	
4/7/2017	<0.0002	
6/22/2017	<0.0002	
10/10/2017	9.2E-05 (JB)	
3/23/2018	<0.0002	
10/3/2018	0.0001415 (JBD)	
3/27/2019	<0.0002	
9/12/2019	<0.0002	
3/19/2020	<0.0002	
9/11/2020	<0.0002	
4/5/2021	<0.0002	
8/12/2021	<0.0002	
2/14/2022	<0.0002	
8/31/2022	<0.0002	
2/28/2023	<0.0002	
8/3/2023	<0.0002	
3/4/2024	<0.0002	
8/8/2024	<0.0002	
2/26/2025		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-49	GWA-49
12/21/2010	<0.0002	
2/14/2011	<0.0002	
3/21/2011	<0.0002	
4/26/2011	<0.0002	
10/26/2011	<0.0002	
5/2/2012	<0.0002	
11/8/2012	<0.0002	
5/8/2013	<0.0002	
11/5/2013	<0.0002	
5/23/2014	<0.0002	
11/7/2014	<0.0002	
5/21/2015	<0.0002	
11/12/2015	<0.0002	
4/7/2016	<0.0002	
6/14/2016	<0.0002	
8/9/2016	8.5E-05 (J)	
10/11/2016	9E-05 (JB)	
12/2/2016	<0.0002	
2/9/2017	<0.0002	
4/7/2017	<0.0002	
6/22/2017	<0.0002	
10/10/2017	8.8E-05 (JB)	
3/22/2018	<0.0002	
10/3/2018	0.00014 (JBD)	
3/27/2019	<0.0002	
9/12/2019	<0.0002	
3/19/2020	<0.0002	
9/10/2020	<0.0002	
4/6/2021	<0.0002	
8/12/2021	<0.0002	
2/14/2022	<0.0002	
8/30/2022	<0.0002	
3/1/2023	<0.0002	
8/3/2023	<0.0002	
3/4/2024	<0.0002	
8/9/2024	<0.0002	
2/26/2025		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-29
12/22/2010	<0.0002	
2/15/2011	<0.0002	
3/22/2011	<0.0002	
4/27/2011	<0.0002	
10/26/2011	<0.0002	
5/2/2012	<0.0002	
11/8/2012	<0.0002	
5/8/2013	<0.0002	
11/4/2013	<0.0002	
5/24/2014	<0.0002	
11/7/2014	<0.0002	
5/22/2015	<0.0002	
11/13/2015	<0.0002	
4/11/2016	<0.0002	
6/15/2016	<0.0002	
8/10/2016	8.5E-05 (JB)	
10/11/2016	9.2E-05 (JB)	
12/5/2016	0.0001 (JB)	
2/13/2017	<0.0002	
4/10/2017	<0.0002	
6/23/2017	<0.0002	
10/10/2017	9.1E-05 (JB)	
3/26/2018	<0.0002	
10/4/2018	<0.0002	
3/28/2019	<0.0002	
9/12/2019	<0.0002	
3/19/2020	<0.0002	
9/10/2020	<0.0002	
4/6/2021	<0.0002	
8/13/2021	<0.0002	
2/14/2022	<0.0002	
8/31/2022	<0.0002	
3/1/2023	<0.0002	
8/3/2023	<0.0002	
3/4/2024	<0.0002	
8/8/2024	<0.0002	
2/26/2025		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-50	GWC-50
12/22/2010	<0.0002	
2/15/2011	<0.0002	
3/22/2011	<0.0002	
4/27/2011	<0.0002	
10/26/2011	<0.0002	
5/2/2012	<0.0002	
11/8/2012	<0.0002	
5/8/2013	<0.0002	
11/4/2013	<0.0002	
5/24/2014	<0.0002	
11/8/2014	<0.0002	
5/22/2015	<0.0002	
11/13/2015	<0.0002	
4/11/2016	<0.0002	
6/15/2016	<0.0002	
8/10/2016	7.9E-05 (JB)	
10/11/2016	0.00011 (JB)	
12/2/2016	<0.0002	
2/13/2017	<0.0002	
4/7/2017	<0.0002	
6/22/2017	<0.0002	
10/10/2017	8.9E-05 (JB)	
3/23/2018	7.6E-05 (JB)	
10/4/2018	<0.0002	
3/28/2019	<0.0002	
9/12/2019	<0.0002	
3/19/2020	<0.0002	
9/10/2020	<0.0002	
4/6/2021	<0.0002	
8/13/2021	<0.0002	
2/14/2022	<0.0002	
8/31/2022	<0.0002	
3/1/2023	<0.0002	
8/3/2023	<0.0002	
3/4/2024	<0.0002	
8/8/2024	<0.0002	
2/26/2025		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-51	GWC-51
12/22/2010	<0.0002	
2/15/2011	<0.0002	
3/22/2011	<0.0002	
4/27/2011	<0.0002	
10/26/2011	<0.0002	
5/2/2012	<0.0002	
11/8/2012	<0.0002	
5/8/2013	<0.0002	
11/4/2013	<0.0002	
5/24/2014	<0.0002	
11/7/2014	<0.0002	
5/22/2015	<0.0002	
11/13/2015	<0.0002	
4/11/2016	<0.0002	
6/16/2016	<0.0002	
8/10/2016	9E-05 (J)	
10/13/2016	<0.0002	
12/5/2016	0.00011 (JB)	
2/13/2017	<0.0002	
4/10/2017	<0.0002	
6/23/2017	<0.0002	
10/11/2017	<0.0002	
3/26/2018	<0.0002	
10/4/2018	<0.0002	
3/27/2019	<0.0002	
9/12/2019	<0.0002	
3/19/2020	<0.0002	
9/11/2020	<0.0002	
4/5/2021	<0.0002	
8/13/2021	<0.0002	
2/15/2022	<0.0002	
8/31/2022	<0.0002	
2/28/2023	<0.0002	
8/3/2023	<0.0002	
3/4/2024	<0.0002	
8/8/2024	<0.0002	
2/26/2025		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-52	GWC-52
12/21/2010	<0.0002	
2/15/2011	<0.0002	
3/21/2011	<0.0002	
4/28/2011	<0.0002	
10/26/2011	8.2E-05 (J)	
5/1/2012	<0.0002	
11/9/2012	<0.0002	
5/8/2013	<0.0002	
11/4/2013	<0.0002	
5/24/2014	<0.0002	
11/7/2014	<0.0002	
5/22/2015	<0.0002	
11/13/2015	<0.0002	
4/11/2016	<0.0002	
6/16/2016	<0.0002	
8/11/2016	0.00011 (JB)	
10/13/2016	<0.0002	
12/5/2016	0.00013 (JB)	
2/13/2017	<0.0002	
4/11/2017	<0.0002	
6/24/2017	<0.0002	
10/11/2017	<0.0002	
3/26/2018	<0.0002	
10/4/2018	<0.0002	
3/28/2019	<0.0002	
9/12/2019	<0.0002	
3/19/2020	<0.0002	
9/11/2020	<0.0002	
4/5/2021	<0.0002	
8/17/2021	<0.0002	
2/14/2022	<0.0002	
8/31/2022	<0.0002	
3/1/2023	<0.0002	
8/3/2023	9E-05 (J)	
3/4/2024	<0.0002	
8/8/2024	<0.0002	
2/26/2025		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Mercury (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-53	GWC-53
12/20/2010	<0.0002	
2/14/2011	<0.0002	
3/21/2011	<0.0002	
4/27/2011	<0.0002	
10/26/2011	<0.0002	
5/1/2012	<0.0002	
11/9/2012	<0.0002	
5/8/2013	<0.0002	
11/4/2013	<0.0002	
5/24/2014	<0.0002	
11/7/2014	<0.0002	
5/20/2015	<0.0002	
11/13/2015	<0.0002	
4/8/2016	<0.0002	
6/16/2016	<0.0002	
8/11/2016	9.5E-05 (JB)	
10/13/2016	<0.0002	
12/6/2016	0.00011 (JB)	
2/13/2017	<0.0002	
4/11/2017	<0.0002	
6/24/2017	<0.0002	
10/11/2017	<0.0002	
3/26/2018	7.6E-05 (JB)	
10/4/2018	<0.0002	
3/28/2019	<0.0002	
9/12/2019	<0.0002	
3/19/2020	<0.0002	
9/11/2020	<0.0002	
4/6/2021	<0.0002	
8/13/2021	<0.0002	
2/14/2022	<0.0002	
8/31/2022	<0.0002	
2/28/2023	<0.0002	
8/3/2023	<0.0002	
3/4/2024	<0.0002	
8/8/2024	<0.0002	
2/25/2025		<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21	GWA-21
12/22/2010	<0.001	
2/14/2011	<0.001	
3/22/2011	<0.001	
4/26/2011	<0.001	
10/27/2011	<0.001	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/7/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/8/2014	<0.001	
5/21/2015	<0.001	
11/13/2015	<0.001	
4/6/2016	<0.001	
10/11/2016	<0.001	
4/10/2017	<0.001	
10/9/2017	0.0024 (JO)	
3/26/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	0.00097 (J)	
3/19/2020	0.00037 (J)	
9/10/2020	0.00095 (J)	
4/2/2021	0.00046 (J)	
8/12/2021	0.0011	
2/14/2022	<0.001	
8/26/2022	0.0012 (B)	
2/28/2023	0.0015	
8/2/2023	0.00086 (J)	
2/29/2024	0.00097 (J)	
8/6/2024	0.00096 (J)	
2/25/2025		0.00099 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-22	GWA-22
12/22/2010	0.003 (JO)	
2/14/2011	<0.001	
3/22/2011	<0.001	
4/26/2011	<0.001	
10/27/2011	<0.001	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/7/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/8/2014	<0.001	
5/21/2015	<0.001	
11/13/2015	<0.001	
4/8/2016	<0.001	
10/11/2016	<0.001	
4/7/2017	<0.001	
10/9/2017	<0.001	
3/26/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	<0.001	
4/2/2021	0.00049 (J)	
8/12/2021	0.00042 (J)	
2/15/2022	0.0014	
8/26/2022	0.00065 (JB)	
2/28/2023	0.00091 (J)	
8/3/2023	0.00067 (J)	
3/4/2024	0.00055 (J)	
8/8/2024	<0.001	
2/25/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-45	GWA-45
12/20/2010	<0.001	
2/14/2011	<0.001	
3/21/2011	<0.001	
4/26/2011	<0.001	
10/26/2011	<0.001	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/8/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/7/2014	<0.001	
5/20/2015	<0.001	
11/13/2015	<0.001	
4/7/2016	<0.001	
10/10/2016	<0.001	
4/7/2017	<0.001	
10/10/2017	<0.001	
3/22/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	0.00061 (J)	
3/19/2020	0.00074 (J)	
9/11/2020	0.001	
4/2/2021	0.00077 (J)	
8/12/2021	0.00092 (J)	
2/14/2022	<0.001	
8/31/2022	0.00065 (JB)	
2/28/2023	0.00064 (J)	
8/3/2023	0.00067 (J)	
3/4/2024	0.0011	
8/8/2024	0.00048 (J)	
2/26/2025		0.00053 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-46	GWA-46
12/20/2010	<0.001	
2/1/2011	<0.001	
3/21/2011	<0.001	
4/26/2011	<0.001	
10/27/2011	<0.001	
5/2/2012	<0.001	
11/8/2012	0.0035 (JO)	
5/7/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/7/2014	<0.001	
5/20/2015	<0.001	
11/13/2015	<0.001	
4/7/2016	<0.001	
10/10/2016	<0.001	
4/7/2017	<0.001	
10/10/2017	<0.001	
3/23/2018	<0.001	
10/4/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	0.0004 (J)	
3/19/2020	<0.001	
9/11/2020	<0.001	
4/5/2021	<0.001	
8/12/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	0.00056 (JB)	
2/28/2023	<0.001	
8/3/2023	0.00045 (J)	
3/4/2024	<0.001	
8/8/2024	<0.001	
2/26/2025		0.00049 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-47	GWA-47
12/20/2010	0.003 (J)	
2/1/2011	0.0072	
3/23/2011	<0.001	
4/27/2011	0.003 (I)	
10/26/2011	<0.001	
5/1/2012	<0.001	
11/8/2012	0.0066	
5/7/2013	0.022	
11/5/2013	0.0093	
5/23/2014	0.0045 (J)	
11/7/2014	0.0049 (J)	
5/21/2015	0.012	
11/12/2015	0.019	
4/8/2016	<0.001	
10/11/2016	<0.001	
4/7/2017	<0.001	
10/10/2017	<0.001	
3/22/2018	<0.001	
10/5/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/20/2020	<0.001	
9/11/2020	<0.001	
4/5/2021	<0.001	
8/13/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
2/28/2023	<0.001	
8/3/2023	<0.001	
3/4/2024	<0.001	
8/8/2024	<0.001	
2/26/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-48	GWA-48
12/21/2010	0.0052	
2/14/2011	0.016	
3/23/2011	<0.001	
4/27/2011	<0.001	
10/25/2011	<0.001	
5/1/2012	0.0035 (I)	
11/8/2012	0.0046 (J)	
5/7/2013	0.0087	
11/5/2013	0.0036 (J)	
5/23/2014	<0.001	
11/7/2014	0.0064	
5/21/2015	0.0045 (J)	
11/12/2015	0.0036 (J)	
4/7/2016	<0.001	
10/14/2016	<0.001	
4/7/2017	<0.001	
10/10/2017	<0.001	
3/23/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	0.0004 (J)	
9/11/2020	<0.001	
4/5/2021	0.00034 (J)	
8/12/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
2/28/2023	<0.001	
8/3/2023	<0.001	
3/4/2024	<0.001	
8/8/2024	<0.001	
2/26/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-49	GWA-49
12/21/2010	<0.001	
2/14/2011	<0.001	
3/21/2011	<0.001	
4/26/2011	<0.001	
10/26/2011	<0.001	
5/2/2012	<0.001	
11/8/2012	<0.001	
5/8/2013	<0.001	
11/5/2013	<0.001	
5/23/2014	<0.001	
11/7/2014	<0.001	
5/21/2015	<0.001	
11/12/2015	<0.001	
4/7/2016	<0.001	
10/11/2016	<0.001	
4/7/2017	<0.001	
10/10/2017	<0.001	
3/22/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	0.00043 (J)	
3/19/2020	<0.001	
9/10/2020	0.00062 (J)	
4/6/2021	<0.001	
8/12/2021	0.0019	
2/14/2022	0.00088 (J)	
8/30/2022	0.00074 (JB)	
3/1/2023	<0.001	
8/3/2023	0.00046 (J)	
3/4/2024	<0.001	
8/9/2024	<0.001	
2/26/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-29
12/22/2010	<0.005	
2/15/2011	<0.005	
3/22/2011	<0.005	
4/27/2011	<0.005	
10/26/2011	<0.005	
5/2/2012	<0.005	
11/8/2012	<0.005	
5/8/2013	<0.005	
11/4/2013	<0.005	
5/24/2014	<0.005	
11/7/2014	<0.005	
5/22/2015	0.0032 (J)	
11/13/2015	<0.005	
4/11/2016	0.00388 (J)	
10/11/2016	0.0047	
4/10/2017	0.0042	
10/10/2017	0.0037	
3/26/2018	0.0037	
10/4/2018	0.0037	
3/28/2019	0.0038	
9/12/2019	0.0035	
3/19/2020	0.0039	
9/10/2020	0.0035	
4/6/2021	0.0042 (B)	
8/13/2021	0.0037	
2/14/2022	0.0034	
8/31/2022	0.0033 (B)	
3/1/2023	0.0038	
8/3/2023	0.0031	
3/4/2024	0.0028	
8/8/2024	0.0025	
2/26/2025		0.0027

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-50	GWC-50
12/22/2010	<0.0025	
2/15/2011	<0.0025	
3/22/2011	<0.0025	
4/27/2011	<0.0025	
10/26/2011	<0.0025	
5/2/2012	<0.0025	
11/8/2012	<0.0025	
5/8/2013	<0.0025	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/8/2014	<0.0025	
5/22/2015	<0.0025	
11/13/2015	<0.0025	
4/11/2016	<0.0025	
10/11/2016	<0.0025	
4/7/2017	<0.0025	
10/10/2017	<0.0025	
3/23/2018	<0.0025	
10/4/2018	<0.0025	
3/28/2019	<0.0025	
9/12/2019	0.0012	
3/19/2020	0.0015	
9/10/2020	0.0017	
4/6/2021	0.0019 (B)	
8/13/2021	0.0036	
2/14/2022	0.0026	
8/31/2022	0.0031 (B)	
3/1/2023	0.0073	
8/3/2023	0.0033	
3/4/2024	0.0029	
8/8/2024	0.003	
2/26/2025		0.0032

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-51	GWC-51
12/22/2010	<0.0025	
2/15/2011	<0.0025	
3/22/2011	<0.0025	
4/27/2011	<0.0025	
10/26/2011	<0.0025	
5/2/2012	<0.0025	
11/8/2012	<0.0025	
5/8/2013	<0.0025	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/7/2014	<0.0025	
5/22/2015	<0.0025	
11/13/2015	<0.0025	
4/11/2016	<0.0025	
10/13/2016	<0.0025	
4/10/2017	<0.0025	
10/11/2017	0.0018 (J)	
3/26/2018	0.0021 (J)	
10/4/2018	0.0024 (J)	
3/27/2019	0.0024 (J)	
9/12/2019	0.0019	
3/19/2020	0.0021	
9/11/2020	0.002	
4/5/2021	0.002	
8/13/2021	0.0034	
2/15/2022	0.0024	
8/31/2022	0.0025 (B)	
2/28/2023	0.0028	
8/3/2023	0.0028	
3/4/2024	0.0024	
8/8/2024	0.0027	
2/26/2025		0.0024

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Nickel (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-53	GWC-53
12/20/2010	0.006	
2/14/2011	0.0067	
3/21/2011	0.0066	
4/27/2011	0.0077	
10/26/2011	0.0063	
5/1/2012	0.0068	
11/9/2012	0.0067	
5/8/2013	0.0066	
11/4/2013	0.0072	
5/24/2014	0.0053	
11/7/2014	0.0052	
5/20/2015	0.0067	
11/13/2015	0.0063	
4/8/2016	0.0076 (J)	
10/13/2016	0.0073	
4/11/2017	0.0075	
10/11/2017	0.0072	
3/26/2018	0.0075	
10/4/2018	0.0073	
3/28/2019	0.0069	
9/12/2019	0.007	
3/19/2020	0.007	
9/11/2020	0.0074	
4/6/2021	0.0072 (B)	
8/13/2021	0.0073	
2/14/2022	0.0071	
8/31/2022	0.0069 (B)	
2/28/2023	0.0073	
8/3/2023	0.0071	
3/4/2024	0.0077	
8/8/2024	0.0077	
2/25/2025		0.0078

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-22	GWA-22
12/22/2010	<0.005	
2/14/2011	<0.005	
3/22/2011	<0.005	
4/26/2011	<0.005	
10/27/2011	<0.005	
5/1/2012	<0.005	
11/8/2012	<0.005	
5/7/2013	<0.005	
11/4/2013	0.0048 (JV)	
5/24/2014	<0.005	
11/8/2014	<0.005	
5/21/2015	0.0041 (J)	
11/13/2015	<0.005	
4/8/2016	<0.005	
6/14/2016	<0.005	
8/9/2016	<0.005	
10/11/2016	<0.005	
12/5/2016	<0.005	
2/10/2017	0.0032	
4/7/2017	<0.005	
6/26/2017	<0.005	
10/9/2017	<0.005	
3/26/2018	<0.005	
10/3/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	<0.005	
3/19/2020	<0.005	
9/10/2020	<0.005	
4/2/2021	<0.005	
8/12/2021	<0.005	
2/15/2022	<0.005	
8/26/2022	<0.005	
2/28/2023	<0.005	
8/3/2023	<0.005	
3/4/2024	<0.005	
8/8/2024	<0.005	
2/25/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-45	GWA-45
12/20/2010	<0.005	
2/14/2011	<0.005	
3/21/2011	<0.005	
4/26/2011	<0.005	
10/26/2011	<0.005	
5/1/2012	<0.005	
11/8/2012	<0.005	
5/8/2013	0.0048 (J)	
11/4/2013	<0.005	
5/24/2014	0.0042 (J)	
11/7/2014	<0.005	
5/20/2015	0.0093 (JO)	
11/13/2015	0.0061 (JO)	
4/7/2016	<0.005	
6/14/2016	<0.005	
8/9/2016	<0.005	
10/10/2016	<0.005	
12/2/2016	<0.005	
2/9/2017	<0.005	
4/7/2017	<0.005	
6/22/2017	0.0004 (J)	
10/10/2017	0.00033 (J)	
3/22/2018	<0.005	
10/3/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	<0.005	
3/19/2020	<0.005	
9/11/2020	<0.005	
4/2/2021	<0.005	
8/12/2021	<0.005	
2/14/2022	<0.005	
8/31/2022	<0.005	
2/28/2023	0.00076 (J)	
8/3/2023	<0.005	
3/4/2024	<0.005	
8/8/2024	<0.005	
2/26/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-47	GWA-47
12/20/2010	<0.005	
2/1/2011	<0.005	
3/23/2011	<0.005	
4/27/2011	<0.005	
10/26/2011	<0.005	
5/1/2012	<0.005	
11/8/2012	<0.005	
5/7/2013	<0.005	
11/5/2013	0.0064 (JO)	
5/23/2014	<0.005	
11/7/2014	<0.005	
5/21/2015	<0.005	
11/12/2015	<0.005	
4/8/2016	<0.005	
6/14/2016	<0.005	
8/9/2016	<0.005	
10/11/2016	<0.005	
12/5/2016	<0.005	
2/10/2017	<0.005	
4/7/2017	<0.005	
6/22/2017	0.0021	
10/10/2017	<0.005	
3/22/2018	<0.005	
10/5/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	<0.005	
3/20/2020	<0.005	
9/11/2020	<0.005	
4/5/2021	<0.005	
8/13/2021	<0.005	
2/14/2022	<0.005	
8/31/2022	<0.005	
2/28/2023	<0.005	
8/3/2023	<0.005	
3/4/2024	<0.005	
8/8/2024	<0.005	
2/26/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-48	GWA-48
12/21/2010	<0.005	
2/14/2011	<0.005	
3/23/2011	<0.005	
4/27/2011	<0.005	
10/25/2011	<0.005	
5/1/2012	<0.005	
11/8/2012	<0.005	
5/7/2013	0.0046 (J)	
11/5/2013	0.0047 (JV)	
5/23/2014	<0.005	
11/7/2014	<0.005	
5/21/2015	0.0077 (JO)	
11/12/2015	<0.005	
4/7/2016	<0.005	
6/17/2016	<0.005	
8/10/2016	<0.005	
10/14/2016	<0.005	
12/19/2016	<0.005	
2/13/2017	<0.005	
4/7/2017	<0.005	
6/22/2017	0.00069 (J)	
10/10/2017	<0.005	
3/23/2018	<0.005	
10/3/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	<0.005	
3/19/2020	<0.005	
9/11/2020	<0.005	
4/5/2021	<0.005	
8/12/2021	<0.005	
2/14/2022	<0.005	
8/31/2022	<0.005	
2/28/2023	<0.005	
8/3/2023	<0.005	
3/4/2024	<0.005	
8/8/2024	<0.005	
2/26/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-49	GWA-49
12/21/2010	<0.005	
2/14/2011	<0.005	
3/21/2011	<0.005	
4/26/2011	<0.005	
10/26/2011	0.004 (J)	
5/2/2012	<0.005	
11/8/2012	<0.005	
5/8/2013	<0.005	
11/5/2013	<0.005	
5/23/2014	<0.005	
11/7/2014	<0.005	
5/21/2015	0.0041 (J)	
11/12/2015	<0.005	
4/7/2016	<0.005	
6/14/2016	<0.005	
8/9/2016	<0.005	
10/11/2016	<0.005	
12/2/2016	<0.005	
2/9/2017	<0.005	
4/7/2017	0.00092 (J)	
6/22/2017	0.0013	
10/10/2017	<0.005	
3/22/2018	<0.005	
10/3/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	<0.005	
3/19/2020	<0.005	
9/10/2020	<0.005	
4/6/2021	<0.005	
8/12/2021	<0.005	
2/14/2022	<0.005	
8/30/2022	<0.005	
3/1/2023	<0.005	
8/3/2023	<0.005	
3/4/2024	<0.005	
8/9/2024	<0.005	
2/26/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-29
12/22/2010	<0.005	
2/15/2011	<0.005	
3/22/2011	<0.005	
4/27/2011	<0.005	
10/26/2011	<0.005	
5/2/2012	<0.005	
11/8/2012	<0.005	
5/8/2013	<0.005	
11/4/2013	<0.005	
5/24/2014	0.0044 (J)	
11/7/2014	<0.005	
5/22/2015	<0.005	
11/13/2015	<0.005	
4/11/2016	<0.005	
6/15/2016	<0.005	
8/10/2016	<0.005	
10/11/2016	<0.005	
12/5/2016	<0.005	
2/13/2017	<0.005	
4/10/2017	<0.005	
6/23/2017	<0.005	
10/10/2017	<0.005	
3/26/2018	<0.005	
10/4/2018	0.00032 (J)	
3/28/2019	<0.005	
9/12/2019	<0.005	
3/19/2020	<0.005	
9/10/2020	<0.005	
4/6/2021	<0.005	
8/13/2021	<0.005	
2/14/2022	<0.005	
8/31/2022	<0.005	
3/1/2023	<0.005	
8/3/2023	<0.005	
3/4/2024	<0.005	
8/8/2024	<0.005	
2/26/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-50	GWC-50
12/22/2010	<0.005	
2/15/2011	<0.005	
3/22/2011	<0.005	
4/27/2011	<0.005	
10/26/2011	<0.005	
5/2/2012	<0.005	
11/8/2012	<0.005	
5/8/2013	0.0042 (J)	
11/4/2013	<0.005	
5/24/2014	<0.005	
11/8/2014	<0.005	
5/22/2015	<0.005	
11/13/2015	<0.005	
4/11/2016	<0.005	
6/15/2016	<0.005	
8/10/2016	<0.005	
10/11/2016	<0.005	
12/2/2016	<0.005	
2/13/2017	<0.005	
4/7/2017	0.0021	
6/22/2017	<0.005	
10/10/2017	<0.005	
3/23/2018	<0.005	
10/4/2018	<0.005	
3/28/2019	<0.005	
9/12/2019	<0.005	
3/19/2020	<0.005	
9/10/2020	<0.005	
4/6/2021	<0.005	
8/13/2021	<0.005	
2/14/2022	<0.005	
8/31/2022	<0.005	
3/1/2023	<0.005	
8/3/2023	<0.005	
3/4/2024	<0.005	
8/8/2024	<0.005	
2/26/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-52	GWC-52
12/21/2010	<0.005	
2/15/2011	<0.005	
3/21/2011	<0.005	
4/28/2011	<0.005	
10/26/2011	<0.005	
5/1/2012	<0.005	
11/9/2012	<0.005	
5/8/2013	<0.005	
11/4/2013	0.0049 (JV)	
5/24/2014	<0.005	
11/7/2014	<0.005	
5/22/2015	0.0067 (JO)	
11/13/2015	<0.005	
4/11/2016	<0.005	
6/16/2016	<0.005	
8/11/2016	0.00036 (J)	
10/13/2016	0.00035 (J)	
12/5/2016	<0.005	
2/13/2017	<0.005	
4/11/2017	0.0027	
6/24/2017	<0.005	
10/11/2017	<0.005	
3/26/2018	<0.005	
10/4/2018	0.0004 (J)	
3/28/2019	<0.005	
9/12/2019	<0.005	
3/19/2020	<0.005	
9/11/2020	<0.005	
4/5/2021	<0.005	
8/17/2021	<0.005	
2/14/2022	<0.005	
8/31/2022	<0.005	
3/1/2023	0.00099 (J)	
8/3/2023	<0.005	
3/4/2024	<0.005	
8/8/2024	<0.005	
2/26/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-53	GWC-53
12/20/2010	<0.005	
2/14/2011	<0.005	
3/21/2011	<0.005	
4/27/2011	<0.005	
10/26/2011	<0.005	
5/1/2012	<0.005	
11/9/2012	<0.005	
5/8/2013	<0.005	
11/4/2013	<0.005	
5/24/2014	<0.005	
11/7/2014	<0.005	
5/20/2015	<0.005	
11/13/2015	<0.005	
4/8/2016	<0.005	
6/16/2016	<0.005	
8/11/2016	<0.005	
10/13/2016	0.00046 (J)	
12/6/2016	<0.005	
2/13/2017	0.0025	
4/11/2017	0.00089 (J)	
6/24/2017	<0.005	
10/11/2017	<0.005	
3/26/2018	<0.005	
10/4/2018	<0.005	
3/28/2019	<0.005	
9/12/2019	<0.005	
3/19/2020	<0.005	
9/11/2020	<0.005	
4/6/2021	<0.005	
8/13/2021	<0.005	
2/14/2022	<0.005	
8/31/2022	<0.005	
2/28/2023	<0.005	
8/3/2023	<0.005	
3/4/2024	<0.005	
8/8/2024	<0.005	
2/25/2025		0.0011 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21	GWA-21
12/22/2010	<0.001	
2/14/2011	<0.001	
3/22/2011	<0.001	
4/26/2011	<0.001	
10/27/2011	<0.001	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/7/2013	<0.001	
11/4/2013	0.00025 (J)	
5/24/2014	<0.001	
11/8/2014	0.00048 (J)	
5/21/2015	<0.001	
11/13/2015	<0.001	
4/6/2016	<0.001	
6/14/2016	<0.001	
8/10/2016	<0.001	
10/11/2016	<0.001	
12/2/2016	<0.001	
2/10/2017	<0.001	
4/10/2017	<0.001	
6/23/2017	<0.001	
10/9/2017	<0.001	
3/26/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	<0.001	
4/2/2021	0.00016 (J)	
8/12/2021	<0.001	
2/14/2022	<0.001	
8/26/2022	<0.001	
2/28/2023	<0.001	
8/2/2023	<0.001	
2/29/2024	<0.001	
8/6/2024	<0.001	
2/25/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-22	GWA-22
12/22/2010	<0.001	
2/14/2011	<0.001	
3/22/2011	<0.001	
4/26/2011	<0.001	
10/27/2011	<0.001	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/7/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/8/2014	0.00086 (J)	
5/21/2015	<0.001	
11/13/2015	<0.001	
4/8/2016	<0.001	
6/14/2016	<0.001	
8/9/2016	<0.001	
10/11/2016	<0.001	
12/5/2016	<0.001	
2/10/2017	<0.001	
4/7/2017	<0.001	
6/26/2017	<0.001	
10/9/2017	<0.001	
3/26/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	<0.001	
4/2/2021	0.00036 (J)	
8/12/2021	<0.001	
2/15/2022	<0.001	
8/26/2022	<0.001	
2/28/2023	<0.001	
8/3/2023	<0.001	
3/4/2024	<0.001	
8/8/2024	<0.001	
2/25/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-45	GWA-45
12/20/2010	0.00026 (J)	
2/14/2011	<0.001	
3/21/2011	<0.001	
4/26/2011	<0.001	
10/26/2011	<0.001	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/8/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/7/2014	0.00032 (J)	
5/20/2015	<0.001	
11/13/2015	<0.001	
4/7/2016	<0.001	
6/14/2016	<0.001	
8/9/2016	<0.001	
10/10/2016	<0.001	
12/2/2016	<0.001	
2/9/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/10/2017	<0.001	
3/22/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	0.00036 (JB)	
9/11/2020	<0.001	
4/2/2021	<0.001	
8/12/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
2/28/2023	<0.001	
8/3/2023	<0.001	
3/4/2024	<0.001	
8/8/2024	<0.001	
2/26/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-48	GWA-48
12/21/2010	<0.001	
2/14/2011	<0.001	
3/23/2011	<0.001	
4/27/2011	<0.001	
10/25/2011	<0.001	
5/1/2012	<0.001	
11/8/2012	<0.001	
5/7/2013	<0.001	
11/5/2013	<0.001	
5/23/2014	<0.001	
11/7/2014	<0.001	
5/21/2015	<0.001	
11/12/2015	<0.001	
4/7/2016	<0.001	
6/17/2016	<0.001	
8/10/2016	<0.001	
10/14/2016	<0.001	
12/19/2016	<0.001	
2/13/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/10/2017	<0.001	
3/23/2018	<0.001	
10/3/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	0.00018 (JB)	
9/11/2020	<0.001	
4/5/2021	0.00043 (J)	
8/12/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
2/28/2023	<0.001	
8/3/2023	<0.001	
3/4/2024	<0.001	
8/8/2024	<0.001	
2/26/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-50	GWC-50
12/22/2010	<0.001	
2/15/2011	<0.001	
3/22/2011	<0.001	
4/27/2011	<0.001	
10/26/2011	<0.001	
5/2/2012	<0.001	
11/8/2012	<0.001	
5/8/2013	0.00028 (J)	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/8/2014	<0.001	
5/22/2015	<0.001	
11/13/2015	<0.001	
4/11/2016	<0.001	
6/15/2016	<0.001	
8/10/2016	<0.001	
10/11/2016	<0.001	
12/2/2016	<0.001	
2/13/2017	<0.001	
4/7/2017	<0.001	
6/22/2017	<0.001	
10/10/2017	<0.001	
3/23/2018	<0.001	
10/4/2018	<0.001	
3/28/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/10/2020	<0.001	
4/6/2021	<0.001	
8/13/2021	<0.001	
2/14/2022	<0.001	
8/31/2022	<0.001	
3/1/2023	<0.001	
8/3/2023	<0.001	
3/4/2024	<0.001	
8/8/2024	<0.001	
2/26/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Thallium (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-51	GWC-51
12/22/2010	<0.001	
2/15/2011	<0.001	
3/22/2011	<0.001	
4/27/2011	<0.001	
10/26/2011	<0.001	
5/2/2012	<0.001	
11/8/2012	<0.001	
5/8/2013	<0.001	
11/4/2013	<0.001	
5/24/2014	<0.001	
11/7/2014	<0.001	
5/22/2015	<0.001	
11/13/2015	<0.001	
4/11/2016	<0.001	
6/16/2016	<0.001	
8/10/2016	<0.001	
10/13/2016	<0.001	
12/5/2016	<0.001	
2/13/2017	<0.001	
4/10/2017	<0.001	
6/23/2017	<0.001	
10/11/2017	<0.001	
3/26/2018	<0.001	
10/4/2018	<0.001	
3/27/2019	<0.001	
9/12/2019	<0.001	
3/19/2020	<0.001	
9/11/2020	<0.001	
4/5/2021	0.00022 (J)	
8/13/2021	<0.001	
2/15/2022	<0.001	
8/31/2022	<0.001	
2/28/2023	<0.001	
8/3/2023	<0.001	
3/4/2024	<0.001	
8/8/2024	<0.001	
2/26/2025		<0.001

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21	GWA-21
12/22/2010	<0.0025	
2/14/2011	<0.0025	
3/22/2011	0.0028 (J)	
4/26/2011	0.0025 (I)	
10/27/2011	<0.0025	
5/1/2012	0.004 (I)	
11/8/2012	<0.0025	
5/7/2013	<0.0025	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/8/2014	<0.0025	
5/21/2015	<0.0025	
11/13/2015	<0.0025	
4/6/2016	0.00201 (J)	
10/11/2016	0.0067	
4/10/2017	0.002 (J)	
10/9/2017	<0.0025	
3/26/2018	0.0014 (J)	
10/3/2018	0.0023 (J)	
3/27/2019	0.0072	
9/12/2019	0.0031	
3/19/2020	0.003	
9/10/2020	0.0027	
4/2/2021	0.0029	
8/12/2021	0.004	
2/14/2022	0.0033	
8/26/2022	0.0028	
2/28/2023	0.0036	
8/2/2023	0.0035	
2/29/2024	0.0025	
8/6/2024	0.003	
2/25/2025		0.0014 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-22	GWA-22
12/22/2010	<0.0025	
2/14/2011	<0.0025	
3/22/2011	0.0032 (J)	
4/26/2011	<0.0025	
10/27/2011	<0.0025	
5/1/2012	0.0037 (I)	
11/8/2012	<0.0025	
5/7/2013	0.0041 (J)	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/8/2014	<0.0025	
5/21/2015	0.0052 (J)	
11/13/2015	<0.0025	
4/8/2016	0.00339 (J)	
10/11/2016	0.0037	
4/7/2017	0.0033	
10/9/2017	<0.0025	
3/26/2018	0.0029	
10/3/2018	0.0022 (J)	
3/27/2019	0.0071	
9/12/2019	0.0025	
3/19/2020	0.0052	
9/10/2020	0.0025	
4/2/2021	0.0045	
8/12/2021	0.0028	
2/15/2022	0.0083	
8/26/2022	0.002	
2/28/2023	0.0071	
8/3/2023	0.0037	
3/4/2024	0.0081	
8/8/2024	0.0034	
2/25/2025		0.008

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-45	GWA-45
12/20/2010	<0.0025	
2/14/2011	<0.0025	
3/21/2011	<0.0025	
4/26/2011	0.0022 (I)	
10/26/2011	<0.0025	
5/1/2012	0.0036 (I)	
11/8/2012	0.0062 (J)	
5/8/2013	<0.0025	
11/4/2013	<0.0025	
5/24/2014	<0.0025	
11/7/2014	<0.0025	
5/20/2015	<0.0025	
11/13/2015	<0.0025	
4/7/2016	<0.0025	
10/10/2016	<0.0025	
4/7/2017	<0.0025	
10/10/2017	0.0014 (J)	
3/22/2018	<0.0025	
10/3/2018	<0.0025	
3/27/2019	0.0023 (JB)	
9/12/2019	0.0017	
3/19/2020	0.0031	
9/11/2020	0.0015	
4/2/2021	0.0014	
8/12/2021	0.0017	
2/14/2022	0.0028	
8/31/2022	0.0011	
2/28/2023	0.0018	
8/3/2023	0.0012 (J)	
3/4/2024	0.0024	
8/8/2024	0.00075 (J)	
2/26/2025		0.0082

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-46	GWA-46
12/20/2010	0.0024 (J)	
2/1/2011	0.0021 (J)	
3/21/2011	0.0025 (J)	
4/26/2011	0.0033 (I)	
10/27/2011	0.003 (J)	
5/2/2012	0.0051 (I)	
11/8/2012	0.02 (O)	
5/7/2013	0.0036 (J)	
11/4/2013	0.0043 (J)	
5/24/2014	0.0033 (J)	
11/7/2014	<0.0025	
5/20/2015	0.0062 (J)	
11/13/2015	0.0046 (J)	
4/7/2016	0.00293 (J)	
10/10/2016	0.0031	
4/7/2017	0.0041	
10/10/2017	<0.0025	
3/23/2018	0.0032	
10/4/2018	0.0034	
3/27/2019	0.0072 (B)	
9/12/2019	0.0033	
3/19/2020	0.0033	
9/11/2020	0.0026	
4/5/2021	0.003	
8/12/2021	0.0031	
2/14/2022	0.0032	
8/31/2022	0.0027	
2/28/2023	0.0037	
8/3/2023	0.0026	
3/4/2024	0.0028	
8/8/2024	0.0019 (J)	
2/26/2025		0.0069

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-47	GWA-47
12/20/2010	0.0051 (J)	
2/1/2011	0.012	
3/23/2011	0.015	
4/27/2011	0.022	
10/26/2011	0.0043 (J)	
5/1/2012	0.0069 (I)	
11/8/2012	0.013	
5/7/2013	0.017	
11/5/2013	0.013	
5/23/2014	0.041 (O)	
11/7/2014	0.0069 (J)	
5/21/2015	0.016	
11/12/2015	0.013	
4/8/2016	0.00606 (J)	
10/11/2016	0.011	
4/7/2017	0.0073	
10/10/2017	0.0032	
3/22/2018	0.0068	
10/5/2018	0.0092	
3/27/2019	0.012 (B)	
9/12/2019	0.0075	
3/20/2020	0.0086	
9/11/2020	0.007	
4/5/2021	0.0085	
8/13/2021	0.0078	
2/14/2022	0.0076	
8/31/2022	0.0073	
2/28/2023	0.0078	
8/3/2023	0.0072	
3/4/2024	0.0078	
8/8/2024	0.0079	
2/26/2025		0.0097

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-48	GWA-48
12/21/2010	0.0091 (J)	
2/14/2011	0.013	
3/23/2011	0.01	
4/27/2011	0.0078 (I)	
10/25/2011	0.012	
5/1/2012	0.019	
11/8/2012	0.015	
5/7/2013	0.017	
11/5/2013	0.015	
5/23/2014	0.017	
11/7/2014	0.013	
5/21/2015	0.016	
11/12/2015	0.018	
4/7/2016	0.016	
10/14/2016	0.018	
4/7/2017	0.017	
10/10/2017	0.015	
3/23/2018	0.016	
10/3/2018	0.017	
3/27/2019	0.022 (B)	
9/12/2019	0.019	
3/19/2020	0.019	
9/11/2020	0.017	
4/5/2021	0.019	
8/12/2021	0.019	
2/14/2022	0.019	
8/31/2022	0.018	
2/28/2023	0.02	
8/3/2023	0.017	
3/4/2024	0.018	
8/8/2024	0.018	
2/26/2025		0.021

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-49	GWA-49
12/21/2010	0.016	
2/14/2011	0.016	
3/21/2011	0.018	
4/26/2011	0.018	
10/26/2011	0.018	
5/2/2012	0.021	
11/8/2012	0.019	
5/8/2013	0.02	
11/5/2013	0.018	
5/23/2014	0.018	
11/7/2014	0.018	
5/21/2015	0.02	
11/12/2015	0.016	
4/7/2016	0.0182	
10/11/2016	0.023	
4/7/2017	0.02	
10/10/2017	0.016	
3/22/2018	0.018	
10/3/2018	0.018	
3/27/2019	0.021 (B)	
9/12/2019	0.02	
3/19/2020	0.02	
9/10/2020	0.018	
4/6/2021	0.021	
8/12/2021	0.02	
2/14/2022	0.02	
8/30/2022	0.019	
3/1/2023	0.019	
8/3/2023	0.019	
3/4/2024	0.018	
8/9/2024	0.019	
2/26/2025		0.026

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-29
12/22/2010	0.0037 (J)	
2/15/2011	0.0043 (J)	
3/22/2011	0.0039 (J)	
4/27/2011	0.0035 (I)	
10/26/2011	0.0047 (J)	
5/2/2012	0.0064 (I)	
11/8/2012	0.0051 (J)	
5/8/2013	0.0046 (J)	
11/4/2013	0.0039 (J)	
5/24/2014	0.0053 (J)	
11/7/2014	0.0034 (J)	
5/22/2015	0.0068 (J)	
11/13/2015	0.0044 (J)	
4/11/2016	0.00381 (J)	
10/11/2016	0.0082	
4/10/2017	0.0038	
10/10/2017	0.0053	
3/26/2018	0.0037	
10/4/2018	0.0053	
3/28/2019	0.0079	
9/12/2019	0.0054	
3/19/2020	0.0044	
9/10/2020	0.0049	
4/6/2021	0.0045	
8/13/2021	0.0061	
2/14/2022	0.0047	
8/31/2022	0.0055	
3/1/2023	0.0051	
8/3/2023	0.005	
3/4/2024	0.0045	
8/8/2024	0.0047	
2/26/2025		0.0056

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-50	GWC-50
12/22/2010	<0.001	
2/15/2011	<0.001	
3/22/2011	0.0034 (J)	
4/27/2011	0.0032 (I)	
10/26/2011	<0.001	
5/2/2012	0.0039 (I)	
11/8/2012	0.0034 (J)	
5/8/2013	<0.001	
11/4/2013	0.0035 (J)	
5/24/2014	0.0036 (J)	
11/8/2014	<0.001	
5/22/2015	0.0044 (J)	
11/13/2015	<0.001	
4/11/2016	0.00254 (J)	
10/11/2016	0.0056	
4/7/2017	0.0024 (J)	
10/10/2017	<0.001	
3/23/2018	0.0023 (J)	
10/4/2018	0.0037	
3/28/2019	0.0053	
9/12/2019	0.0028	
3/19/2020	0.0027	
9/10/2020	0.0026	
4/6/2021	0.0026	
8/13/2021	0.0093	
2/14/2022	0.0042	
8/31/2022	0.0031	
3/1/2023	<0.001	
8/3/2023	0.0029	
3/4/2024	0.0025	
8/8/2024	0.0021	
2/26/2025		0.009

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-51	GWC-51
12/22/2010	0.0027 (J)	
2/15/2011	0.0036 (J)	
3/22/2011	0.004 (J)	
4/27/2011	0.0046 (I)	
10/26/2011	<0.01	
5/2/2012	0.0055 (I)	
11/8/2012	0.0042 (J)	
5/8/2013	0.0046 (J)	
11/4/2013	0.0042 (J)	
5/24/2014	0.0061 (J)	
11/7/2014	0.0032 (J)	
5/22/2015	0.0056 (J)	
11/13/2015	<0.01	
4/11/2016	0.00415 (J)	
10/13/2016	0.0047	
4/10/2017	0.0043	
10/11/2017	0.0052	
3/26/2018	0.004	
10/4/2018	0.0066	
3/27/2019	0.0087 (B)	
9/12/2019	0.0047	
3/19/2020	0.0046	
9/11/2020	0.0042	
4/5/2021	0.0059	
8/13/2021	0.0072	
2/15/2022	0.0049	
8/31/2022	0.0038	
2/28/2023	0.0052	
8/3/2023	0.0041	
3/4/2024	0.0041	
8/8/2024	0.0039	
2/26/2025		0.01

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-52	GWC-52
12/21/2010	0.01	
2/15/2011	0.0098 (J)	
3/21/2011	0.012	
4/28/2011	0.011	
10/26/2011	0.012	
5/1/2012	0.011	
11/9/2012	0.011	
5/8/2013	0.01	
11/4/2013	0.011	
5/24/2014	0.012	
11/7/2014	0.01	
5/22/2015	0.013	
11/13/2015	0.014	
4/11/2016	0.0107	
10/13/2016	0.011	
4/11/2017	0.011	
10/11/2017	0.012	
3/26/2018	0.0096	
10/4/2018	0.013	
3/28/2019	0.01	
9/12/2019	0.011	
3/19/2020	0.01	
9/11/2020	0.0099	
4/5/2021	0.011	
8/17/2021	0.011	
2/14/2022	0.011	
8/31/2022	0.01	
3/1/2023	0.011	
8/3/2023	0.0088	
3/4/2024	0.0098	
8/8/2024	0.009	
2/26/2025		0.014

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-53	GWC-53
12/20/2010	<0.002	
2/14/2011	<0.002	
3/21/2011	<0.002	
4/27/2011	<0.002	
10/26/2011	<0.002	
5/1/2012	0.0032	
11/9/2012	<0.002	
5/8/2013	<0.002	
11/4/2013	<0.002	
5/24/2014	<0.002	
11/7/2014	<0.002	
5/20/2015	0.0065 (J)	
11/13/2015	<0.002	
4/8/2016	<0.002	
10/13/2016	<0.002	
4/11/2017	<0.002	
10/11/2017	0.0019 (J)	
3/26/2018	<0.002	
10/4/2018	0.0037	
3/28/2019	0.0041	
9/12/2019	<0.002	
3/19/2020	<0.002	
9/11/2020	<0.002	
4/6/2021	<0.002	
8/13/2021	0.0016	
2/14/2022	0.0014	
8/31/2022	0.00095 (J)	
2/28/2023	0.0023	
8/3/2023	<0.002	
3/4/2024	0.00066 (J)	
8/8/2024	<0.002	
2/25/2025		<0.002

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21	GWA-21
12/22/2010	<0.005	
2/14/2011	<0.005	
3/22/2011	<0.005	
4/26/2011	<0.005	
10/27/2011	<0.005	
5/1/2012	<0.005	
11/8/2012	<0.005	
5/7/2013	<0.005	
11/4/2013	<0.005	
5/24/2014	<0.005	
11/8/2014	<0.005	
5/21/2015	<0.005	
11/13/2015	<0.005	
4/6/2016	<0.005	
10/11/2016	<0.005	
4/10/2017	<0.005	
10/9/2017	<0.005	
3/26/2018	<0.005	
10/3/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	0.0046 (JB)	
3/19/2020	<0.005	
9/10/2020	0.0048 (J)	
4/2/2021	<0.005	
8/12/2021	<0.005	
2/14/2022	<0.005	
8/26/2022	<0.005	
2/28/2023	<0.005	
8/2/2023	<0.005	
2/29/2024	<0.005	
8/6/2024	<0.005	
2/25/2025		0.0028 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-22	GWA-22
12/22/2010	<0.005	
2/14/2011	<0.005	
3/22/2011	<0.005	
4/26/2011	<0.005	
10/27/2011	<0.005	
5/1/2012	<0.005	
11/8/2012	<0.005	
5/7/2013	<0.005	
11/4/2013	<0.005	
5/24/2014	<0.005	
11/8/2014	<0.005	
5/21/2015	<0.005	
11/13/2015	0.039 (O)	
4/8/2016	<0.005	
10/11/2016	<0.005	
4/7/2017	<0.005	
10/9/2017	<0.005	
3/26/2018	<0.005	
10/3/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	0.0085 (B)	
3/19/2020	<0.005	
9/10/2020	<0.005	
4/2/2021	<0.005	
8/12/2021	<0.005	
2/15/2022	0.003 (J)	
8/26/2022	<0.005	
2/28/2023	<0.005	
8/3/2023	<0.005	
3/4/2024	0.0059	
8/8/2024	<0.005	
2/25/2025		0.0076

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-45	GWA-45
12/20/2010	<0.005	
2/14/2011	<0.005	
3/21/2011	<0.005	
4/26/2011	<0.005	
10/26/2011	<0.005	
5/1/2012	<0.005	
11/8/2012	<0.005	
5/8/2013	<0.005	
11/4/2013	<0.005	
5/24/2014	<0.005	
11/7/2014	<0.005	
5/20/2015	<0.005	
11/13/2015	<0.005	
4/7/2016	0.00345 (J)	
10/10/2016	<0.005	
4/7/2017	<0.005	
10/10/2017	<0.005	
3/22/2018	<0.005	
10/3/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	0.0095 (B)	
3/19/2020	0.0037 (J)	
9/11/2020	0.0098	
4/2/2021	0.0058	
8/12/2021	0.006	
2/14/2022	0.003 (J)	
8/31/2022	0.0051	
2/28/2023	0.0062 (JB)	
8/3/2023	0.0051	
3/4/2024	0.0035 (J)	
8/8/2024	0.0046 (J)	
2/26/2025		0.0055

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-46	GWA-46
12/20/2010	<0.005	
2/1/2011	<0.005	
3/21/2011	<0.005	
4/26/2011	<0.005	
10/27/2011	<0.005	
5/2/2012	<0.005	
11/8/2012	0.013 (JO)	
5/7/2013	<0.005	
11/4/2013	<0.005	
5/24/2014	<0.005	
11/7/2014	<0.005	
5/20/2015	<0.005	
11/13/2015	<0.005	
4/7/2016	0.00265 (J)	
10/10/2016	<0.005	
4/7/2017	<0.005	
10/10/2017	0.0096 (J)	
3/23/2018	<0.005	
10/4/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	0.0091 (B)	
3/19/2020	0.0035 (J)	
9/11/2020	0.0038 (J)	
4/5/2021	0.0049 (J)	
8/12/2021	<0.005	
2/14/2022	<0.005	
8/31/2022	0.0032 (J)	
2/28/2023	<0.005	
8/3/2023	0.0037 (J)	
3/4/2024	<0.005	
8/8/2024	0.003 (J)	
2/26/2025		0.0035 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-47	GWA-47
12/20/2010	<0.005	
2/1/2011	<0.005	
3/23/2011	<0.005	
4/27/2011	<0.005	
10/26/2011	<0.005	
5/1/2012	<0.005	
11/8/2012	<0.005	
5/7/2013	0.0087 (J)	
11/5/2013	<0.005	
5/23/2014	0.014 (JO)	
11/7/2014	<0.005	
5/21/2015	<0.005	
11/12/2015	<0.005	
4/8/2016	0.00228 (J)	
10/11/2016	<0.005	
4/7/2017	<0.005	
10/10/2017	<0.005	
3/22/2018	<0.005	
10/5/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	0.0049 (JB)	
3/20/2020	<0.005	
9/11/2020	<0.005	
4/5/2021	<0.005	
8/13/2021	<0.005	
2/14/2022	<0.005	
8/31/2022	<0.005	
2/28/2023	<0.005	
8/3/2023	<0.005	
3/4/2024	<0.005	
8/8/2024	<0.005	
2/26/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-48	GWA-48
12/21/2010	<0.005	
2/14/2011	<0.005	
3/23/2011	<0.005	
4/27/2011	<0.005	
10/25/2011	<0.005	
5/1/2012	<0.005	
11/8/2012	<0.005	
5/7/2013	<0.005	
11/5/2013	0.008 (J)	
5/23/2014	<0.005	
11/7/2014	<0.005	
5/21/2015	<0.005	
11/12/2015	<0.005	
4/7/2016	0.00287 (J)	
10/14/2016	<0.005	
4/7/2017	<0.005	
10/10/2017	<0.005	
3/23/2018	<0.005	
10/3/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	0.0048 (JB)	
3/19/2020	<0.005	
9/11/2020	<0.005	
4/5/2021	<0.005	
8/12/2021	<0.005	
2/14/2022	<0.005	
8/31/2022	0.0039 (J)	
2/28/2023	<0.005	
8/3/2023	<0.005	
3/4/2024	<0.005	
8/8/2024	<0.005	
2/26/2025		0.0044 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-49	GWA-49
12/21/2010	<0.005	
2/14/2011	<0.005	
3/21/2011	<0.005	
4/26/2011	<0.005	
10/26/2011	<0.005	
5/2/2012	<0.005	
11/8/2012	<0.005	
5/8/2013	<0.005	
11/5/2013	<0.005	
5/23/2014	<0.005	
11/7/2014	<0.005	
5/21/2015	<0.005	
11/12/2015	<0.005	
4/7/2016	0.00208 (J)	
10/11/2016	<0.005	
4/7/2017	<0.005	
10/10/2017	<0.005	
3/22/2018	<0.005	
10/3/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	0.0041 (JB)	
3/19/2020	<0.005	
9/10/2020	<0.005	
4/6/2021	<0.005	
8/12/2021	<0.005	
2/14/2022	<0.005	
8/30/2022	<0.005	
3/1/2023	<0.005	
8/3/2023	<0.005	
3/4/2024	<0.005	
8/9/2024	<0.005	
2/26/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-29
12/22/2010	<0.005	
2/15/2011	<0.005	
3/22/2011	<0.005	
4/27/2011	<0.005	
10/26/2011	<0.005	
5/2/2012	<0.005	
11/8/2012	<0.005	
5/8/2013	<0.005	
11/4/2013	<0.005	
5/24/2014	<0.005	
11/7/2014	<0.005	
5/22/2015	<0.005	
11/13/2015	<0.005	
4/11/2016	<0.005	
10/11/2016	<0.005	
4/10/2017	<0.005	
10/10/2017	<0.005	
3/26/2018	<0.005	
10/4/2018	<0.005	
3/28/2019	<0.005	
9/12/2019	0.0058 (B)	
3/19/2020	<0.005	
9/10/2020	<0.005	
4/6/2021	<0.005	
8/13/2021	<0.005	
2/14/2022	<0.005	
8/31/2022	<0.005	
3/1/2023	<0.005	
8/3/2023	<0.005	
3/4/2024	<0.005	
8/8/2024	<0.005	
2/26/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-50	GWC-50
12/22/2010	<0.005	
2/15/2011	<0.005	
3/22/2011	<0.005	
4/27/2011	<0.005	
10/26/2011	<0.005	
5/2/2012	<0.005	
11/8/2012	<0.005	
5/8/2013	<0.005	
11/4/2013	<0.005	
5/24/2014	<0.005	
11/8/2014	<0.005	
5/22/2015	<0.005	
11/13/2015	<0.005	
4/11/2016	<0.005	
10/11/2016	<0.005	
4/7/2017	<0.005	
10/10/2017	<0.005	
3/23/2018	<0.005	
10/4/2018	0.0076 (J)	
3/28/2019	<0.005	
9/12/2019	0.0057 (B)	
3/19/2020	0.0037 (J)	
9/10/2020	<0.005	
4/6/2021	<0.005	
8/13/2021	0.0053	
2/14/2022	<0.005	
8/31/2022	<0.005	
3/1/2023	0.016 (o)	
5/2/2023	<0.005	
8/3/2023	0.0033 (J)	
3/4/2024	<0.005	
8/8/2024	<0.005	
2/26/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-51	GWC-51
12/22/2010	<0.005	
2/15/2011	<0.005	
3/22/2011	<0.005	
4/27/2011	<0.005	
10/26/2011	<0.005	
5/2/2012	<0.005	
11/8/2012	<0.005	
5/8/2013	<0.005	
11/4/2013	<0.005	
5/24/2014	<0.005	
11/7/2014	<0.005	
5/22/2015	<0.005	
11/13/2015	<0.005	
4/11/2016	0.00333 (J)	
10/13/2016	<0.005	
4/10/2017	<0.005	
10/11/2017	<0.005	
3/26/2018	<0.005	
10/4/2018	<0.005	
3/27/2019	<0.005	
9/12/2019	0.0042 (JB)	
3/19/2020	<0.005	
9/11/2020	<0.005	
4/5/2021	<0.005	
8/13/2021	<0.005	
2/15/2022	<0.005	
8/31/2022	<0.005	
2/28/2023	<0.005	
8/3/2023	0.0035 (J)	
3/4/2024	<0.005	
8/8/2024	<0.005	
2/26/2025		0.004 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-52	GWC-52
12/21/2010	<0.005	
2/15/2011	<0.005	
3/21/2011	<0.005	
4/28/2011	<0.005	
10/26/2011	<0.005	
5/1/2012	<0.005	
11/9/2012	<0.005	
5/8/2013	<0.005	
11/4/2013	<0.005	
5/24/2014	<0.005	
11/7/2014	<0.005	
5/22/2015	<0.005	
11/13/2015	<0.005	
4/11/2016	<0.005	
10/13/2016	<0.005	
4/11/2017	0.0065 (J)	
10/11/2017	<0.005	
3/26/2018	<0.005	
10/4/2018	<0.005	
3/28/2019	<0.005	
9/12/2019	0.0073 (B)	
3/19/2020	<0.005	
9/11/2020	<0.005	
4/5/2021	<0.005	
8/17/2021	<0.005	
2/14/2022	<0.005	
8/31/2022	<0.005	
3/1/2023	<0.005	
8/3/2023	<0.005	
3/4/2024	<0.005	
8/8/2024	<0.005	
2/26/2025		<0.005

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 4/24/2025 10:39 AM View: Appendix I

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-53	GWC-53
12/20/2010	0.0095 (J)	
2/14/2011	0.0092 (J)	
3/21/2011	0.011 (J)	
4/27/2011	0.0096 (I)	
10/26/2011	0.011 (J)	
5/1/2012	0.012 (I)	
11/9/2012	0.014 (J)	
5/8/2013	0.016 (J)	
11/4/2013	0.014 (J)	
5/24/2014	0.013 (J)	
11/7/2014	0.014 (J)	
5/20/2015	0.015 (J)	
11/13/2015	0.015 (J)	
4/8/2016	0.0136	
10/13/2016	0.015 (J)	
4/11/2017	0.015 (J)	
10/11/2017	0.019 (J)	
3/26/2018	0.016 (J)	
10/4/2018	0.017 (J)	
3/28/2019	0.013 (J)	
9/12/2019	0.02 (B)	
3/19/2020	0.014	
9/11/2020	0.014	
4/6/2021	0.014	
8/13/2021	0.017	
2/14/2022	0.014	
8/31/2022	0.015	
2/28/2023	0.014 (JB)	
8/3/2023	0.015	
3/4/2024	0.013	
8/8/2024	0.015	
2/25/2025		0.018

FIGURE F.

Appendix I Interwell Prediction Limits - Two-Step - All Results (No Significant)

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 4/24/2025, 10:41 AM

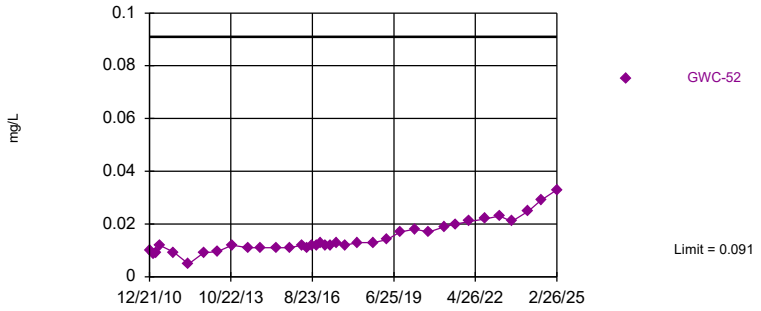
Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Barium (mg/L)	GWC-52	0.091	n/a	2/26/2025	0.033	No	250	n/a	n/a	0	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
Chromium (mg/L)	GWC-51	0.045	n/a	2/26/2025	0.0078	No	259	n/a	n/a	13.9	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
Chromium (mg/L)	GWC-52	0.045	n/a	2/26/2025	0.026	No	259	n/a	n/a	13.9	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
Vanadium (mg/L)	GWC-50	0.026	n/a	2/26/2025	0.009	No	222	n/a	n/a	17.12	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
Vanadium (mg/L)	GWC-51	0.026	n/a	2/26/2025	0.01	No	222	n/a	n/a	17.12	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
Vanadium (mg/L)	GWC-52	0.026	n/a	2/26/2025	0.014	No	222	n/a	n/a	17.12	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2

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Within Limit

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 250 background values. Annual per-constituent alpha = 0.0004919. Individual comparison alpha = 0.0000492 (1 of 2). Assumes 4 future values.

Constituent: Barium Analysis Run 4/24/2025 10:40 AM View: Appendix I - Two Step

Plant Scherer Client: Southern Company Data: Scherer PAC

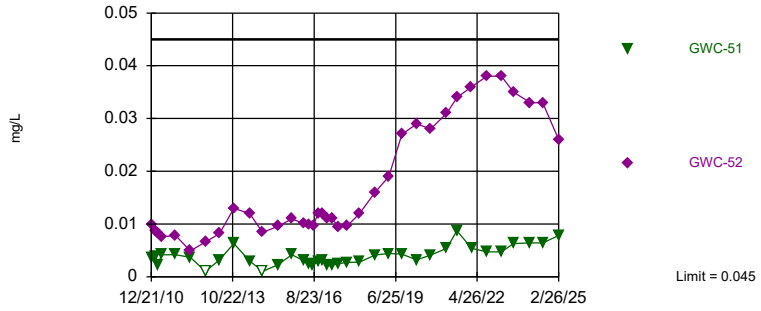
Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 259 background values. 13.9% NDs. Annual per-constituent alpha = 0.0004919. Individual comparison alpha = 0.0000492 (1 of 2). Comparing 2 points to limit. Assumes 3 future values.

Constituent: Chromium Analysis Run 4/24/2025 10:40 AM View: Appendix I - Two Step

Plant Scherer Client: Southern Company Data: Scherer PAC

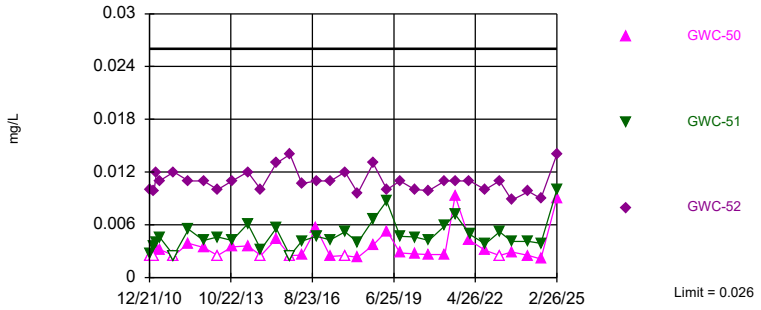
Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 222 background values. 17.12% NDs. Annual per-constituent alpha = 0.0004919. Individual comparison alpha = 0.0000492 (1 of 2). Comparing 3 points to limit. Assumes 2 future values.

Constituent: Vanadium Analysis Run 4/24/2025 10:40 AM View: Appendix I - Two Step

Plant Scherer Client: Southern Company Data: Scherer PAC

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/24/2025 10:41 AM View: Appendix I - Two Step

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-47 (bg)	GWA-46 (bg)	GWA-45 (bg)	GWC-52	GWA-49 (bg)	GWA-21 (bg)	GWA-22 (bg)	GWA-48 (bg)
12/20/2010	0.029 (J)	0.019 (J)	0.024 (J)					
12/21/2010				0.01 (J)	0.021 (J)			0.055 (JO)
12/22/2010						0.026 (J)	0.028 (J)	
2/1/2011	0.038 (J)	0.017 (J)						
2/14/2011			0.023 (J)		0.021 (J)	0.022 (J)	0.025 (J)	0.05 (JO)
2/15/2011				0.0086 (J)				
3/21/2011		0.019 (J)	0.021 (J)	0.009 (J)	0.021 (J)			
3/22/2011						0.02 (J)	0.029 (J)	
3/23/2011	0.045 (J)							0.031 (J)
4/26/2011		0.02 (I)	0.019 (I)		0.021 (I)	0.019 (I)	0.031 (I)	
4/27/2011	0.043 (I)							0.015 (I)
4/28/2011				0.012 (I)				
10/25/2011								0.02
10/26/2011	0.023		0.023	0.0093 (J)	0.019			
10/27/2011		0.018				0.021	0.027	
5/1/2012	0.021		0.014	0.0048 (I)		0.017	0.022	0.017
5/2/2012		0.017			0.018			
11/8/2012	0.038	0.048 (O)	0.034		0.018	0.023	0.024	0.012
11/9/2012				0.0091 (J)				
5/7/2013	0.042	0.02				0.021	0.027	0.022
5/8/2013			0.016	0.0096 (J)	0.017			
11/4/2013		0.019	0.014	0.012		0.018	0.024	
11/5/2013	0.039				0.019			0.012
5/23/2014	0.088 (O)				0.021			0.02
5/24/2014		0.019	0.027	0.011		0.022	0.025	
11/7/2014	0.027	0.019	0.03	0.011	0.019			0.012
11/8/2014						0.02	0.023	
5/20/2015		0.018	0.029					
5/21/2015	0.036				0.02	0.022	0.023	0.011
5/22/2015				0.011				
11/12/2015	0.038				0.019			0.012
11/13/2015		0.02	0.041	0.011		0.025	0.023	
4/6/2016						0.0239		
4/7/2016		0.0207	0.0381		0.0201			0.0116
4/8/2016	0.0261						0.0244	
4/11/2016				0.012				
6/14/2016	0.023	0.019	0.034		0.017	0.021	0.023	
6/16/2016				0.011				
6/17/2016								0.012
8/9/2016	0.026	0.017	0.032		0.017		0.026	
8/10/2016						0.019		0.012
8/11/2016				0.012 (B)				
10/10/2016		0.02	0.037					
10/11/2016	0.03				0.02	0.02	0.022	
10/13/2016				0.012				
10/14/2016								0.016
12/2/2016		0.02 (B)	0.038 (B)		0.02 (B)	0.022 (B)		
12/5/2016	0.026			0.013			0.025	
12/19/2016								0.012
2/9/2017			0.048		0.018			
2/10/2017	0.023	0.018				0.03	0.026	
2/13/2017				0.012				0.017

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 4/24/2025 10:41 AM View: Appendix I - Two Step

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-47 (bg)	GWA-46 (bg)	GWA-45 (bg)	GWC-52	GWA-49 (bg)	GWA-21 (bg)	GWA-22 (bg)	GWA-48 (bg)
4/7/2017	0.024	0.02	0.045		0.018		0.021	0.011
4/10/2017						0.025		
4/11/2017				0.012				
6/22/2017	0.025		0.049		0.02			0.014
6/23/2017		0.021				0.026		
6/24/2017				0.013				
6/26/2017							0.028	
10/9/2017						0.025	0.021	
10/10/2017	0.022	0.018	0.044		0.02			0.012
10/11/2017				0.012				
3/22/2018	0.024		0.05		0.018			
3/23/2018		0.02						0.012
3/26/2018				0.013		0.026	0.022	
10/3/2018			0.042		0.018	0.022 (O)	0.022	0.012
10/4/2018		0.019		0.013				
10/5/2018	0.026							
3/27/2019	0.026	0.021	0.057		0.019	0.024	0.022	0.013
3/28/2019				0.014				
9/12/2019	0.028	0.022	0.1 (O)	0.017	0.022	0.025	0.023	0.016
12/2/2019			0.11 (O)					
3/19/2020		0.023	0.11 (O)	0.018	0.02	0.027	0.024	0.02
3/20/2020	0.029							
9/10/2020					0.02	0.023	0.022	
9/11/2020	0.026	0.022	0.15 (O)	0.017				0.013
4/2/2021			0.11 (O)			0.02	0.023	
4/5/2021	0.028	0.022		0.019				0.015
4/6/2021					0.02			
8/12/2021		0.023	0.091		0.024	0.023	0.024	0.013
8/13/2021	0.026							
8/17/2021				0.02				
2/14/2022	0.029	0.024	0.077	0.021	0.022	0.024		0.014
2/15/2022							0.032	
8/26/2022						0.026	0.021	
8/30/2022					0.021			
8/31/2022	0.031	0.022	0.065	0.022				0.016
2/28/2023	0.027	0.022	0.056			0.022	0.02	0.014
3/1/2023				0.023	0.019			
8/2/2023						0.018		
8/3/2023	0.027 (B)	0.021	0.055	0.021	0.02		0.018	0.013 (B)
2/29/2024						0.021		
3/4/2024	0.032	0.022	0.057	0.025	0.019		0.022	0.015
8/6/2024						0.019		
8/8/2024	0.038	0.024	0.048	0.029			0.023	0.015
8/9/2024					0.021			
2/25/2025						0.019	0.024	
2/26/2025	0.031	0.023	0.052	0.033	0.019			0.014

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/24/2025 10:41 AM View: Appendix I - Two Step

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-46 (bg)	GWA-47 (bg)	GWA-45 (bg)	GWC-52	GWA-49 (bg)	GWA-48 (bg)	GWC-51	GWA-22 (bg)	GWA-21 (bg)
12/20/2010	0.0036 (J)	0.0064	<0.002						
12/21/2010				0.01	0.0073	0.0094			
12/22/2010							0.0036 (J)	0.0029 (J)	0.0052
2/1/2011	0.0037 (J)	0.015							
2/14/2011			<0.002		0.0051	0.028		0.0027 (J)	0.0057
2/15/2011				0.0087			0.0038 (J)		
3/21/2011	0.004 (J)		<0.002	0.0083	0.0067				
3/22/2011							0.0022 (J)	0.0049 (J)	0.0055
3/23/2011		0.0084				0.0042 (J)			
4/26/2011	0.0037 (I)		<0.002		0.0065			0.0048 (I)	0.0069
4/27/2011		0.011				<0.002	0.0042 (I)		
4/28/2011				0.0076					
10/25/2011						0.0062			
10/26/2011		0.0061	<0.002	0.0078	0.0068		0.0042 (J)		
10/27/2011	0.0047 (J)							0.0023 (J)	0.011
5/1/2012		0.0072	<0.002	0.0049 (I)		0.011		0.0051	0.0056
5/2/2012	0.005				0.011		0.0037 (I)		
11/8/2012	0.0081	0.015	<0.002		0.0052	0.0089	<0.002	0.0034 (J)	<0.002
11/9/2012				0.0066					
5/7/2013	0.0035 (J)	0.044				0.019		0.0078	0.0036 (J)
5/8/2013			<0.002	0.0082	0.0059		0.0032 (J)		
11/4/2013	0.0056 (JV)		<0.002	0.013 (V)			0.0063 (JV)	0.0055 (JV)	0.0032 (JV)
11/5/2013		0.023			0.0044 (JV)	0.0057 (JV)			
5/23/2014		0.022			0.0087 (J)	0.0084 (J)			
5/24/2014	0.005 (J)		<0.002	0.012			0.003 (J)	0.0075 (J)	0.0043 (J)
11/7/2014	0.004 (J)	0.013	<0.002	0.0084 (J)	0.0048 (J)	0.011	<0.002		
11/8/2014								0.0048 (J)	<0.002
5/20/2015	0.0062 (J)		0.0025 (J)						
5/21/2015		0.029			0.006 (J)	0.013		0.0082 (J)	0.002 (J)
5/22/2015				0.0096 (J)			0.0023 (J)		
11/12/2015		0.045			0.007 (J)	0.015			
11/13/2015	0.0067 (J)		0.0042 (J)	0.011			0.0042 (J)	0.0079 (J)	<0.002
4/6/2016									0.00278 (J)
4/7/2016	0.00467 (J)		<0.002		0.0056 (J)	0.00498 (J)			
4/8/2016		0.00752 (J)						0.00878 (J)	
4/11/2016				0.0101			0.00309 (J)		
6/14/2016	0.0041 (J)	0.007 (J)	0.00055 (J)		0.0048 (J)			0.0071 (J)	0.0014 (J)
6/16/2016				0.01			0.0025 (J)		
6/17/2016						0.004 (J)			
8/9/2016	0.0041	0.008	<0.002		0.0053			0.0079	
8/10/2016						0.0047	0.0023 (J)		0.0019 (J)
8/11/2016				0.0097					
10/10/2016	0.0041		<0.002						
10/11/2016		0.0079			0.0058			0.0069	0.0024 (J)
10/13/2016				0.012			0.0028		
10/14/2016						0.0056			
12/2/2016	0.0039		<0.002		0.0071				0.0023 (J)
12/5/2016		0.0057		0.012			0.0032	0.0077	
12/19/2016						0.0039			
2/9/2017			<0.002		0.0051				
2/10/2017	0.0044	0.0062						0.0098	0.0021 (J)
2/13/2017				0.011		0.0059	0.0021 (J)		

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 4/24/2025 10:41 AM View: Appendix I - Two Step

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-46 (bg)	GWA-47 (bg)	GWA-45 (bg)	GWC-52	GWA-49 (bg)	GWA-48 (bg)	GWC-51	GWA-22 (bg)	GWA-21 (bg)
4/7/2017	0.0046	0.0072	<0.002		0.006	0.0051		0.0081	
4/10/2017							0.0022 (J)		0.002 (J)
4/11/2017				0.011					
6/22/2017		0.0074	<0.002		0.0056	0.005			
6/23/2017	0.005						0.0025		0.0018 (J)
6/24/2017				0.0095					
6/26/2017								0.0084	
10/9/2017								0.0082	0.0016 (J)
10/10/2017	0.0088	0.0072	<0.002		0.0073	0.005			
10/11/2017				0.0096			0.0027		
3/22/2018		0.0074	<0.002		0.0051				
3/23/2018	0.0045					0.005			
3/26/2018				0.012			0.0028	0.0088	0.0011 (J)
10/3/2018			<0.002		0.0052	0.0051		0.0086	0.0014 (J)
10/4/2018	0.0047			0.016			0.0041		
10/5/2018		0.0083							
3/27/2019	0.0048	0.0081	<0.002		0.0056	0.0051	0.0044	0.0078	0.003
3/28/2019				0.019					
9/12/2019	0.0051 (B)	0.0088 (B)	<0.002	0.027 (B)	0.0075 (B)	0.0085 (B)	0.0043 (B)	0.0092 (B)	0.0047 (B)
3/19/2020	0.0043		<0.002	0.029	0.0055	0.0063	0.0032	0.011	0.0026
3/20/2020		0.0085							
9/10/2020					0.0063			0.0077	0.0019 (J)
9/11/2020	0.0042	0.0081	<0.002	0.028		0.0053	0.0041		
4/2/2021			<0.002					0.01	0.0029
4/5/2021	0.0041	0.0084		0.031		0.0061	0.0054		
4/6/2021					0.0055				
8/12/2021	0.0045		<0.002		0.0096	0.0058		0.008	0.0016 (J)
8/13/2021		0.0082					0.0087		
8/17/2021				0.034					
2/14/2022	0.0047	0.0086	<0.002	0.036	0.0076	0.0058			0.0026
2/15/2022							0.0054	0.013	
8/26/2022								0.0078	0.0016 (J)
8/30/2022					0.0064				
8/31/2022	0.0048	0.0084	<0.002	0.038		0.0059	0.0047		
2/28/2023	0.0047	0.0084	<0.002			0.0058	0.0047	0.01	0.0024
3/1/2023				0.038	0.0057				
8/2/2023									0.0028
8/3/2023	0.0053	0.0092	0.0012 (J)	0.035	0.0065	0.0056	0.0063	0.0089	
2/29/2024									0.0021
3/4/2024	0.0048	0.01	0.0016 (J)	0.033	0.006	0.0063	0.0064	0.011	
8/6/2024									0.0021
8/8/2024	0.006	0.012	<0.002	0.033		0.0061	0.0064	0.013	
8/9/2024					0.0059				
2/25/2025								0.01	<0.002
2/26/2025	0.0048	0.01	0.0012 (J)	0.026	0.0057	0.0061	0.0078		

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/24/2025 10:41 AM View: Appendix I - Two Step

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-47 (bg)	GWA-46 (bg)	GWA-45 (bg)	GWA-48 (bg)	GWC-52	GWA-49 (bg)	GWC-51	GWC-50	GWA-22 (bg)
12/20/2010	0.0051 (J)	0.0024 (J)	<0.0025						
12/21/2010				0.0091 (J)	0.01	0.016			
12/22/2010							0.0027 (J)	<0.0025	<0.0025
2/1/2011	0.012	0.0021 (J)							
2/14/2011			<0.0025	0.013		0.016			<0.0025
2/15/2011					0.0098 (J)		0.0036 (J)	<0.0025	
3/21/2011		0.0025 (J)	<0.0025		0.012	0.018			
3/22/2011							0.004 (J)	0.0034 (J)	0.0032 (J)
3/23/2011	0.015			0.01					
4/26/2011		0.0033 (I)	0.0022 (I)			0.018			<0.0025
4/27/2011	0.022			0.0078 (I)			0.0046 (I)	0.0032 (I)	
4/28/2011					0.011				
10/25/2011				0.012					
10/26/2011	0.0043 (J)		<0.0025		0.012	0.018	<0.0025	<0.0025	
10/27/2011		0.003 (J)							<0.0025
5/1/2012	0.0069 (I)		0.0036 (I)	0.019	0.011				0.0037 (I)
5/2/2012		0.0051 (I)				0.021	0.0055 (I)	0.0039 (I)	
11/8/2012	0.013	0.02 (O)	0.0062 (J)	0.015		0.019	0.0042 (J)	0.0034 (J)	<0.0025
11/9/2012					0.011				
5/7/2013	0.017	0.0036 (J)		0.017					0.0041 (J)
5/8/2013			<0.0025		0.01	0.02	0.0046 (J)	<0.0025	
11/4/2013		0.0043 (J)	<0.0025		0.011		0.0042 (J)	0.0035 (J)	<0.0025
11/5/2013	0.013			0.015		0.018			
5/23/2014	0.041 (O)			0.017		0.018			
5/24/2014		0.0033 (J)	<0.0025		0.012		0.0061 (J)	0.0036 (J)	<0.0025
11/7/2014	0.0069 (J)	<0.0025	<0.0025	0.013	0.01	0.018	0.0032 (J)		
11/8/2014								<0.0025	<0.0025
5/20/2015		0.0062 (J)	<0.0025						
5/21/2015	0.016			0.016		0.02			0.0052 (J)
5/22/2015					0.013		0.0056 (J)	0.0044 (J)	
11/12/2015	0.013			0.018		0.016			
11/13/2015		0.0046 (J)	<0.0025		0.014		<0.0025	<0.0025	<0.0025
4/6/2016									
4/7/2016		0.00293 (J)	<0.0025	0.016		0.0182			
4/8/2016	0.00606 (J)								0.00339 (J)
4/11/2016					0.0107		0.00415 (J)	0.00254 (J)	
10/10/2016		0.0031	<0.0025						
10/11/2016	0.011					0.023		0.0056	0.0037
10/13/2016					0.011		0.0047		
10/14/2016				0.018					
4/7/2017	0.0073	0.0041	<0.0025	0.017		0.02		0.0024 (J)	0.0033
4/10/2017							0.0043		
4/11/2017					0.011				
10/9/2017									<0.0025
10/10/2017	0.0032	<0.0025	0.0014 (J)	0.015		0.016		<0.0025	
10/11/2017					0.012		0.0052		
3/22/2018	0.0068		<0.0025			0.018			
3/23/2018		0.0032		0.016				0.0023 (J)	
3/26/2018					0.0096		0.004		0.0029
10/3/2018			<0.0025	0.017		0.018			0.0022 (J)
10/4/2018		0.0034			0.013		0.0066	0.0037	
10/5/2018	0.0092								

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/24/2025 10:41 AM View: Appendix I - Two Step

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-47 (bg)	GWA-46 (bg)	GWA-45 (bg)	GWA-48 (bg)	GWC-52	GWA-49 (bg)	GWC-51	GWC-50	GWA-22 (bg)
3/27/2019	0.012 (B)	0.0072 (B)	0.0023 (JB)	0.022 (B)		0.021 (B)	0.0087 (B)		0.0071
3/28/2019					0.01			0.0053	
9/12/2019	0.0075	0.0033	0.0017	0.019	0.011	0.02	0.0047	0.0028	0.0025
3/19/2020		0.0033	0.0031	0.019	0.01	0.02	0.0046	0.0027	0.0052
3/20/2020	0.0086								
9/10/2020						0.018		0.0026	0.0025
9/11/2020	0.007	0.0026	0.0015	0.017	0.0099		0.0042		
4/2/2021			0.0014						0.0045
4/5/2021	0.0085	0.003		0.019	0.011		0.0059		
4/6/2021						0.021		0.0026	
8/12/2021		0.0031	0.0017	0.019		0.02			0.0028
8/13/2021	0.0078						0.0072	0.0093	
8/17/2021					0.011				
2/14/2022	0.0076	0.0032	0.0028	0.019	0.011	0.02		0.0042	
2/15/2022							0.0049		0.0083
8/26/2022									0.002
8/30/2022						0.019			
8/31/2022	0.0073	0.0027	0.0011	0.018	0.01		0.0038	0.0031	
2/28/2023	0.0078	0.0037	0.0018	0.02			0.0052		0.0071
3/1/2023					0.011	0.019		<0.0025	
8/2/2023									
8/3/2023	0.0072	0.0026	0.0012 (J)	0.017	0.0088	0.019	0.0041	0.0029	0.0037
2/29/2024									
3/4/2024	0.0078	0.0028	0.0024	0.018	0.0098	0.018	0.0041	0.0025	0.0081
8/6/2024									
8/8/2024	0.0079	0.0019 (J)	0.00075 (J)	0.018	0.009		0.0039	0.0021	0.0034
8/9/2024						0.019			
2/25/2025									0.008
2/26/2025	0.0097	0.0069	0.0082	0.021	0.014	0.026	0.01	0.009	

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/24/2025 10:41 AM View: Appendix I - Two Step

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)
12/20/2010	
12/21/2010	
12/22/2010	<0.0025
2/1/2011	
2/14/2011	<0.0025
2/15/2011	
3/21/2011	
3/22/2011	0.0028 (J)
3/23/2011	
4/26/2011	0.0025 (I)
4/27/2011	
4/28/2011	
10/25/2011	
10/26/2011	
10/27/2011	<0.0025
5/1/2012	0.004 (I)
5/2/2012	
11/8/2012	<0.0025
11/9/2012	
5/7/2013	<0.0025
5/8/2013	
11/4/2013	<0.0025
11/5/2013	
5/23/2014	
5/24/2014	<0.0025
11/7/2014	
11/8/2014	<0.0025
5/20/2015	
5/21/2015	<0.0025
5/22/2015	
11/12/2015	
11/13/2015	<0.0025
4/6/2016	0.00201 (J)
4/7/2016	
4/8/2016	
4/11/2016	
10/10/2016	
10/11/2016	0.0067
10/13/2016	
10/14/2016	
4/7/2017	
4/10/2017	0.002 (J)
4/11/2017	
10/9/2017	<0.0025
10/10/2017	
10/11/2017	
3/22/2018	
3/23/2018	
3/26/2018	0.0014 (J)
10/3/2018	0.0023 (J)
10/4/2018	
10/5/2018	

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 4/24/2025 10:41 AM View: Appendix I - Two Step

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)
3/27/2019	0.0072
3/28/2019	
9/12/2019	0.0031
3/19/2020	0.003
3/20/2020	
9/10/2020	0.0027
9/11/2020	
4/2/2021	0.0029
4/5/2021	
4/6/2021	
8/12/2021	0.004
8/13/2021	
8/17/2021	
2/14/2022	0.0033
2/15/2022	
8/26/2022	0.0028
8/30/2022	
8/31/2022	
2/28/2023	0.0036
3/1/2023	
8/2/2023	0.0035
8/3/2023	
2/29/2024	0.0025
3/4/2024	
8/6/2024	0.003
8/8/2024	
8/9/2024	
2/25/2025	0.0014 (J)
2/26/2025	

FIGURE G.

Appendix I Trend Tests - Significant Results

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 4/24/2025, 10:43 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Barium (mg/L)	**GWA-22 (bg)**	**-0.0003365**	**-231**	**-199**	**Yes**	**37**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Barium (mg/L)	**GWA-45 (bg)**	**0.003319**	**363**	**167**	**Yes**	**33**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Barium (mg/L)	**GWA-46 (bg)**	**0.0003667**	**361**	**191**	**Yes**	**36**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Barium (mg/L)	**GWC-52**	**0.001198**	**556**	**199**	**Yes**	**37**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chromium (mg/L)	**GWA-22 (bg)**	**0.0005054**	**428**	**199**	**Yes**	**37**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chromium (mg/L)	**GWC-51**	**0.0001885**	**216**	**199**	**Yes**	**37**	**5.405**	**n/a**	**n/a**	**0.01**	**NP**
Chromium (mg/L)	**GWC-52**	**0.002039**	**445**	**199**	**Yes**	**37**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Vanadium (mg/L)	**GWA-48 (bg)**	**0.000485**	**267**	**161**	**Yes**	**32**	**0**	**n/a**	**n/a**	**0.01**	**NP**

Appendix I Trend Tests - All Results

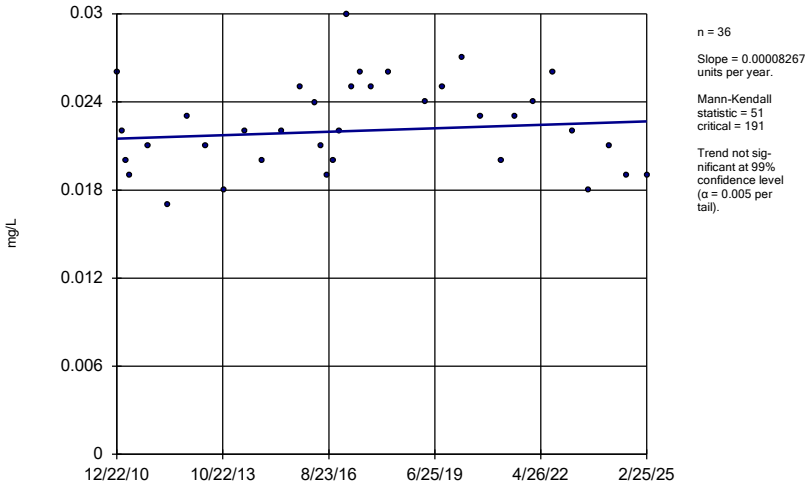
Plant Scherer Client: Southern Company Data: Scherer PAC Printed 4/24/2025, 10:43 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Barium (mg/L)	GWA-21 (bg)	0.00008267	51	191	No	36	0	n/a	n/a	0.01	NP
Barium (mg/L)	**GWA-22 (bg)**	**-0.0003365**	**-231**	**-199**	**Yes**	**37**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Barium (mg/L)	**GWA-45 (bg)**	**0.003319**	**363**	**167**	**Yes**	**33**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Barium (mg/L)	**GWA-46 (bg)**	**0.0003667**	**361**	**191**	**Yes**	**36**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Barium (mg/L)	GWA-47 (bg)	0	-31	-191	No	36	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWA-48 (bg)	0	16	184	No	35	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWA-49 (bg)	0	46	199	No	37	0	n/a	n/a	0.01	NP
Barium (mg/L)	**GWC-52**	**0.001198**	**556**	**199**	**Yes**	**37**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chromium (mg/L)	GWA-21 (bg)	-0.0001899	-183	-199	No	37	10.81	n/a	n/a	0.01	NP
Chromium (mg/L)	**GWA-22 (bg)**	**0.0005054**	**428**	**199**	**Yes**	**37**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chromium (mg/L)	GWA-45 (bg)	0	-104	-199	No	37	83.78	n/a	n/a	0.01	NP
Chromium (mg/L)	GWA-46 (bg)	0.00005921	164	199	No	37	0	n/a	n/a	0.01	NP
Chromium (mg/L)	GWA-47 (bg)	0.00008538	63	199	No	37	0	n/a	n/a	0.01	NP
Chromium (mg/L)	GWA-48 (bg)	-0.00002111	-28	-199	No	37	2.703	n/a	n/a	0.01	NP
Chromium (mg/L)	GWA-49 (bg)	0.00001305	24	199	No	37	0	n/a	n/a	0.01	NP
Chromium (mg/L)	**GWC-51**	**0.0001885**	**216**	**199**	**Yes**	**37**	**5.405**	**n/a**	**n/a**	**0.01**	**NP**
Chromium (mg/L)	**GWC-52**	**0.002039**	**445**	**199**	**Yes**	**37**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Vanadium (mg/L)	GWA-21 (bg)	6.2e-12	72	161	No	32	34.38	n/a	n/a	0.01	NP
Vanadium (mg/L)	GWA-22 (bg)	0.00009366	143	161	No	32	31.25	n/a	n/a	0.01	NP
Vanadium (mg/L)	GWA-45 (bg)	-0.00003386	-147	-161	No	32	46.88	n/a	n/a	0.01	NP
Vanadium (mg/L)	GWA-46 (bg)	0	-6	-152	No	31	6.452	n/a	n/a	0.01	NP
Vanadium (mg/L)	GWA-47 (bg)	-0.0002681	-52	-152	No	31	0	n/a	n/a	0.01	NP
Vanadium (mg/L)	**GWA-48 (bg)**	**0.000485**	**267**	**161**	**Yes**	**32**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Vanadium (mg/L)	GWA-49 (bg)	0.0001069	129	161	No	32	0	n/a	n/a	0.01	NP
Vanadium (mg/L)	GWC-50	0.00007466	68	161	No	32	25	n/a	n/a	0.01	NP
Vanadium (mg/L)	GWC-51	0.00005868	73	161	No	32	6.25	n/a	n/a	0.01	NP
Vanadium (mg/L)	GWC-52	0	-71	-161	No	32	0	n/a	n/a	0.01	NP

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Sen's Slope Estimator

GWA-21 (bg)



n = 36

Slope = 0.00008267 units per year.

Mann-Kendall statistic = 51
critical = 191

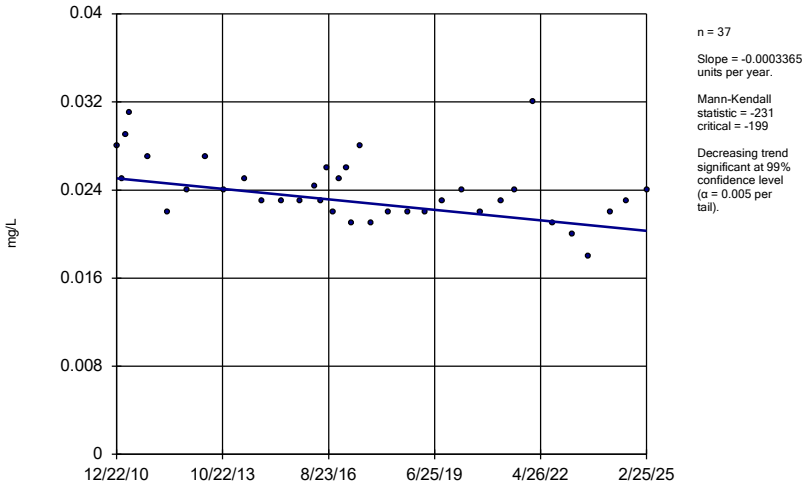
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Barium Analysis Run 4/24/2025 10:41 AM View: Appendix I - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC

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Sen's Slope Estimator

GWA-22 (bg)



n = 37

Slope = -0.0003365 units per year.

Mann-Kendall statistic = -231
critical = -199

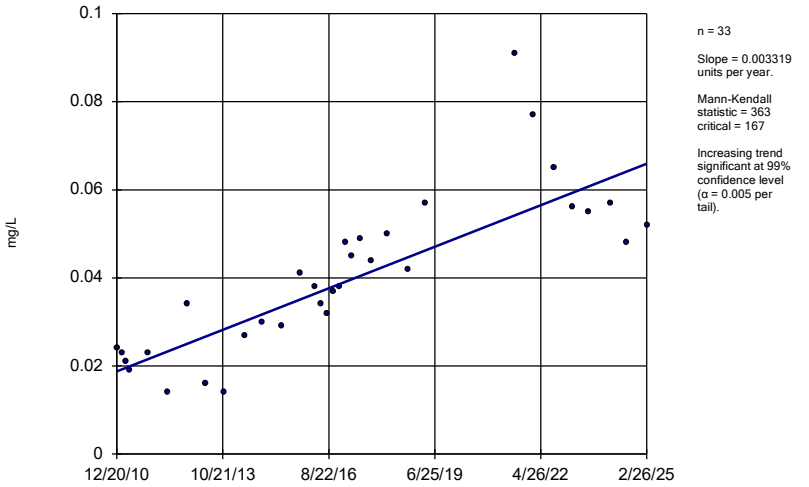
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Barium Analysis Run 4/24/2025 10:41 AM View: Appendix I - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC

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Sen's Slope Estimator

GWA-45 (bg)



n = 33

Slope = 0.003319 units per year.

Mann-Kendall statistic = 363
critical = 167

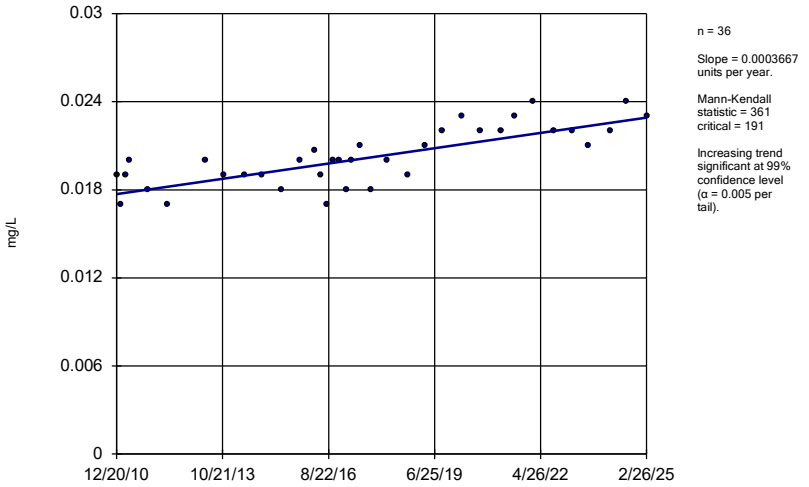
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Barium Analysis Run 4/24/2025 10:41 AM View: Appendix I - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC

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Sen's Slope Estimator

GWA-46 (bg)



n = 36

Slope = 0.0003667 units per year.

Mann-Kendall statistic = 361
critical = 191

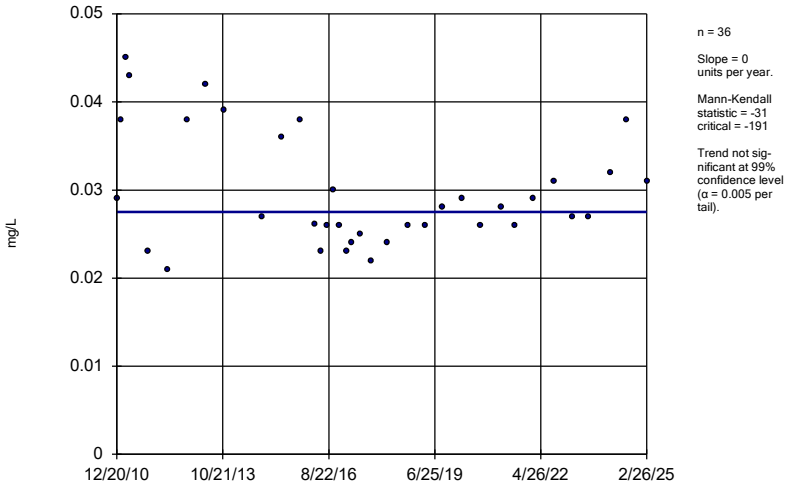
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Barium Analysis Run 4/24/2025 10:41 AM View: Appendix I - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Sen's Slope Estimator

GWA-47 (bg)



n = 36

Slope = 0 units per year.

Mann-Kendall statistic = -31 critical = -191

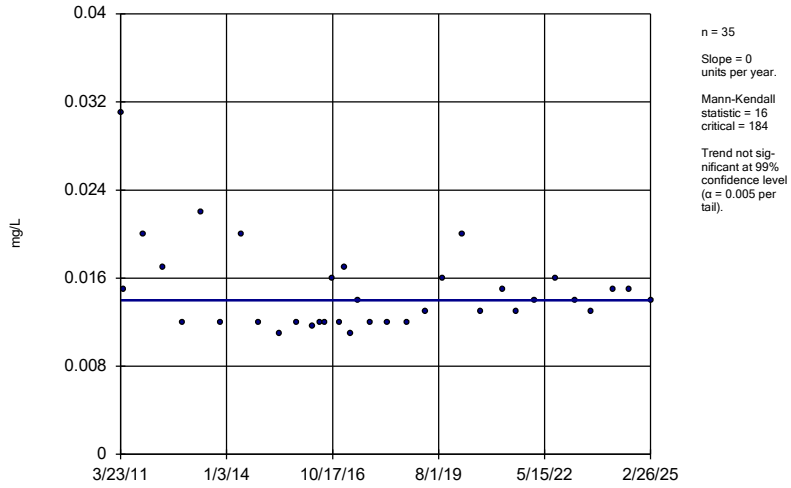
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Barium Analysis Run 4/24/2025 10:41 AM View: Appendix I - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC

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Sen's Slope Estimator

GWA-48 (bg)



n = 35

Slope = 0 units per year.

Mann-Kendall statistic = 16 critical = 184

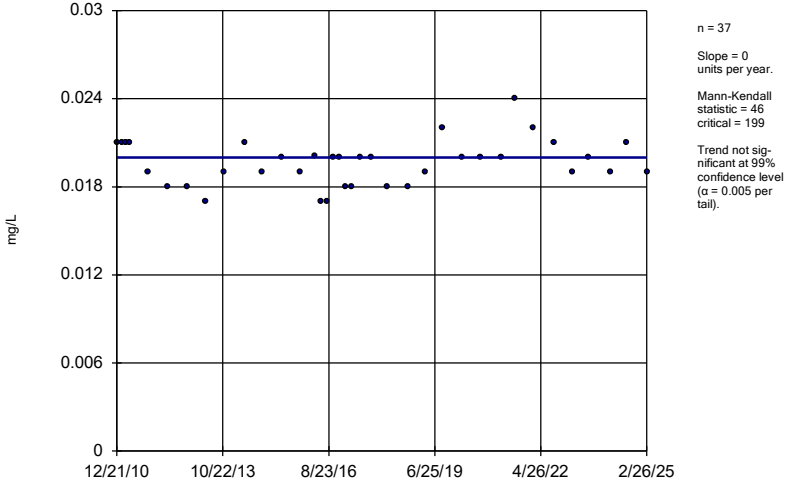
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Barium Analysis Run 4/24/2025 10:41 AM View: Appendix I - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC

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Sen's Slope Estimator

GWA-49 (bg)



n = 37

Slope = 0 units per year.

Mann-Kendall statistic = 46 critical = 199

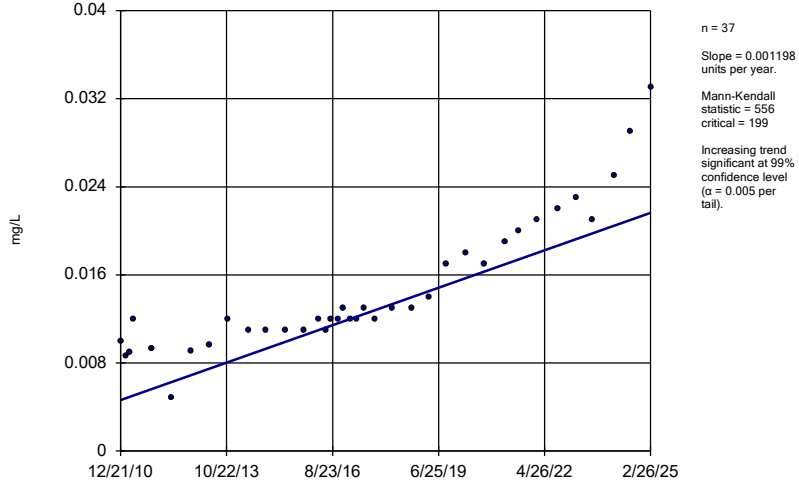
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Barium Analysis Run 4/24/2025 10:41 AM View: Appendix I - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC

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Sen's Slope Estimator

GWC-52



n = 37

Slope = 0.001198 units per year.

Mann-Kendall statistic = 556 critical = 199

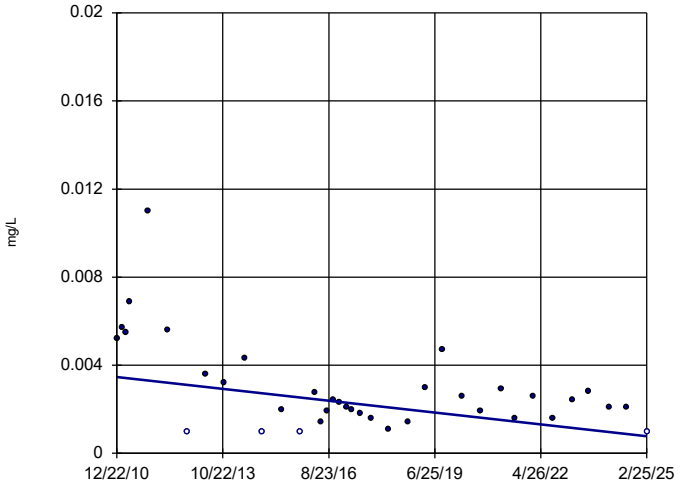
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Barium Analysis Run 4/24/2025 10:41 AM View: Appendix I - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-21 (bg)



n = 37

Slope = -0.0001899 units per year.

Mann-Kendall statistic = -183
critical = -199

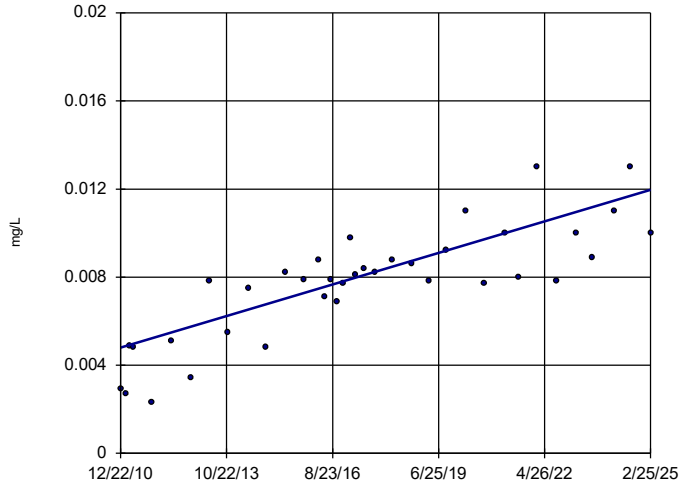
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chromium Analysis Run 4/24/2025 10:41 AM View: Appendix I - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC

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Sen's Slope Estimator

GWA-22 (bg)



n = 37

Slope = 0.0005054 units per year.

Mann-Kendall statistic = 428
critical = 199

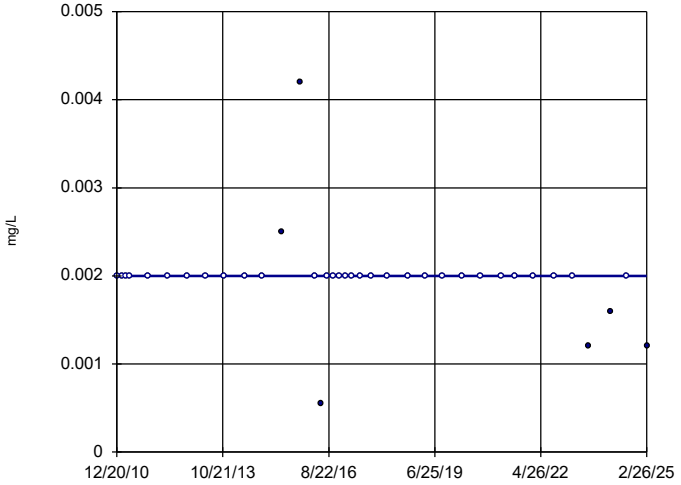
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chromium Analysis Run 4/24/2025 10:41 AM View: Appendix I - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-45 (bg)



n = 37

Slope = 0 units per year.

Mann-Kendall statistic = -104
critical = -199

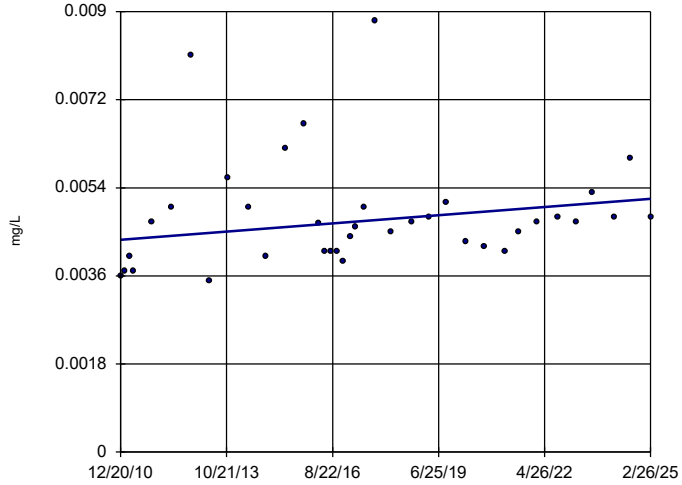
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chromium Analysis Run 4/24/2025 10:41 AM View: Appendix I - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Sen's Slope Estimator

GWA-46 (bg)



n = 37

Slope = 0.00005921 units per year.

Mann-Kendall statistic = 164
critical = 199

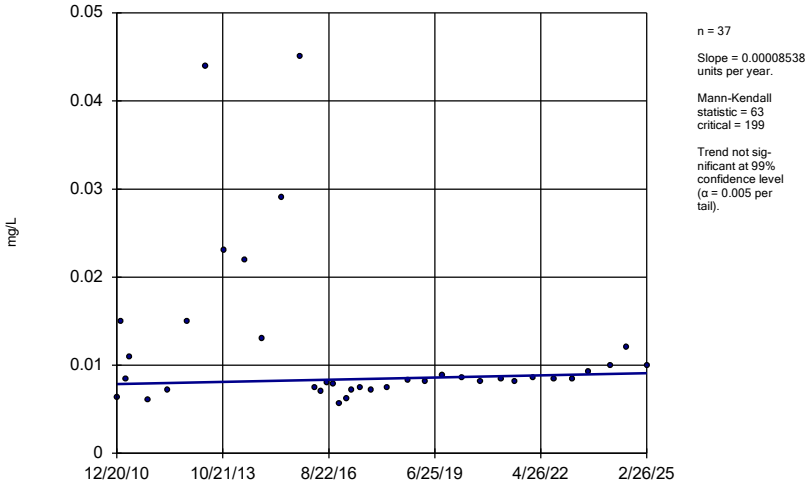
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chromium Analysis Run 4/24/2025 10:41 AM View: Appendix I - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC

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Sen's Slope Estimator

GWA-47 (bg)



n = 37

Slope = 0.00008538 units per year.

Mann-Kendall statistic = 63
critical = 199

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chromium Analysis Run 4/24/2025 10:41 AM View: Appendix I - Trend Tests

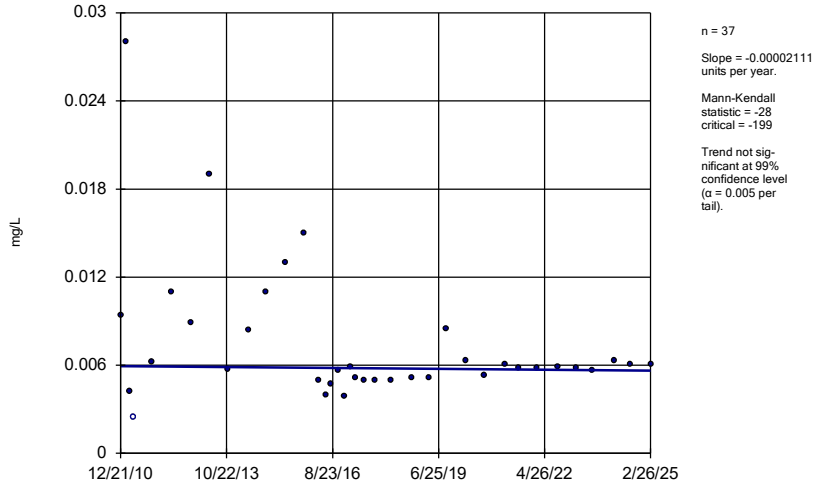
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-48 (bg)



n = 37

Slope = -0.00002111 units per year.

Mann-Kendall statistic = -28
critical = -199

Trend not significant at 99% confidence level (α = 0.005 per tail).

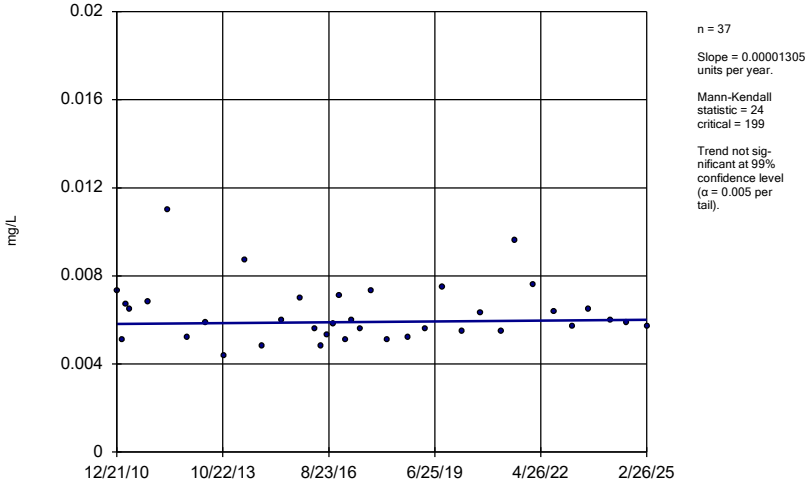
Constituent: Chromium Analysis Run 4/24/2025 10:41 AM View: Appendix I - Trend Tests

Plant Scherer Client: Southern Company Data: Scherer PAC

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Sen's Slope Estimator

GWA-49 (bg)



n = 37

Slope = 0.00001305 units per year.

Mann-Kendall statistic = 24
critical = 199

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chromium Analysis Run 4/24/2025 10:41 AM View: Appendix I - Trend Tests

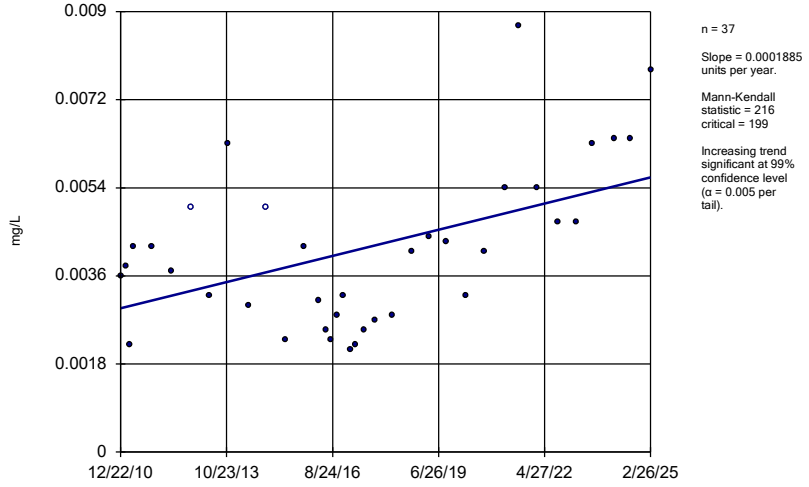
Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.

Sen's Slope Estimator

GWC-51



n = 37

Slope = 0.0001885 units per year.

Mann-Kendall statistic = 216
critical = 199

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

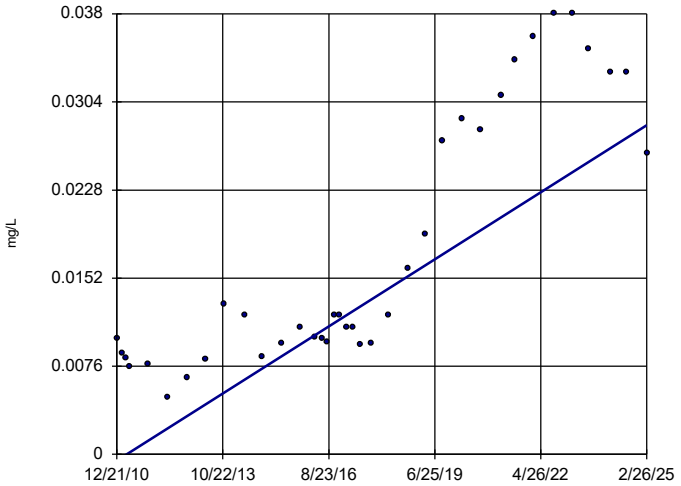
Constituent: Chromium Analysis Run 4/24/2025 10:41 AM View: Appendix I - Trend Tests

Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Sen's Slope Estimator

GWC-52



n = 37

Slope = 0.002039 units per year.

Mann-Kendall statistic = 445
critical = 199

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chromium Analysis Run 4/24/2025 10:41 AM View: Appendix I - Trend Tests

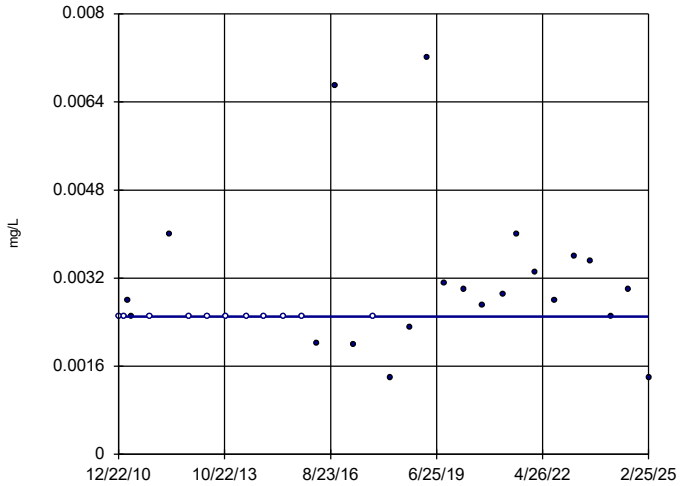
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-21 (bg)



n = 32

Slope = 6.2e-12 units per year.

Mann-Kendall statistic = 72
critical = 161

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Vanadium Analysis Run 4/24/2025 10:42 AM View: Appendix I - Trend Tests

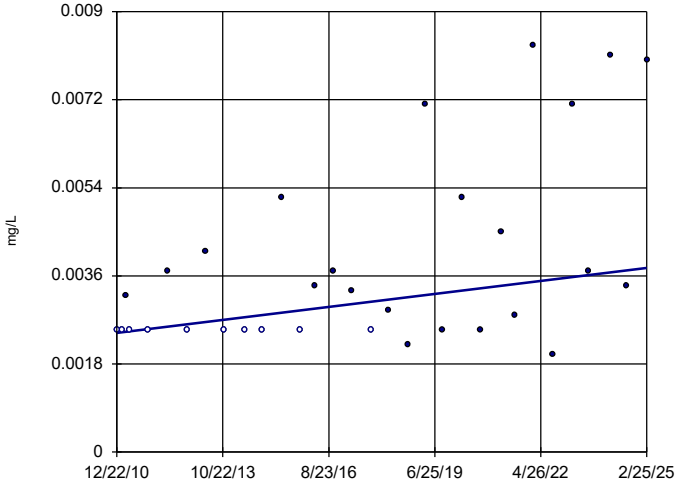
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-22 (bg)



n = 32

Slope = 0.00009366 units per year.

Mann-Kendall statistic = 143
critical = 161

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Vanadium Analysis Run 4/24/2025 10:42 AM View: Appendix I - Trend Tests

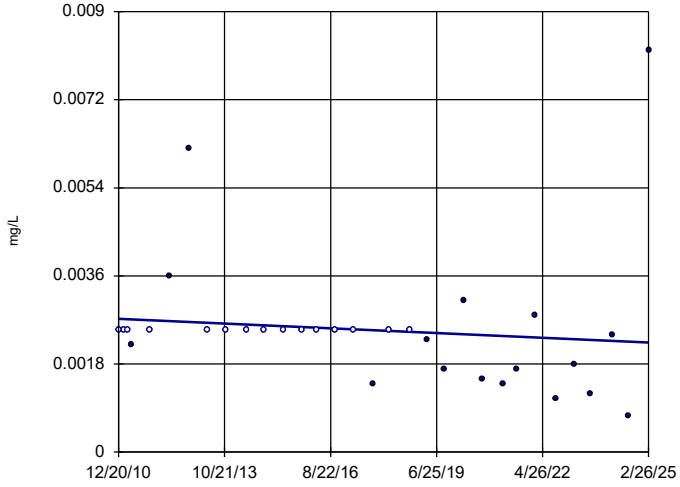
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-45 (bg)



n = 32

Slope = -0.00003386 units per year.

Mann-Kendall statistic = -147
critical = -161

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Vanadium Analysis Run 4/24/2025 10:42 AM View: Appendix I - Trend Tests

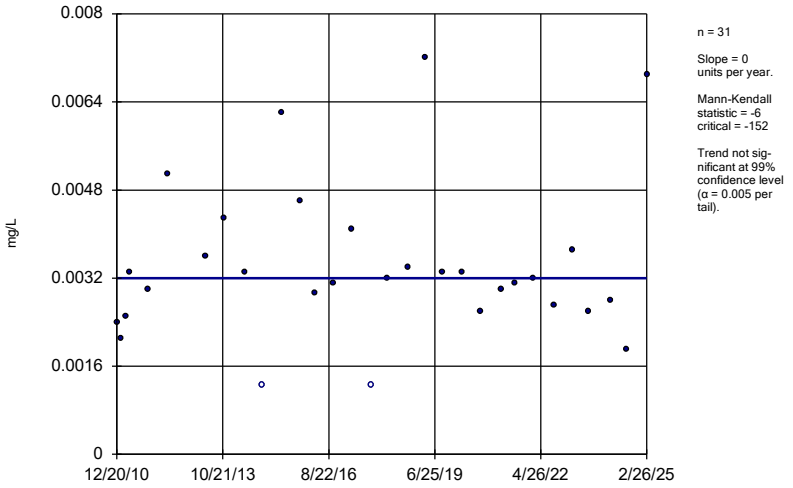
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-46 (bg)



n = 31

Slope = 0 units per year.

Mann-Kendall statistic = -6
critical = -152

Trend not significant at 99% confidence level (α = 0.005 per tail).

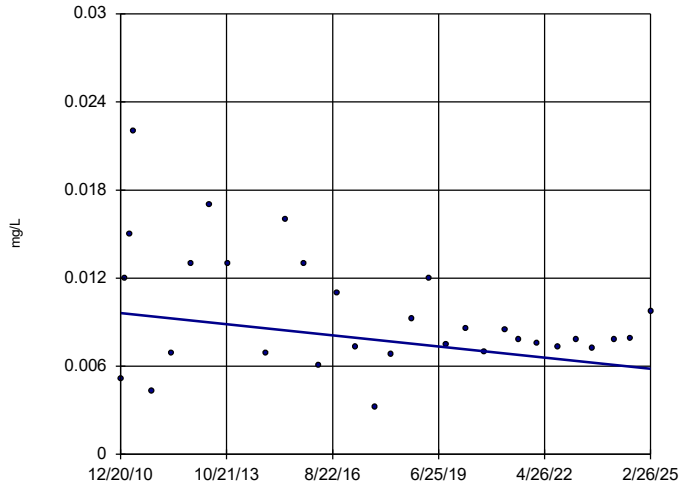
Constituent: Vanadium Analysis Run 4/24/2025 10:42 AM View: Appendix I - Trend Tests

Plant Scherer Client: Southern Company Data: Scherer PAC

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Sen's Slope Estimator

GWA-47 (bg)



n = 31

Slope = -0.0002681 units per year.

Mann-Kendall statistic = -52
critical = -152

Trend not significant at 99% confidence level (α = 0.005 per tail).

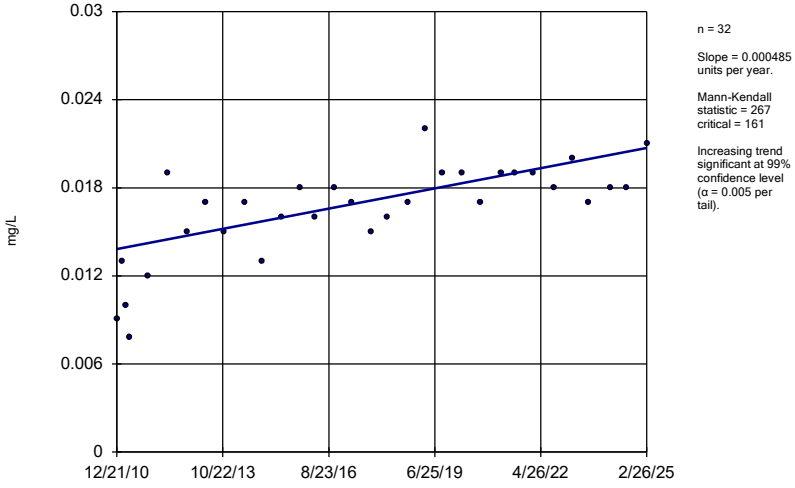
Constituent: Vanadium Analysis Run 4/24/2025 10:42 AM View: Appendix I - Trend Tests

Plant Scherer Client: Southern Company Data: Scherer PAC

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Sen's Slope Estimator

GWA-48 (bg)



n = 32

Slope = 0.000485 units per year.

Mann-Kendall statistic = 267
critical = 161

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

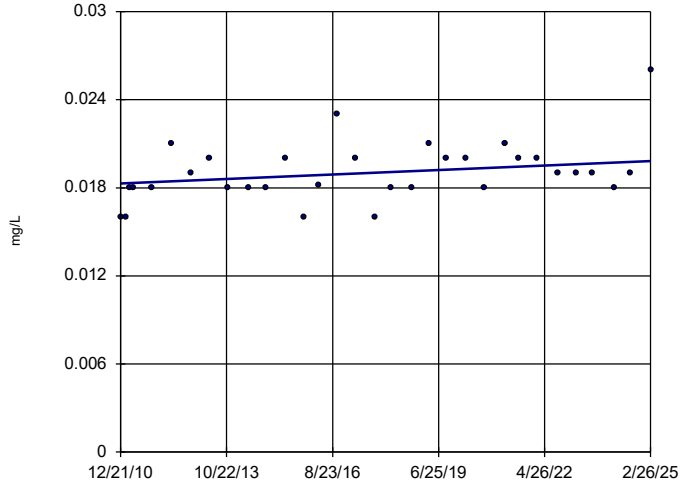
Constituent: Vanadium Analysis Run 4/24/2025 10:42 AM View: Appendix I - Trend Tests

Plant Scherer Client: Southern Company Data: Scherer PAC

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Sen's Slope Estimator

GWA-49 (bg)



n = 32

Slope = 0.0001069 units per year.

Mann-Kendall statistic = 129
critical = 161

Trend not significant at 99% confidence level (α = 0.005 per tail).

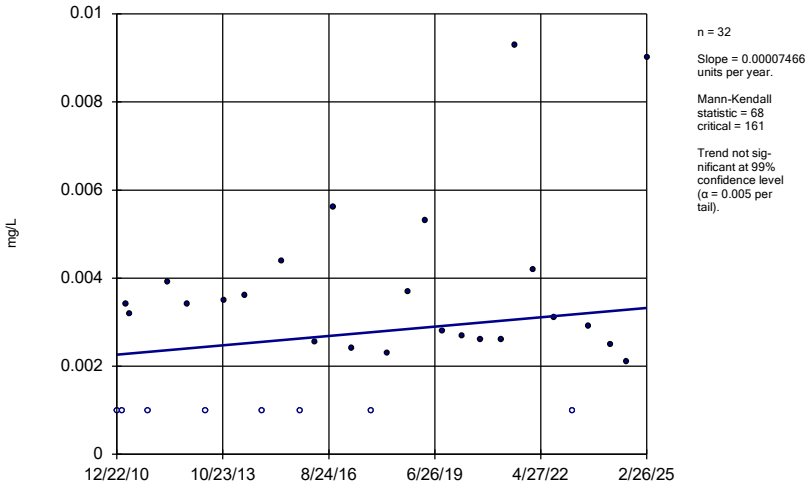
Constituent: Vanadium Analysis Run 4/24/2025 10:42 AM View: Appendix I - Trend Tests

Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.

Sen's Slope Estimator

GWC-50



n = 32

Slope = 0.00007466 units per year.

Mann-Kendall statistic = 68
critical = 161

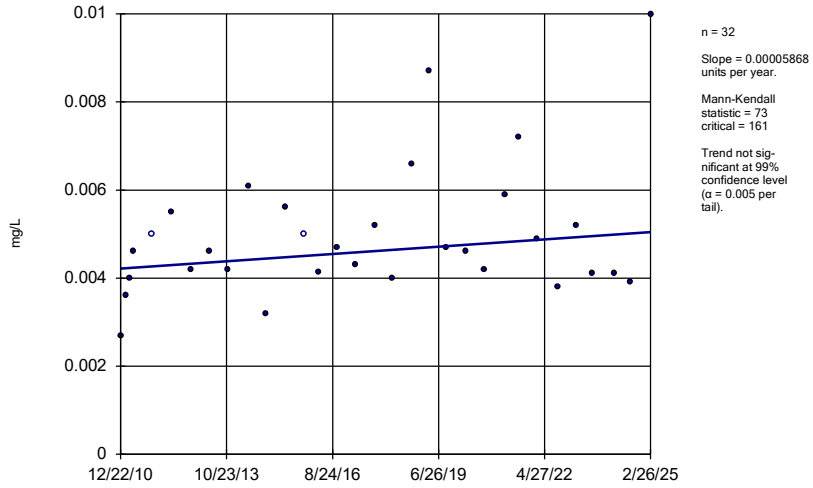
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Vanadium Analysis Run 4/24/2025 10:42 AM View: Appendix I - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWC-51



n = 32

Slope = 0.00005868 units per year.

Mann-Kendall statistic = 73
critical = 161

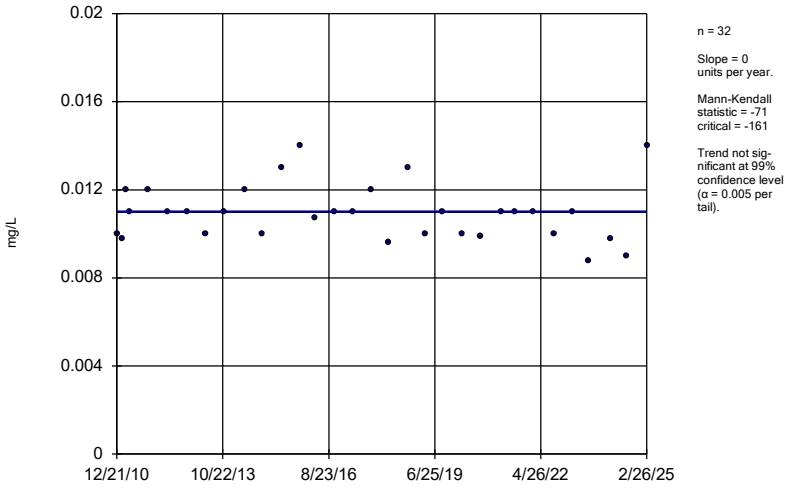
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Vanadium Analysis Run 4/24/2025 10:42 AM View: Appendix I - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC

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Sen's Slope Estimator

GWC-52



n = 32

Slope = 0 units per year.

Mann-Kendall statistic = -71
critical = -161

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Vanadium Analysis Run 4/24/2025 10:42 AM View: Appendix I - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC

FIGURE H.

Appendix III Intrawell Prediction Limits - Significant Results

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 4/24/2025, 9:58 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Calcium (mg/L)	**GWC-52**	**22.55**	**n/a**	**2/26/2025**	**27**	**Yes**	**19**	**15.64**	**3.322**	**0**	**None**	**No**	**0.001504**	**Param Intra 1 of 2**
Chloride (mg/L)	**GWA-48**	**1.99**	**n/a**	**2/26/2025**	**2**	**Yes**	**22**	**1.747**	**0.1197**	**0**	**None**	**No**	**0.001504**	**Param Intra 1 of 2**
Chloride (mg/L)	**GWC-51**	**8.476**	**n/a**	**2/26/2025**	**8.7**	**Yes**	**22**	**7.195**	**0.6306**	**0**	**None**	**No**	**0.001504**	**Param Intra 1 of 2**
Chloride (mg/L)	**GWC-52**	**8.531**	**n/a**	**2/26/2025**	**8.6**	**Yes**	**22**	**237487**	**72936**	**0**	**None**	**x^6**	**0.001504**	**Param Intra 1 of 2**
pH, Field (SU)	**GWA-21**	**6.053**	**5.549**	**2/25/2025**	**6.07**	**Yes**	**37**	**5.801**	**0.1319**	**0**	**None**	**No**	**0.000752**	**Param Intra 1 of 2**
pH, Field (SU)	**GWA-22**	**6.345**	**5.588**	**2/25/2025**	**6.66**	**Yes**	**36**	**5.966**	**0.198**	**0**	**None**	**No**	**0.000752**	**Param Intra 1 of 2**
pH, Field (SU)	**GWA-45**	**6.54**	**5.88**	**2/26/2025**	**6.85**	**Yes**	**39**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.002453**	**NP Intra (normality) 1 of 2**
pH, Field (SU)	**GWC-29**	**6.353**	**5.494**	**2/26/2025**	**6.54**	**Yes**	**37**	**5.924**	**0.2253**	**0**	**None**	**No**	**0.000752**	**Param Intra 1 of 2**
pH, Field (SU)	**GWC-51**	**6.04**	**5.68**	**2/26/2025**	**6.23**	**Yes**	**39**	**5.86**	**0.0948**	**0**	**None**	**No**	**0.000752**	**Param Intra 1 of 2**
pH, Field (SU)	**GWC-52**	**6.882**	**6.416**	**2/26/2025**	**7.03**	**Yes**	**39**	**6.649**	**0.1228**	**0**	**None**	**No**	**0.000752**	**Param Intra 1 of 2**
Sulfate (mg/L)	**GWC-51**	**3.662**	**n/a**	**2/26/2025**	**4.1**	**Yes**	**23**	**1.088**	**0.4091**	**39.13**	**Kaplan-Meier**	**sqrt(x)**	**0.001504**	**Param Intra 1 of 2**
Sulfate (mg/L)	**GWC-52**	**26.35**	**n/a**	**2/26/2025**	**94**	**Yes**	**11**	**12.57**	**5.74**	**9.091**	**None**	**No**	**0.001504**	**Param Intra 1 of 2**
Sulfate (mg/L)	**GWC-53**	**189.3**	**n/a**	**2/25/2025**	**190**	**Yes**	**23**	**158.9**	**15.05**	**0**	**None**	**No**	**0.001504**	**Param Intra 1 of 2**

Appendix III Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 4/24/2025, 9:58 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	GWA-21	0.08	n/a	2/25/2025	0.08ND	No	23	n/a	n/a	91.3	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-22	0.19	n/a	2/25/2025	0.08ND	No	23	n/a	n/a	86.96	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-45	1.349	n/a	2/26/2025	1	No	14	0.9786	0.1656	0	None	No	0.001504	Param Intra 1 of 2
Boron (mg/L)	GWA-46	0.11	n/a	2/26/2025	0.08ND	No	23	n/a	n/a	86.96	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-47	0.08	n/a	2/26/2025	0.08ND	No	23	n/a	n/a	91.3	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-48	0.12	n/a	2/26/2025	0.08ND	No	23	n/a	n/a	82.61	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWA-49	0.08	n/a	2/26/2025	0.08ND	No	23	n/a	n/a	95.65	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-29	0.08	n/a	2/26/2025	0.08ND	No	23	n/a	n/a	86.96	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-50	0.08	n/a	2/26/2025	0.08ND	No	22	n/a	n/a	100	n/a	n/a	0.003707	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-51	0.08	n/a	2/26/2025	0.022J	No	23	n/a	n/a	86.96	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-52	0.08	n/a	2/26/2025	0.028J	No	23	n/a	n/a	86.96	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Boron (mg/L)	GWC-53	1.124	n/a	2/25/2025	1.1	No	23	0.9576	0.08273	0	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWA-21	11.11	n/a	2/25/2025	5.8	No	23	8.333	1.374	0	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWA-22	11.08	n/a	2/25/2025	11	No	23	7.67	1.69	0	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWA-45	46.98	n/a	2/26/2025	26	No	23	32.45	7.205	0	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWA-46	7.262	n/a	2/26/2025	6.1	No	23	5.955	0.648	0	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWA-47	17	n/a	2/26/2025	14	No	23	n/a	n/a	0	n/a	n/a	0.003415	NP Intra (normality) 1 of 2
Calcium (mg/L)	GWA-48	14	n/a	2/26/2025	12	No	23	n/a	n/a	0	n/a	n/a	0.003415	NP Intra (normality) 1 of 2
Calcium (mg/L)	GWA-49	16	n/a	2/26/2025	14	No	23	n/a	n/a	0	n/a	n/a	0.003415	NP Intra (normality) 1 of 2
Calcium (mg/L)	GWC-29	22.36	n/a	2/26/2025	18	No	13	15.62	2.959	0	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWC-50	8.239	n/a	2/26/2025	7.5	No	22	7.243	0.4906	0	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	GWC-51	8.588	n/a	2/26/2025	8.1	No	23	7.057	0.7591	0	None	No	0.001504	Param Intra 1 of 2
Calcium (mg/L)	**GWC-52**	**22.55**	**n/a**	**2/26/2025**	**27**	**Yes**	**19**	**15.64**	**3.322**	**0**	**None**	**No**	**0.001504**	**Param Intra 1 of 2**
Calcium (mg/L)	GWC-53	21.26	n/a	2/25/2025	20	No	23	17.56	1.834	0	None	No	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWA-21	4.32	n/a	2/25/2025	3	No	23	3.423	0.4447	0	None	No	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWA-22	5	n/a	2/25/2025	1.8	No	23	n/a	n/a	0	n/a	n/a	0.003415	NP Intra (normality) 1 of 2
Chloride (mg/L)	GWA-45	14	n/a	2/26/2025	12	No	23	n/a	n/a	0	n/a	n/a	0.003415	NP Intra (normality) 1 of 2
Chloride (mg/L)	GWA-46	6.141	n/a	2/26/2025	5.8	No	23	4.109	1.007	0	None	No	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWA-47	1.878	n/a	2/26/2025	1.8	No	23	1.547	0.1645	0	None	No	0.001504	Param Intra 1 of 2
Chloride (mg/L)	**GWA-48**	**1.99**	**n/a**	**2/26/2025**	**2**	**Yes**	**22**	**1.747**	**0.1197**	**0**	**None**	**No**	**0.001504**	**Param Intra 1 of 2**
Chloride (mg/L)	GWA-49	2.328	n/a	2/26/2025	2.1	No	23	2.069	0.1283	0	None	No	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWC-29	4.065	n/a	2/26/2025	3.3	No	22	3.436	0.3094	0	None	No	0.001504	Param Intra 1 of 2
Chloride (mg/L)	GWC-50	2.197	n/a	2/26/2025	1.9	No	23	1.904	0.1455	0	None	No	0.001504	Param Intra 1 of 2
Chloride (mg/L)	**GWC-51**	**8.476**	**n/a**	**2/26/2025**	**8.7**	**Yes**	**22**	**7.195**	**0.6306**	**0**	**None**	**No**	**0.001504**	**Param Intra 1 of 2**
Chloride (mg/L)	**GWC-52**	**8.531**	**n/a**	**2/26/2025**	**8.6**	**Yes**	**22**	**237487**	**72936**	**0**	**None**	**x^6**	**0.001504**	**Param Intra 1 of 2**
Chloride (mg/L)	GWC-53	15.26	n/a	2/25/2025	14	No	25	11.81	1.733	0	None	No	0.001504	Param Intra 1 of 2
Fluoride (mg/L)	GWA-21	0.1	n/a	2/25/2025	0.1ND	No	23	n/a	n/a	52.17	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-22	0.1	n/a	2/25/2025	0.1ND	No	23	n/a	n/a	52.17	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-45	0.1	n/a	2/26/2025	0.1ND	No	23	n/a	n/a	73.91	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-46	0.11	n/a	2/26/2025	0.1ND	No	23	n/a	n/a	69.57	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-47	0.1	n/a	2/26/2025	0.1ND	No	23	n/a	n/a	56.52	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWA-48	0.1	n/a	2/26/2025	0.1ND	No	23	n/a	n/a	47.83	n/a	n/a	0.003415	NP Intra (normality) 1 of 2
Fluoride (mg/L)	GWA-49	0.1	n/a	2/26/2025	0.1ND	No	23	n/a	n/a	52.17	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-29	0.1	n/a	2/26/2025	0.1ND	No	23	n/a	n/a	52.17	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-50	0.1	n/a	2/26/2025	0.1ND	No	23	n/a	n/a	65.22	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-51	0.1	n/a	2/26/2025	0.1ND	No	23	n/a	n/a	65.22	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-52	0.1	n/a	2/26/2025	0.1ND	No	23	n/a	n/a	56.52	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Fluoride (mg/L)	GWC-53	0.1	n/a	2/25/2025	0.1ND	No	23	n/a	n/a	82.61	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
pH, Field (SU)	**GWA-21**	**6.053**	**5.549**	**2/25/2025**	**6.07**	**Yes**	**37**	**5.801**	**0.1319**	**0**	**None**	**No**	**0.000752**	**Param Intra 1 of 2**
pH, Field (SU)	**GWA-22**	**6.345**	**5.588**	**2/25/2025**	**6.66**	**Yes**	**36**	**5.966**	**0.198**	**0**	**None**	**No**	**0.000752**	**Param Intra 1 of 2**
pH, Field (SU)	**GWA-45**	**6.54**	**5.88**	**2/26/2025**	**6.85**	**Yes**	**39**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.002453**	**NP Intra (normality) 1 of 2**
pH, Field (SU)	GWA-46	6.83	5.45	2/26/2025	5.92	No	40	n/a	n/a	0	n/a	n/a	0.002317	NP Intra (normality) 1 of 2
pH, Field (SU)	GWA-47	6.632	6.24	2/26/2025	6.5	No	41	6.436	0.1034	0	None	No	0.000752	Param Intra 1 of 2
pH, Field (SU)	GWA-48	6.987	6.595	2/26/2025	6.85	No	40	6.791	0.1033	0	None	No	0.000752	Param Intra 1 of 2
pH, Field (SU)	GWA-49	7.112	6.548	2/26/2025	6.96	No	38	15119	1618	0	None	x^5	0.000752	Param Intra 1 of 2
pH, Field (SU)	**GWC-29**	**6.353**	**5.494**	**2/26/2025**	**6.54**	**Yes**	**37**	**5.924**	**0.2253**	**0**	**None**	**No**	**0.000752**	**Param Intra 1 of 2**
pH, Field (SU)	GWC-50	6.032	5.568	2/26/2025	5.83	No	39	5.8	0.1222	0	None	No	0.000752	Param Intra 1 of 2
pH, Field (SU)	**GWC-51**	**6.04**	**5.68**	**2/26/2025**	**6.23**	**Yes**	**39**	**5.86**	**0.0948**	**0**	**None**	**No**	**0.000752**	**Param Intra 1 of 2**
pH, Field (SU)	**GWC-52**	**6.882**	**6.416**	**2/26/2025**	**7.03**	**Yes**	**39**	**6.649**	**0.1228**	**0**	**None**	**No**	**0.000752**	**Param Intra 1 of 2**
pH, Field (SU)	GWC-53	6.14	5.37	2/25/2025	5.68	No	41	n/a	n/a	0	n/a	n/a	0.002236	NP Intra (normality) 1 of 2
Sulfate (mg/L)	GWA-21	2.876	n/a	2/25/2025	2	No	23	1.553	0.6561	0	None	No	0.001504	Param Intra 1 of 2
Sulfate (mg/L)	GWA-22	1.7	n/a	2/25/2025	1ND	No	23	n/a	n/a	82.61	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-45	189.8	n/a	2/26/2025	150	No	23	153.8	17.85	0	None	No	0.001504	Param Intra 1 of 2
Sulfate (mg/L)	GWA-46	1.7	n/a	2/26/2025	1ND	No	23	n/a	n/a	52.17	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-47	1.6	n/a	2/26/2025	1ND	No	23	n/a	n/a	65.22	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-48	2.011	n/a	2/26/2025	0.5ND	No	23	1.116	0.1499	0	None	sqrt(x)	0.001504	Param Intra 1 of 2
Sulfate (mg/L)	GWA-49	1.2	n/a	2/26/2025	0.47J	No	23	n/a	n/a	52.17	n/a	n/a	0.003415	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-29	3.35	n/a	2/26/2025	2	No	23	2.541	0.4008	0	None	No	0.001504	Param Intra 1 of 2

Appendix III Intrawell Prediction Limits - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 4/24/2025, 9:58 AM

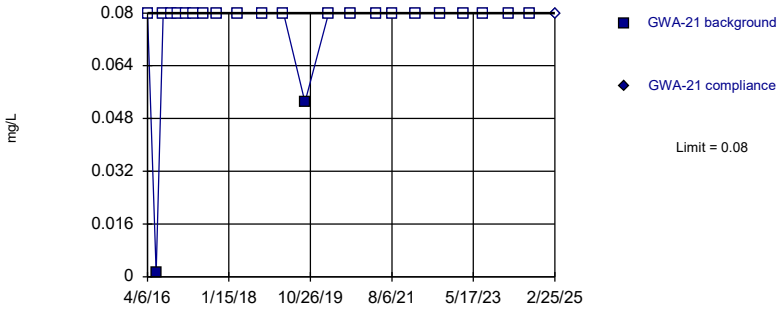
Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Sulfate (mg/L)	GWC-50	1	n/a	2/26/2025	1ND	No	22	n/a	n/a	86.36	n/a	n/a	0.003707	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	**GWC-51**	**3.662**	**n/a**	**2/26/2025**	**4.1**	**Yes**	**23**	**1.088**	**0.4091**	**39.13**	**Kaplan-Meier**	**sqrt(x)**	**0.001504**	**Param Intra 1 of 2**
Sulfate (mg/L)	**GWC-52**	**26.35**	**n/a**	**2/26/2025**	**94**	**Yes**	**11**	**12.57**	**5.74**	**9.091**	**None**	**No**	**0.001504**	**Param Intra 1 of 2**
Sulfate (mg/L)	**GWC-53**	**189.3**	**n/a**	**2/25/2025**	**190**	**Yes**	**23**	**158.9**	**15.05**	**0**	**None**	**No**	**0.001504**	**Param Intra 1 of 2**
TDS (mg/L)	GWA-21	125.4	n/a	2/25/2025	90	No	23	89.74	17.65	0	None	No	0.001504	Param Intra 1 of 2
TDS (mg/L)	GWA-22	106.3	n/a	2/25/2025	98	No	23	71.39	17.32	0	None	No	0.001504	Param Intra 1 of 2
TDS (mg/L)	GWA-45	371.6	n/a	2/26/2025	280	No	23	286.4	42.22	0	None	No	0.001504	Param Intra 1 of 2
TDS (mg/L)	GWA-46	88.63	n/a	2/26/2025	68	No	23	54.8	16.77	4.348	None	No	0.001504	Param Intra 1 of 2
TDS (mg/L)	GWA-47	122.3	n/a	2/26/2025	100	No	23	90.04	15.97	0	None	No	0.001504	Param Intra 1 of 2
TDS (mg/L)	GWA-48	121.8	n/a	2/26/2025	100	No	23	95.26	13.16	0	None	No	0.001504	Param Intra 1 of 2
TDS (mg/L)	GWA-49	130.8	n/a	2/26/2025	110	No	22	110.2	10.16	0	None	No	0.001504	Param Intra 1 of 2
TDS (mg/L)	GWC-29	144.1	n/a	2/26/2025	110	No	23	99.57	22.1	0	None	No	0.001504	Param Intra 1 of 2
TDS (mg/L)	GWC-50	109.1	n/a	2/26/2025	77	No	22	70.68	18.93	0	None	No	0.001504	Param Intra 1 of 2
TDS (mg/L)	GWC-51	104.2	n/a	2/26/2025	88	No	22	78.59	12.6	0	None	No	0.001504	Param Intra 1 of 2
TDS (mg/L)	GWC-52	224.7	n/a	2/26/2025	220	No	13	176.9	20.97	0	None	No	0.001504	Param Intra 1 of 2
TDS (mg/L)	GWC-53	330.7	n/a	2/25/2025	310	No	23	264.3	32.93	0	None	No	0.001504	Param Intra 1 of 2

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

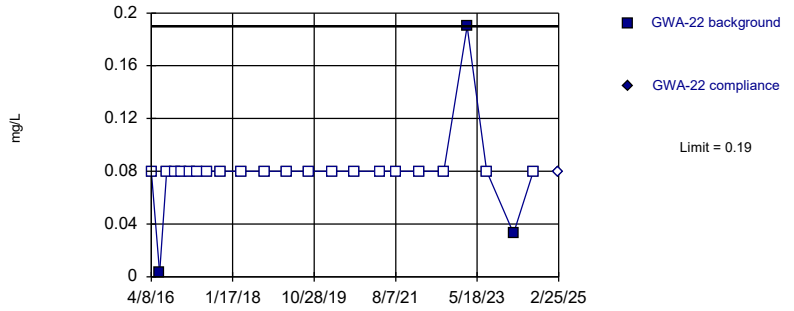
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Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 86.96% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

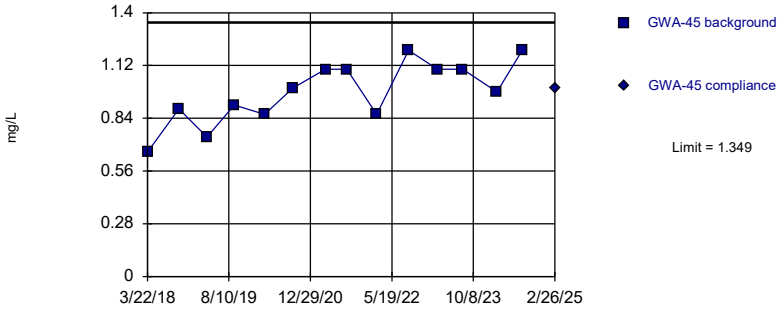
Constituent: Boron Analysis Run 4/24/2025 9:54 AM View: Appendix III
Plant Scherer Client: Southern Company Data: Scherer PAC

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.9786, Std. Dev.=0.1656, n=14. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9395, critical = 0.874. Kappa = 2.236 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

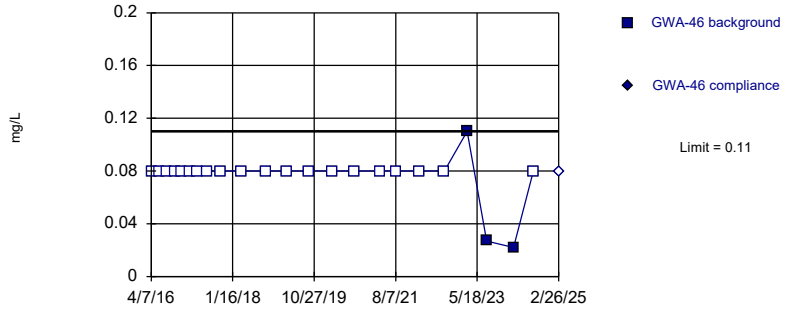
Constituent: Boron Analysis Run 4/24/2025 9:54 AM View: Appendix III
Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 86.96% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

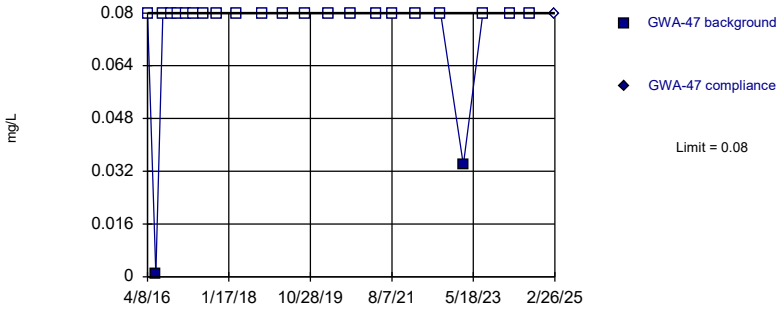
Constituent: Boron Analysis Run 4/24/2025 9:54 AM View: Appendix III
Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 91.3% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

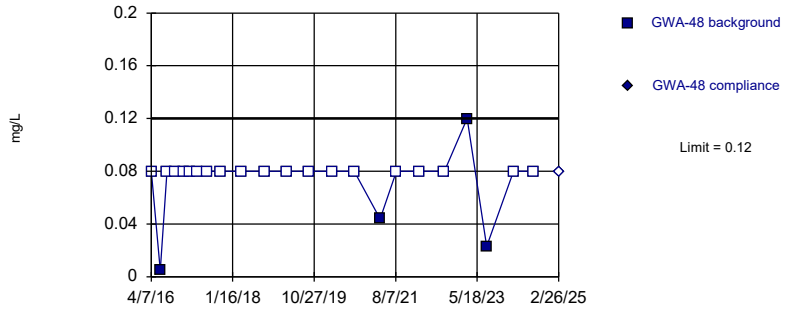
Constituent: Boron Analysis Run 4/24/2025 9:54 AM View: Appendix III
Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 82.61% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

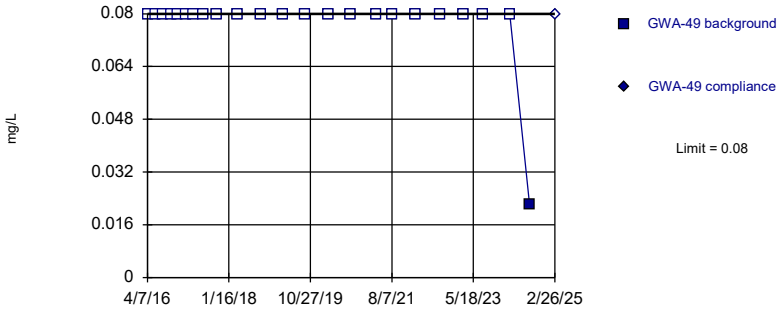
Constituent: Boron Analysis Run 4/24/2025 9:54 AM View: Appendix III
Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 95.65% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

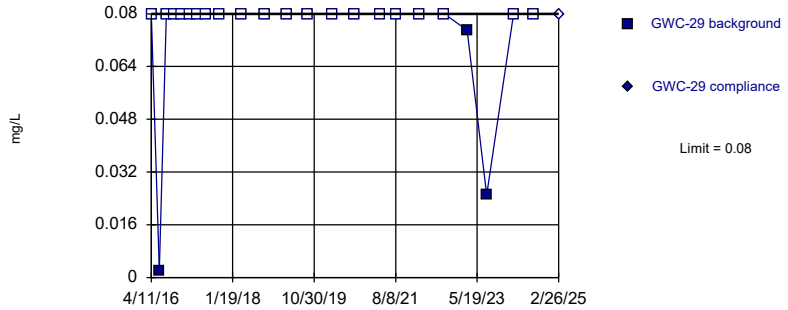
Constituent: Boron Analysis Run 4/24/2025 9:54 AM View: Appendix III
Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 86.96% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

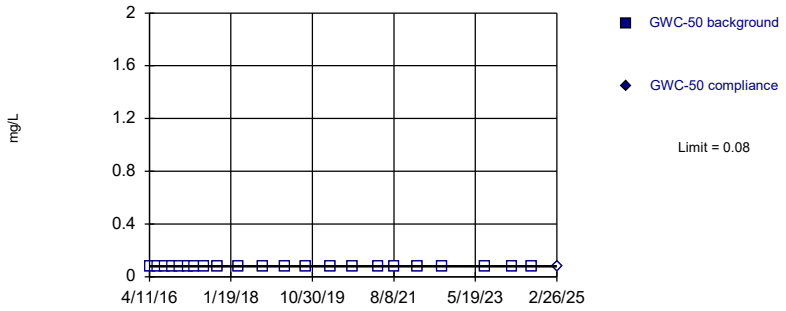
Constituent: Boron Analysis Run 4/24/2025 9:54 AM View: Appendix III
Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

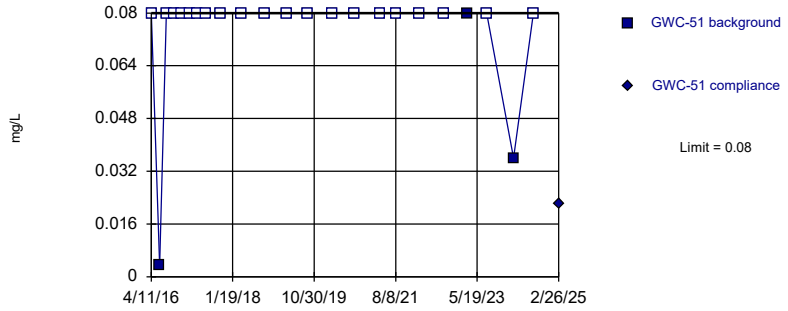
Constituent: Boron Analysis Run 4/24/2025 9:54 AM View: Appendix III
Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 86.96% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

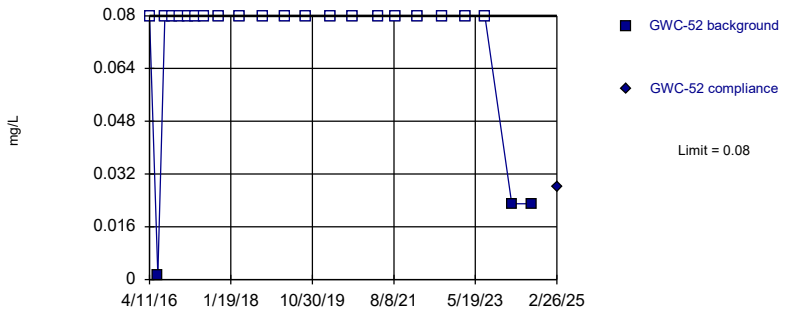
Constituent: Boron Analysis Run 4/24/2025 9:54 AM View: Appendix III
Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 86.96% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

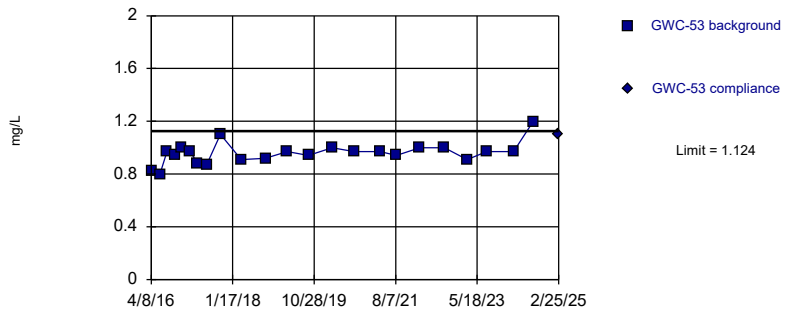
Constituent: Boron Analysis Run 4/24/2025 9:54 AM View: Appendix III
Plant Scherer Client: Southern Company Data: Scherer PAC

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.9576, Std. Dev.=0.08273, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9026, critical = 0.881. Kappa = 2.017 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

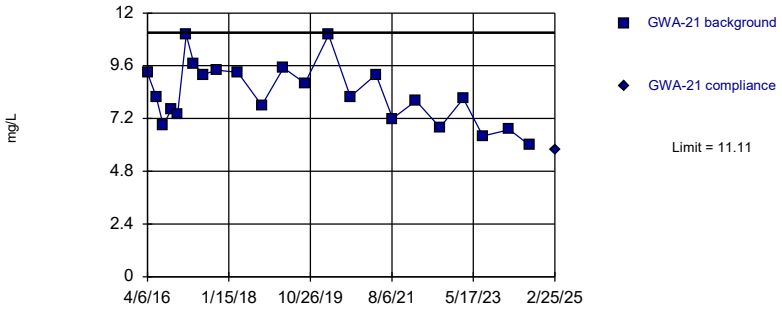
Constituent: Boron Analysis Run 4/24/2025 9:54 AM View: Appendix III
Plant Scherer Client: Southern Company Data: Scherer PAC

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=8.333, Std. Dev.=1.374, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9626, critical = 0.881. Kappa = 2.017 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Calcium Analysis Run 4/24/2025 9:54 AM View: Appendix III

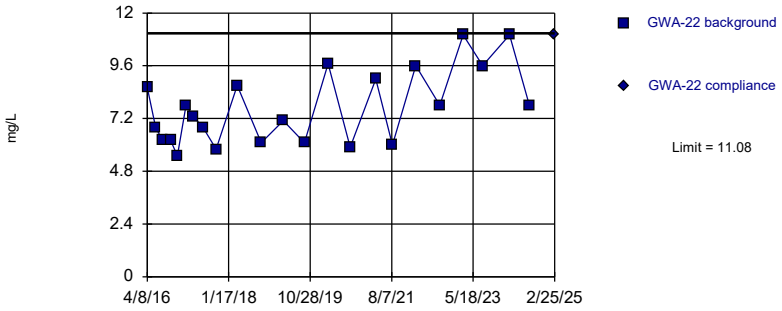
Plant Scherer Client: Southern Company Data: Scherer PAC

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=7.67, Std. Dev.=1.69, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9142, critical = 0.881. Kappa = 2.017 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Calcium Analysis Run 4/24/2025 9:54 AM View: Appendix III

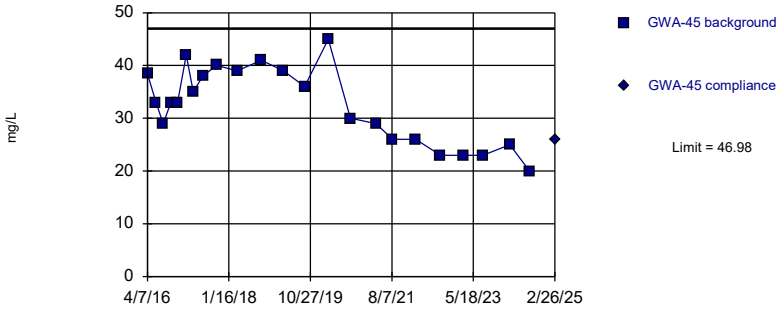
Plant Scherer Client: Southern Company Data: Scherer PAC

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=32.45, Std. Dev.=7.205, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9549, critical = 0.881. Kappa = 2.017 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Calcium Analysis Run 4/24/2025 9:54 AM View: Appendix III

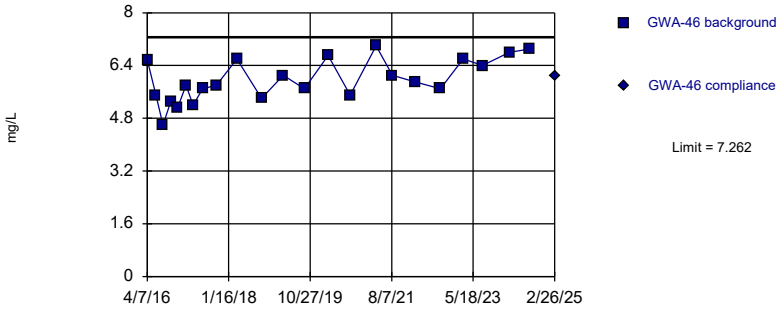
Plant Scherer Client: Southern Company Data: Scherer PAC

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=5.955, Std. Dev.=0.648, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9628, critical = 0.881. Kappa = 2.017 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Calcium Analysis Run 4/24/2025 9:54 AM View: Appendix III

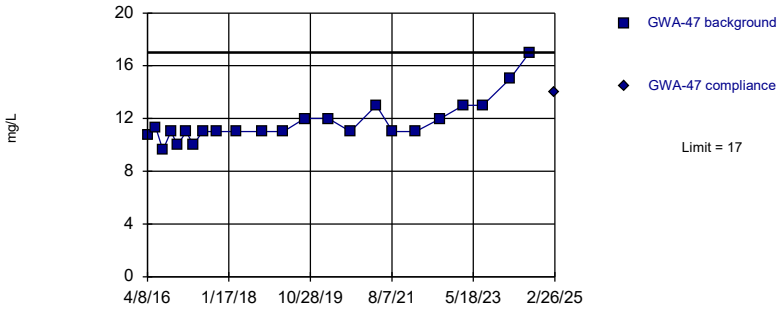
Plant Scherer Client: Southern Company Data: Scherer PAC

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Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 23 background values. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Calcium Analysis Run 4/24/2025 9:54 AM View: Appendix III

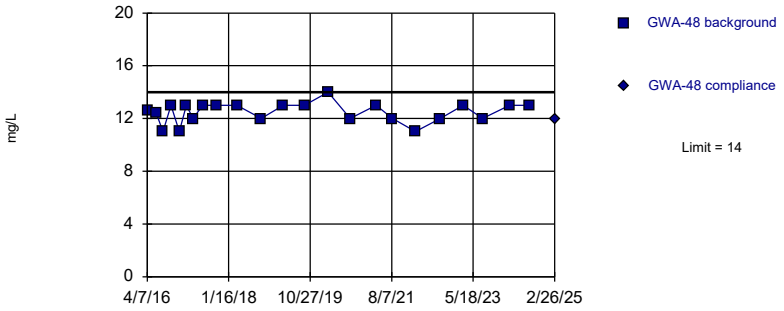
Plant Scherer Client: Southern Company Data: Scherer PAC

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Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 23 background values. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Calcium Analysis Run 4/24/2025 9:54 AM View: Appendix III

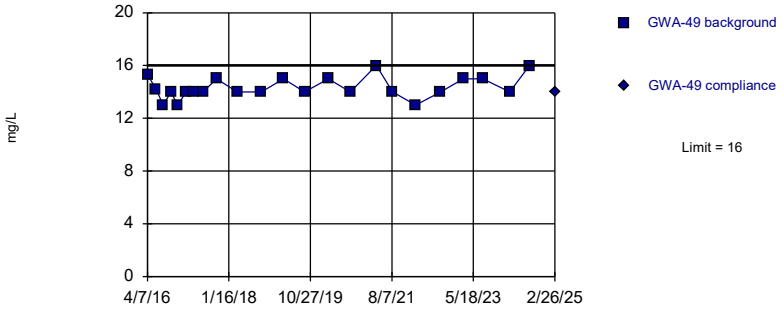
Plant Scherer Client: Southern Company Data: Scherer PAC

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Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 23 background values. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Calcium Analysis Run 4/24/2025 9:54 AM View: Appendix III

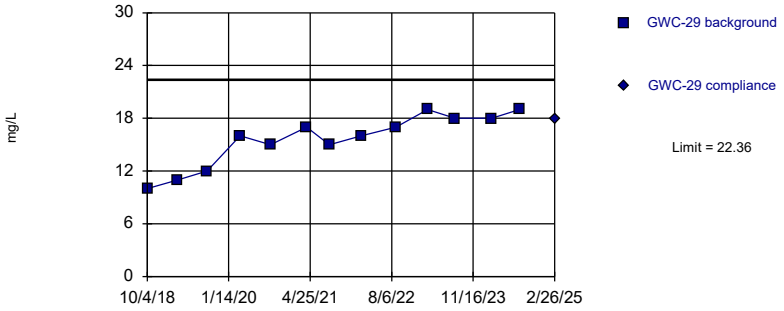
Plant Scherer Client: Southern Company Data: Scherer PAC

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=15.62, Std. Dev.=2.959, n=13. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.8984, critical = 0.866. Kappa = 2.279 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Calcium Analysis Run 4/24/2025 9:54 AM View: Appendix III

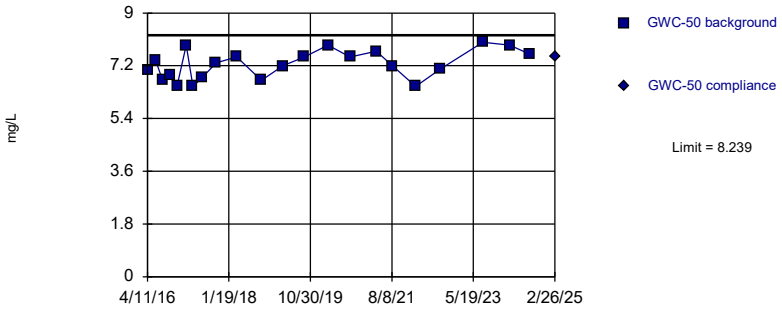
Plant Scherer Client: Southern Company Data: Scherer PAC

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=7.243, Std. Dev.=0.4906, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9405, critical = 0.878. Kappa = 2.031 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Calcium Analysis Run 4/24/2025 9:54 AM View: Appendix III

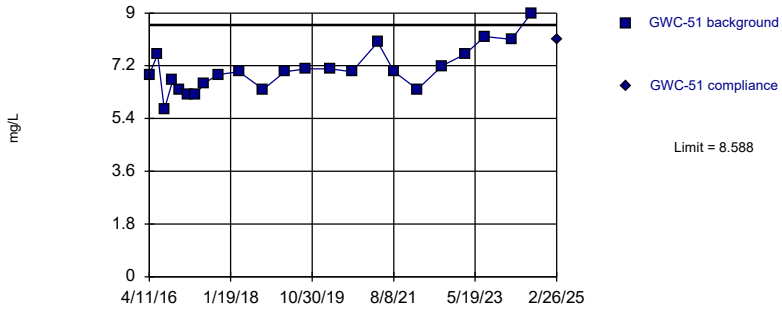
Plant Scherer Client: Southern Company Data: Scherer PAC

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=7.057, Std. Dev.=0.7591, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9518, critical = 0.881. Kappa = 2.017 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Calcium Analysis Run 4/24/2025 9:54 AM View: Appendix III

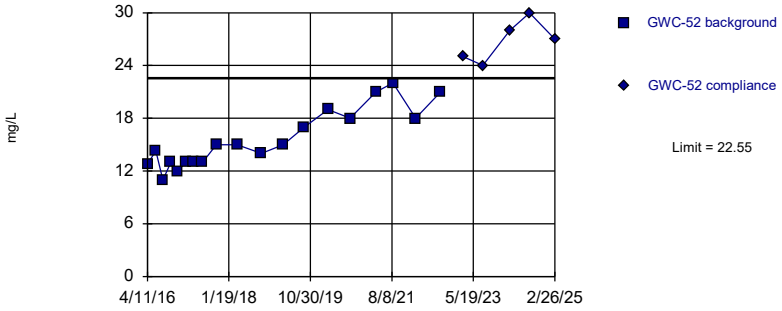
Plant Scherer Client: Southern Company Data: Scherer PAC

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Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=15.64, Std. Dev.=3.322, n=19. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.91, critical = 0.901. Kappa = 2.081 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Calcium Analysis Run 4/24/2025 9:54 AM View: Appendix III

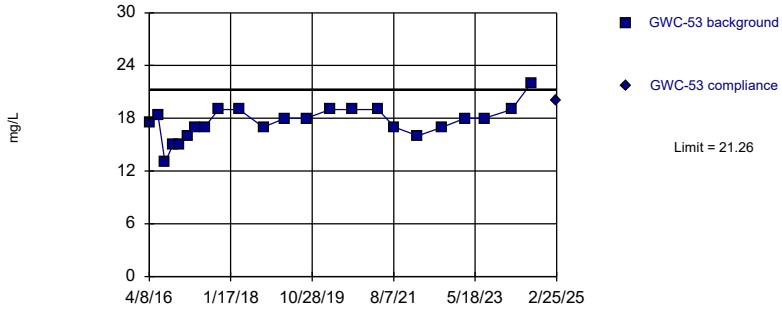
Plant Scherer Client: Southern Company Data: Scherer PAC

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=17.56, Std. Dev.=1.834, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9394, critical = 0.881. Kappa = 2.017 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Calcium Analysis Run 4/24/2025 9:54 AM View: Appendix III

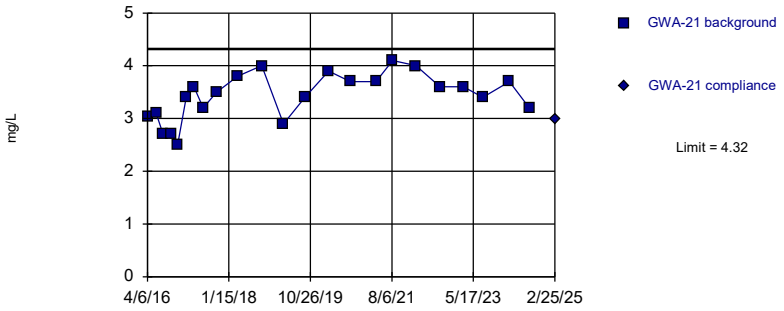
Plant Scherer Client: Southern Company Data: Scherer PAC

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=3.423, Std. Dev.=0.4447, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9569, critical = 0.881. Kappa = 2.017 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Chloride Analysis Run 4/24/2025 9:55 AM View: Appendix III

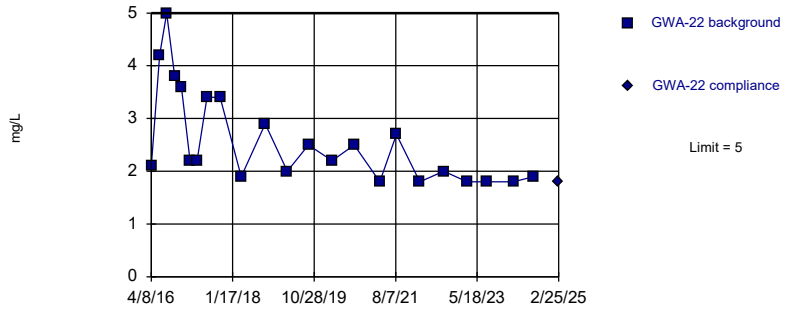
Plant Scherer Client: Southern Company Data: Scherer PAC

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Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 23 background values. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Chloride Analysis Run 4/24/2025 9:55 AM View: Appendix III

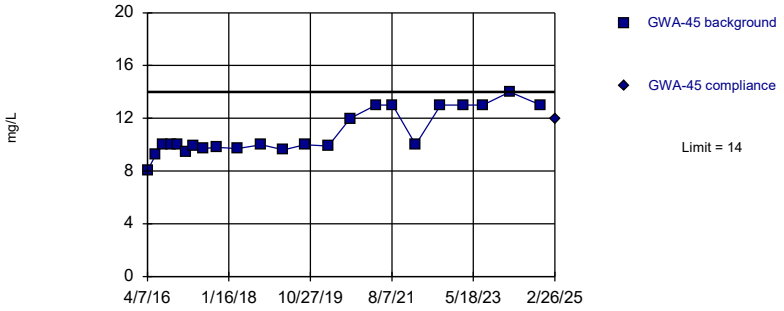
Plant Scherer Client: Southern Company Data: Scherer PAC

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Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 23 background values. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Chloride Analysis Run 4/24/2025 9:55 AM View: Appendix III

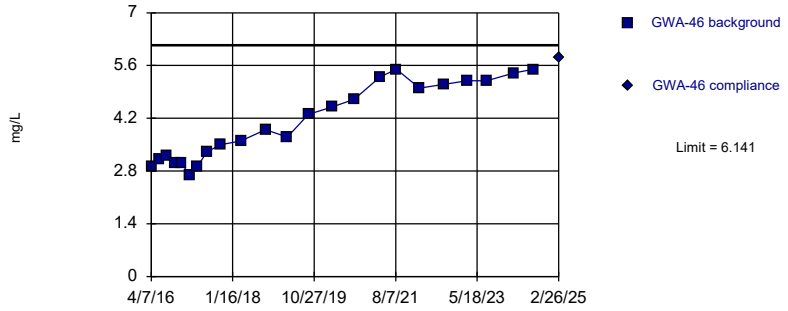
Plant Scherer Client: Southern Company Data: Scherer PAC

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=4.109, Std. Dev.=1.007, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8847, critical = 0.881. Kappa = 2.017 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Chloride Analysis Run 4/24/2025 9:55 AM View: Appendix III

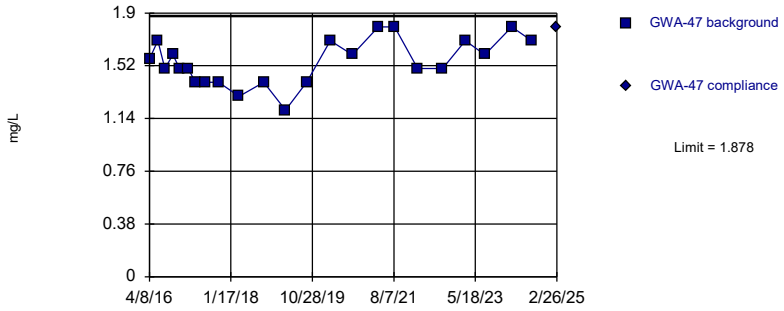
Plant Scherer Client: Southern Company Data: Scherer PAC

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=1.547, Std. Dev.=0.1645, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9505, critical = 0.881. Kappa = 2.017 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Chloride Analysis Run 4/24/2025 9:55 AM View: Appendix III

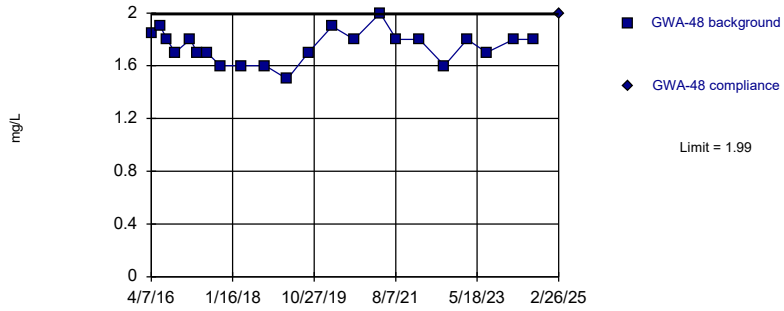
Plant Scherer Client: Southern Company Data: Scherer PAC

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Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=1.747, Std. Dev.=0.1197, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9435, critical = 0.878. Kappa = 2.031 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Chloride Analysis Run 4/24/2025 9:55 AM View: Appendix III

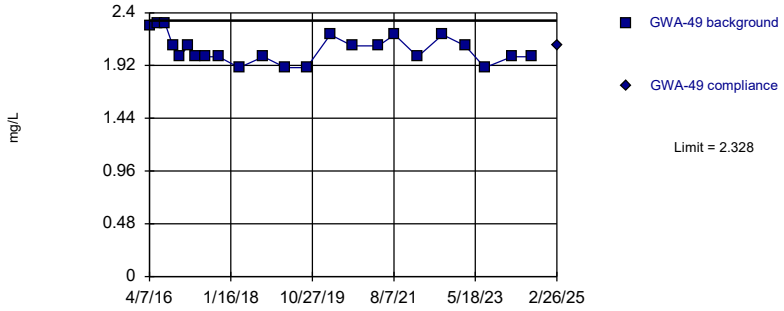
Plant Scherer Client: Southern Company Data: Scherer PAC

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=2.069, Std. Dev.=0.1283, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.898, critical = 0.881. Kappa = 2.017 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Chloride Analysis Run 4/24/2025 9:55 AM View: Appendix III

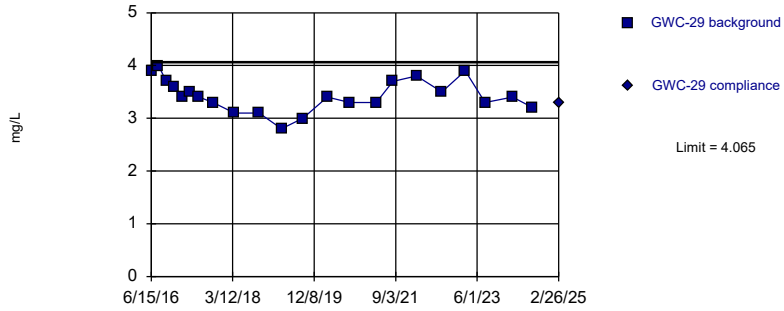
Plant Scherer Client: Southern Company Data: Scherer PAC

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=3.436, Std. Dev.=0.3094, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9747, critical = 0.878. Kappa = 2.031 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Chloride Analysis Run 4/24/2025 9:55 AM View: Appendix III

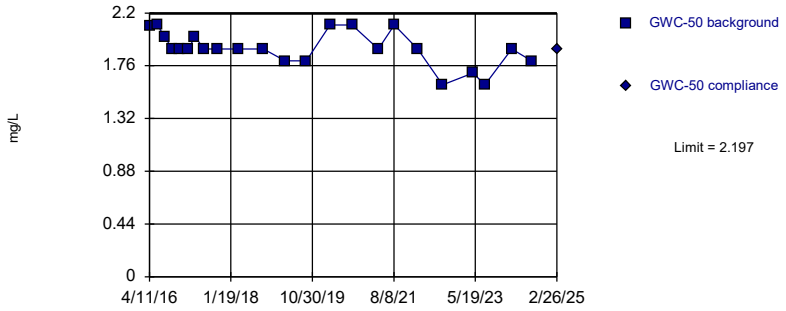
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=1.904, Std. Dev.=0.1455, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8892, critical = 0.881. Kappa = 2.017 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Chloride Analysis Run 4/24/2025 9:55 AM View: Appendix III

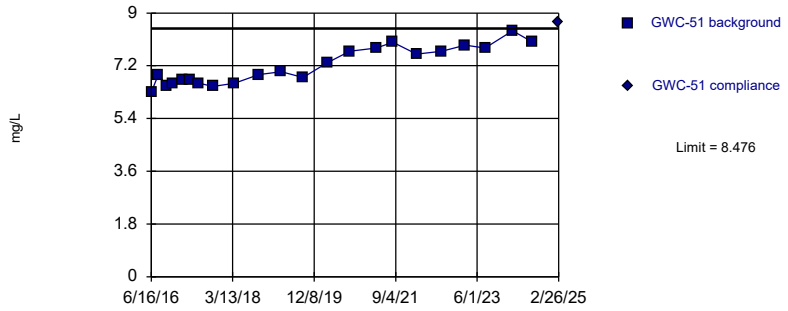
Plant Scherer Client: Southern Company Data: Scherer PAC

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Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=7.195, Std. Dev.=0.6306, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9077, critical = 0.878. Kappa = 2.031 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Chloride Analysis Run 4/24/2025 9:55 AM View: Appendix III

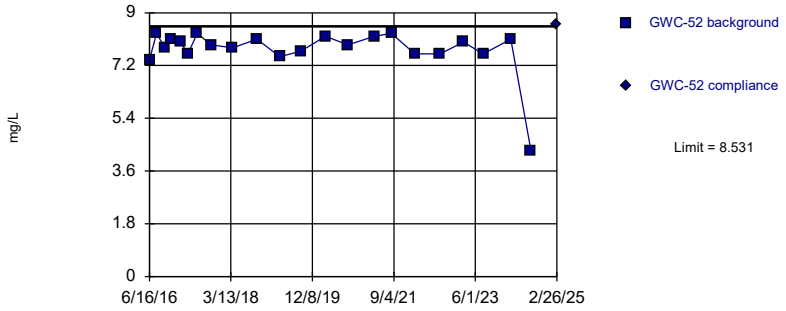
Plant Scherer Client: Southern Company Data: Scherer PAC

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Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on x^6 transformation): Mean=237487, Std. Dev.=72936, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8802, critical = 0.878. Kappa = 2.031 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Chloride Analysis Run 4/24/2025 9:55 AM View: Appendix III

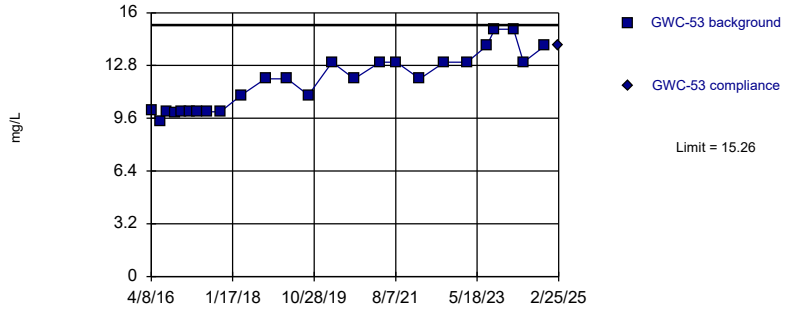
Plant Scherer Client: Southern Company Data: Scherer PAC

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=11.81, Std. Dev.=1.733, n=25. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8981, critical = 0.888. Kappa = 1.99 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Chloride Analysis Run 4/24/2025 9:55 AM View: Appendix III

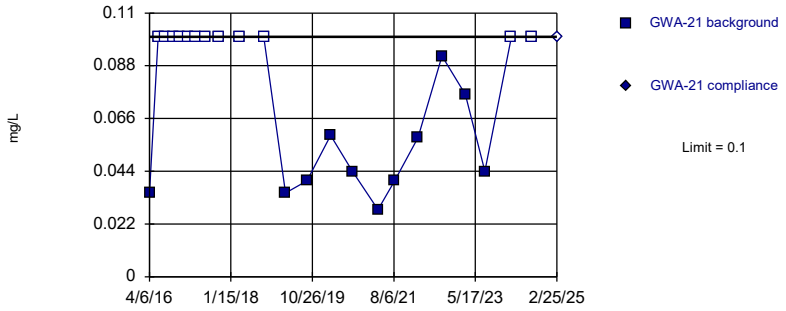
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 52.17% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

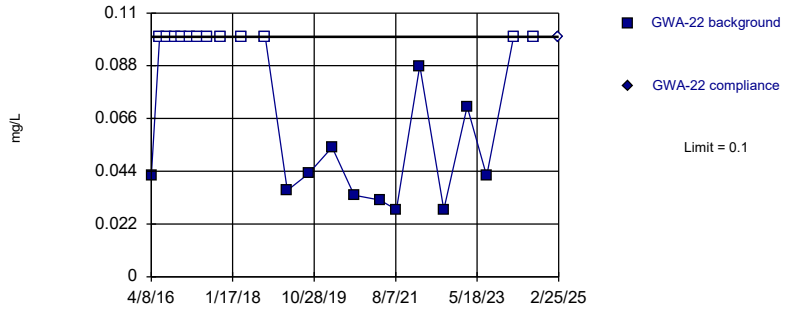
Constituent: Fluoride Analysis Run 4/24/2025 9:55 AM View: Appendix III
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 52.17% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

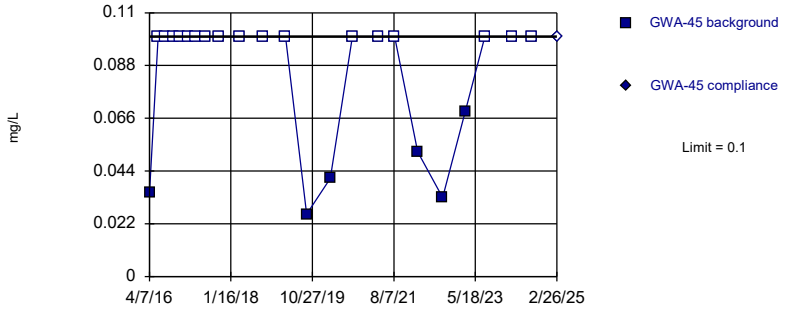
Constituent: Fluoride Analysis Run 4/24/2025 9:55 AM View: Appendix III
Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 73.91% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

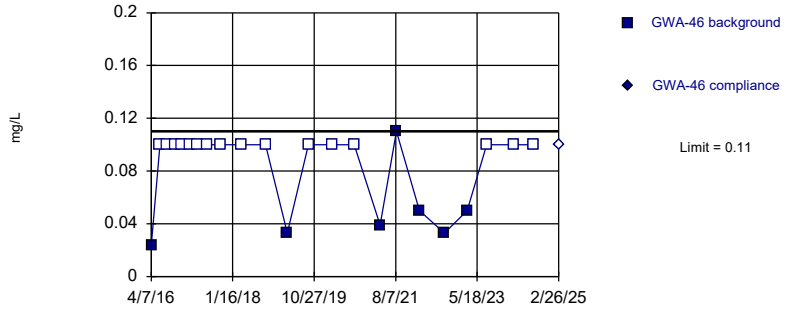
Constituent: Fluoride Analysis Run 4/24/2025 9:55 AM View: Appendix III
Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 69.57% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

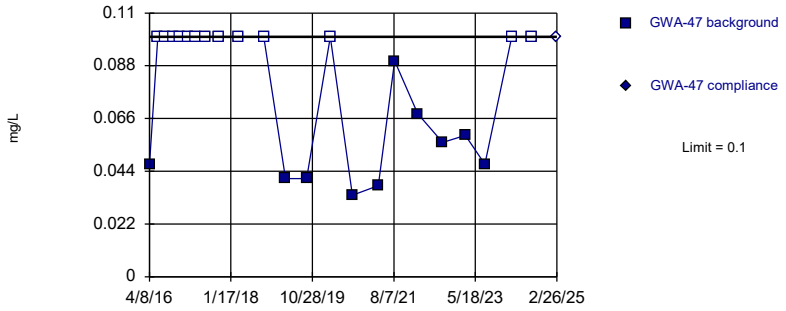
Constituent: Fluoride Analysis Run 4/24/2025 9:55 AM View: Appendix III
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 56.52% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

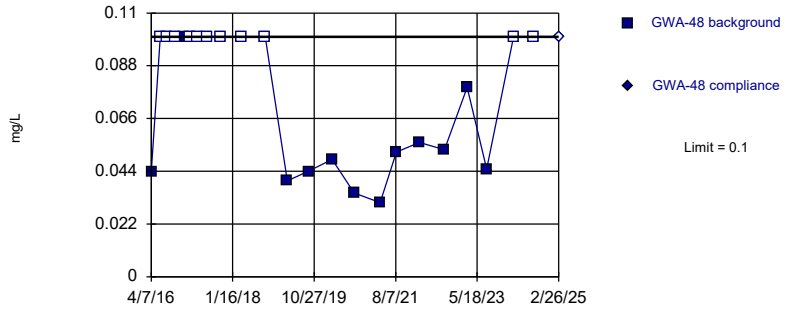
Constituent: Fluoride Analysis Run 4/24/2025 9:55 AM View: Appendix III
Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 23 background values. 47.83% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

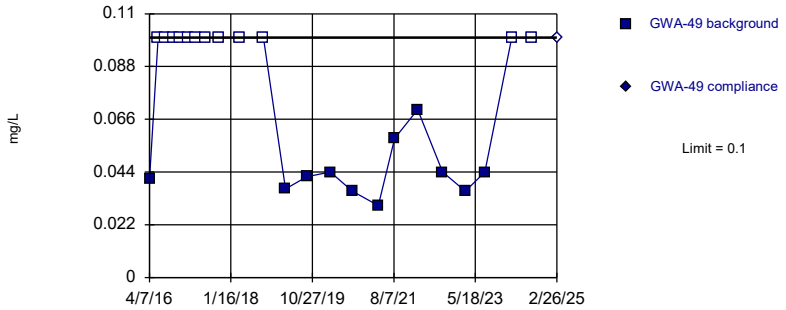
Constituent: Fluoride Analysis Run 4/24/2025 9:55 AM View: Appendix III
Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 52.17% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

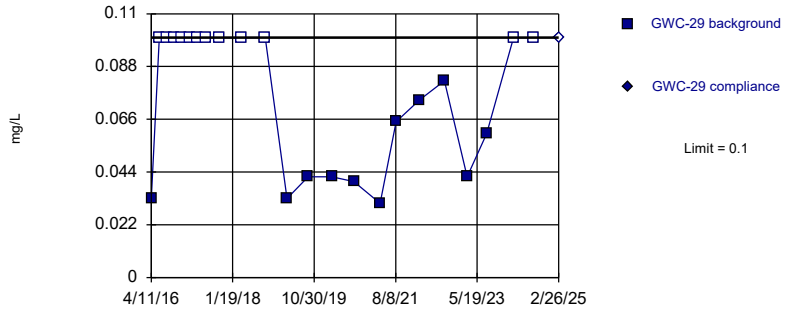
Constituent: Fluoride Analysis Run 4/24/2025 9:55 AM View: Appendix III
Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 52.17% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

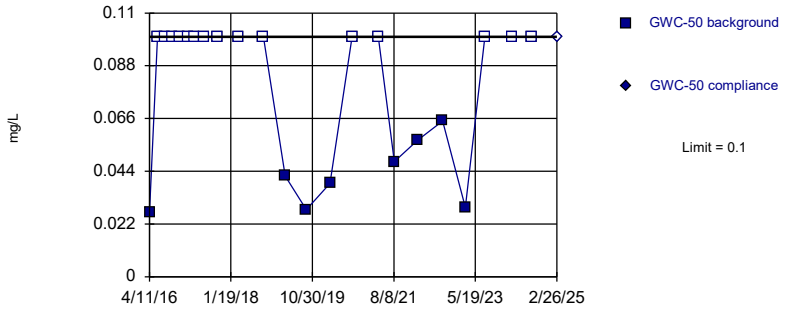
Constituent: Fluoride Analysis Run 4/24/2025 9:55 AM View: Appendix III
Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 65.22% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

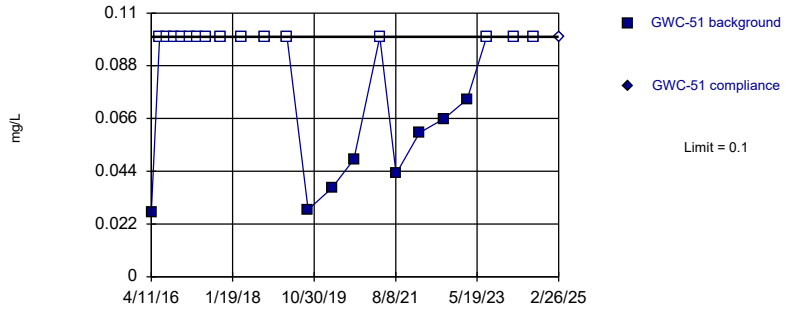
Constituent: Fluoride Analysis Run 4/24/2025 9:55 AM View: Appendix III
Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 65.22% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

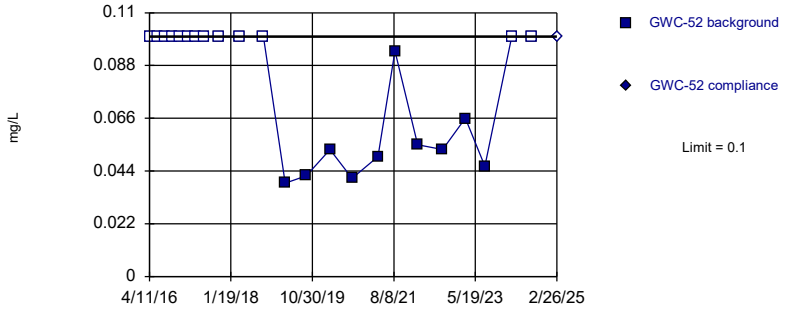
Constituent: Fluoride Analysis Run 4/24/2025 9:55 AM View: Appendix III
Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 56.52% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

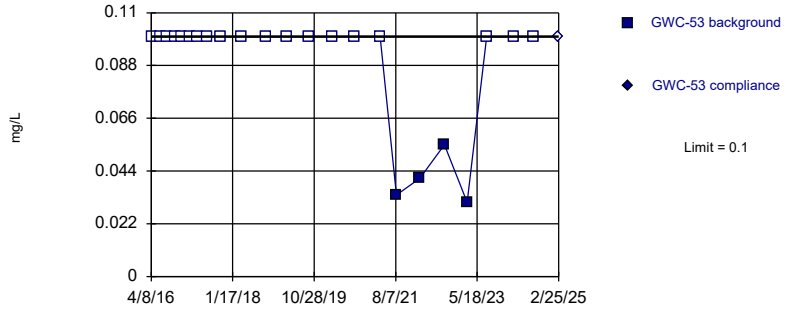
Constituent: Fluoride Analysis Run 4/24/2025 9:55 AM View: Appendix III
Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 82.61% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

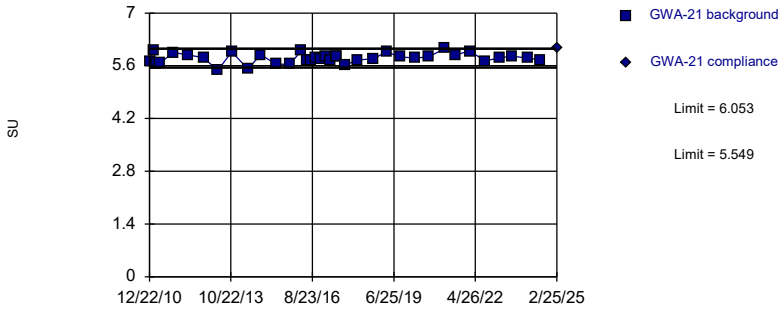
Constituent: Fluoride Analysis Run 4/24/2025 9:55 AM View: Appendix III
Plant Scherer Client: Southern Company Data: Scherer PAC

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Exceeds Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=5.801, Std. Dev.=0.1319, n=37. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9731, critical = 0.914. Kappa = 1.908 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: pH, Field Analysis Run 4/24/2025 9:55 AM View: Appendix III

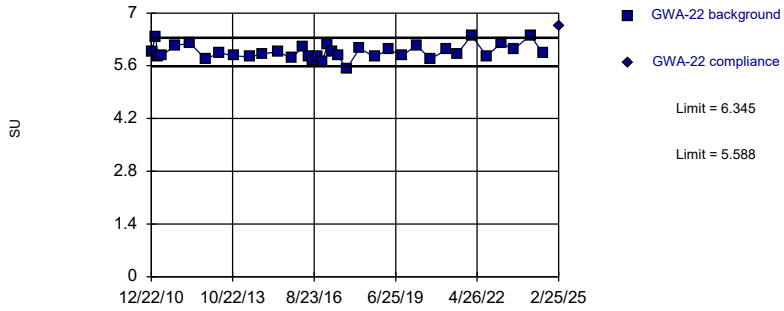
Plant Scherer Client: Southern Company Data: Scherer PAC

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Exceeds Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=5.966, Std. Dev.=0.198, n=36. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9526, critical = 0.912. Kappa = 1.912 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: pH, Field Analysis Run 4/24/2025 9:55 AM View: Appendix III

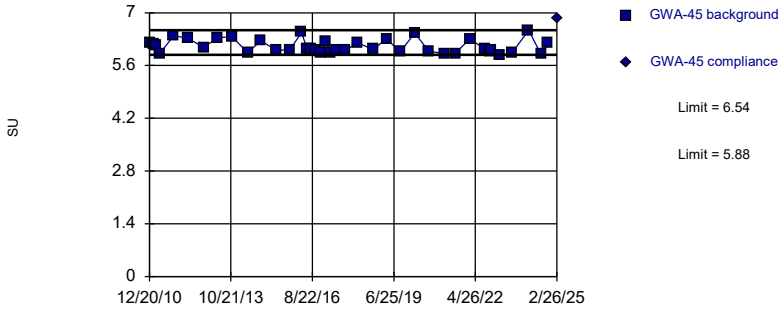
Plant Scherer Client: Southern Company Data: Scherer PAC

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Exceeds Limits

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 39 background values. Well-constituent pair annual alpha = 0.004902. Individual comparison alpha = 0.002453 (1 of 2).

Constituent: pH, Field Analysis Run 4/24/2025 9:55 AM View: Appendix III

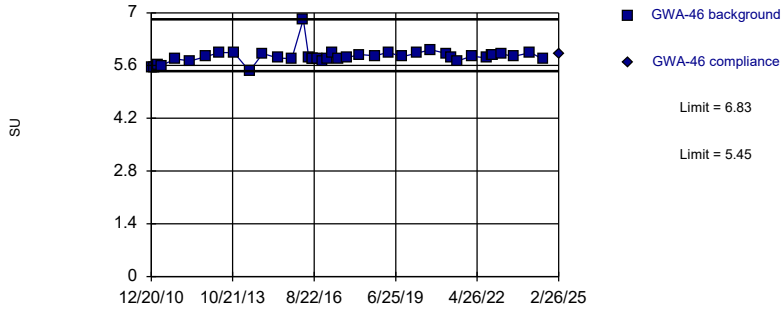
Plant Scherer Client: Southern Company Data: Scherer PAC

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Within Limits

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 40 background values. Well-constituent pair annual alpha = 0.004632. Individual comparison alpha = 0.002317 (1 of 2).

Constituent: pH, Field Analysis Run 4/24/2025 9:55 AM View: Appendix III

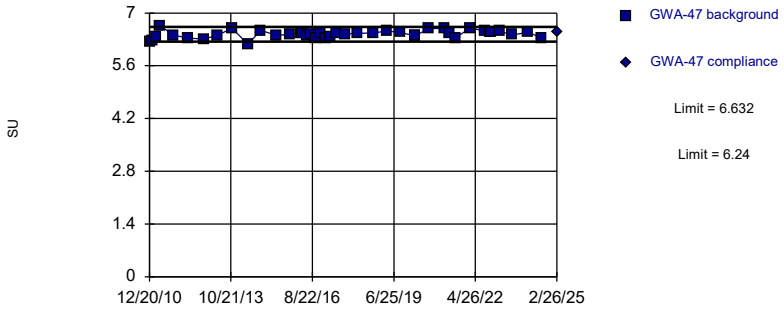
Plant Scherer Client: Southern Company Data: Scherer PAC

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Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=6.436, Std. Dev.=0.1034, n=41. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.989, critical = 0.92. Kappa = 1.892 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: pH, Field Analysis Run 4/24/2025 9:55 AM View: Appendix III

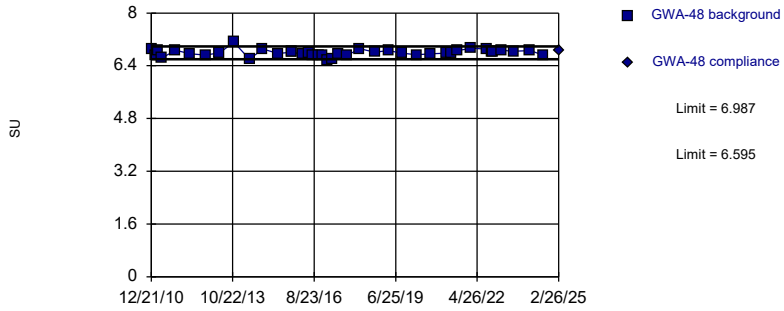
Plant Scherer Client: Southern Company Data: Scherer PAC

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Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=6.791, Std. Dev.=0.1033, n=40. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9725, critical = 0.919. Kappa = 1.896 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: pH, Field Analysis Run 4/24/2025 9:55 AM View: Appendix III

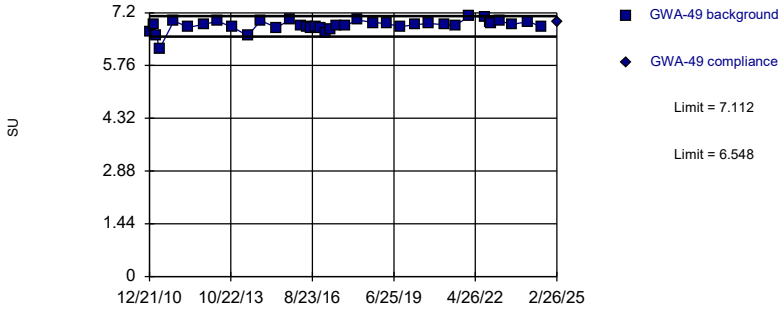
Plant Scherer Client: Southern Company Data: Scherer PAC

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Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary (based on x^5 transformation): Mean=15119, Std. Dev.=1618, n=38. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9174, critical = 0.916. Kappa = 1.904 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: pH, Field Analysis Run 4/24/2025 9:55 AM View: Appendix III

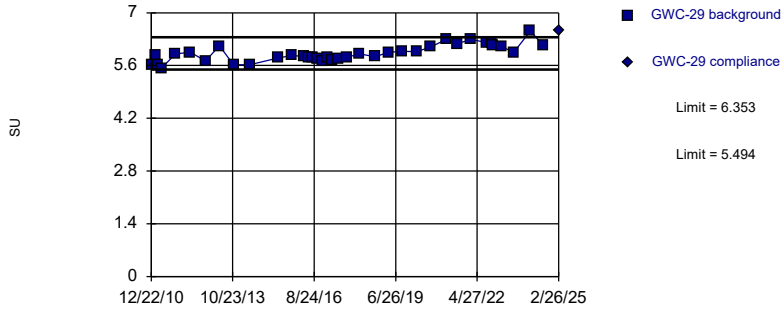
Plant Scherer Client: Southern Company Data: Scherer PAC

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Exceeds Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=5.924, Std. Dev.=0.2253, n=37. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9641, critical = 0.914. Kappa = 1.908 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: pH, Field Analysis Run 4/24/2025 9:55 AM View: Appendix III

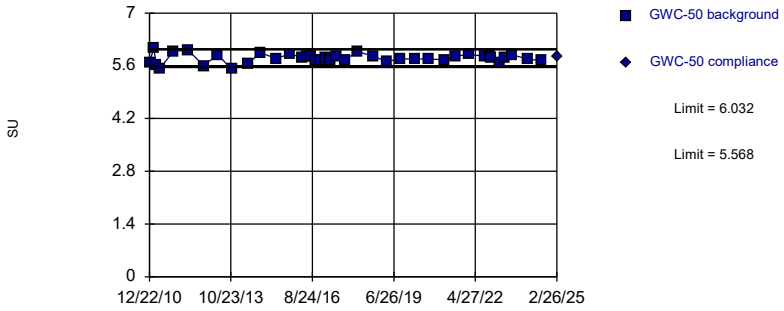
Plant Scherer Client: Southern Company Data: Scherer PAC

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Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=5.8, Std. Dev.=0.1222, n=39. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9746, critical = 0.917. Kappa = 1.9 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: pH, Field Analysis Run 4/24/2025 9:55 AM View: Appendix III

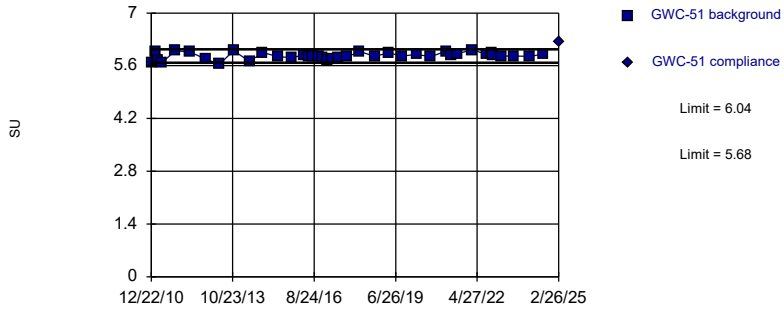
Plant Scherer Client: Southern Company Data: Scherer PAC

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Exceeds Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=5.86, Std. Dev.=0.0948, n=39. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9584, critical = 0.917. Kappa = 1.9 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: pH, Field Analysis Run 4/24/2025 9:55 AM View: Appendix III

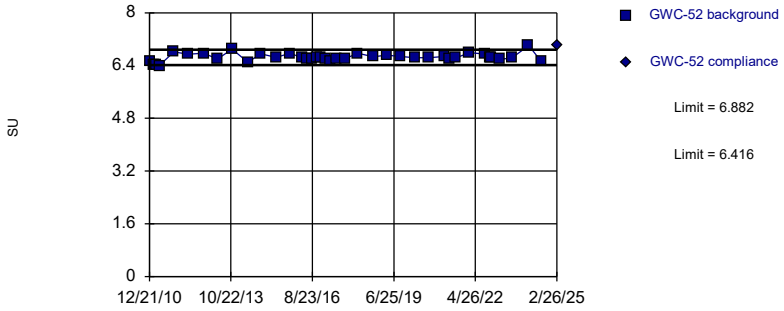
Plant Scherer Client: Southern Company Data: Scherer PAC

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Exceeds Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=6.649, Std. Dev.=0.1228, n=39. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9574, critical = 0.917. Kappa = 1.9 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: pH, Field Analysis Run 4/24/2025 9:55 AM View: Appendix III

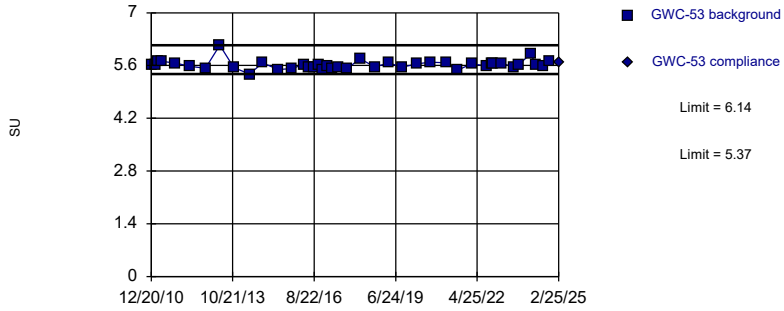
Plant Scherer Client: Southern Company Data: Scherer PAC

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Within Limits

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 41 background values. Well-constituent pair annual alpha = 0.00447. Individual comparison alpha = 0.002236 (1 of 2).

Constituent: pH, Field Analysis Run 4/24/2025 9:55 AM View: Appendix III

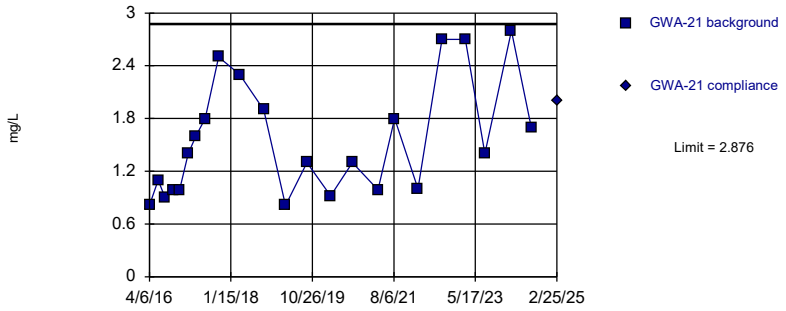
Plant Scherer Client: Southern Company Data: Scherer PAC

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=1.553, Std. Dev.=0.6561, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8832, critical = 0.881. Kappa = 2.017 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Sulfate Analysis Run 4/24/2025 9:55 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

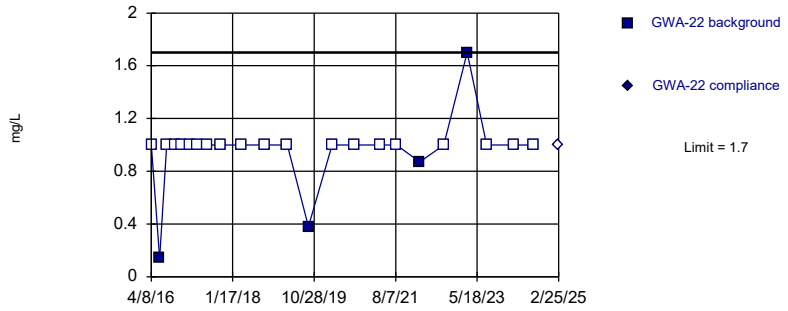
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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 82.61% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Sulfate Analysis Run 4/24/2025 9:55 AM View: Appendix III

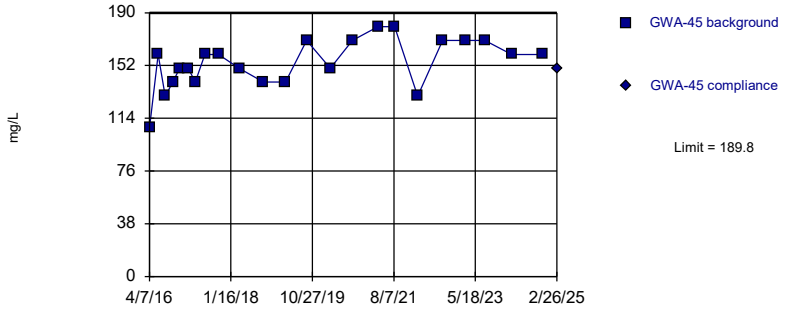
Plant Scherer Client: Southern Company Data: Scherer PAC

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=153.8, Std. Dev.=17.85, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9391, critical = 0.881. Kappa = 2.017 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: Sulfate Analysis Run 4/24/2025 9:55 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

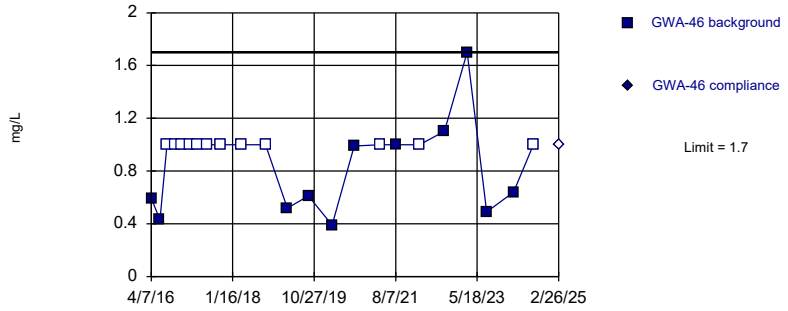
Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 52.17% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Sulfate Analysis Run 4/24/2025 9:55 AM View: Appendix III

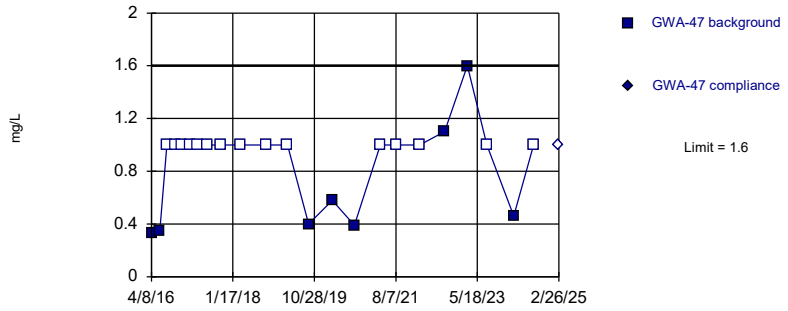
Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 65.22% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

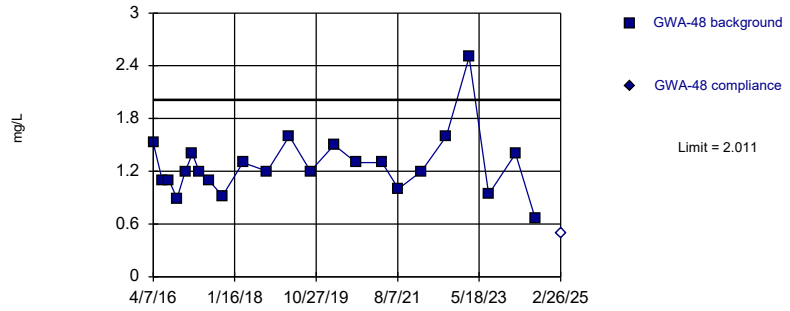
Constituent: Sulfate Analysis Run 4/24/2025 9:55 AM View: Appendix III
Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation): Mean=1.116, Std. Dev.=0.1499, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9204, critical = 0.881. Kappa = 2.017 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

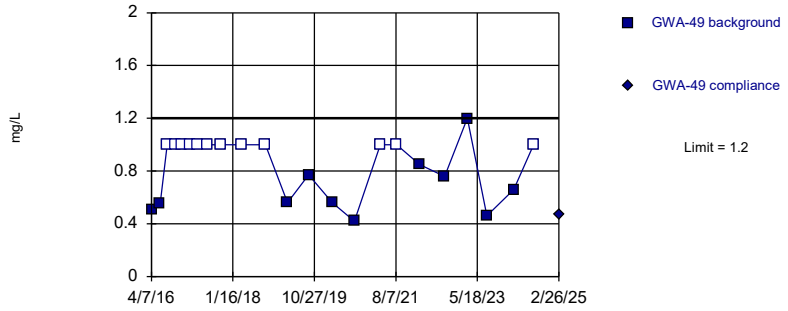
Constituent: Sulfate Analysis Run 4/24/2025 9:55 AM View: Appendix III
Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 23 background values. 52.17% NDs. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

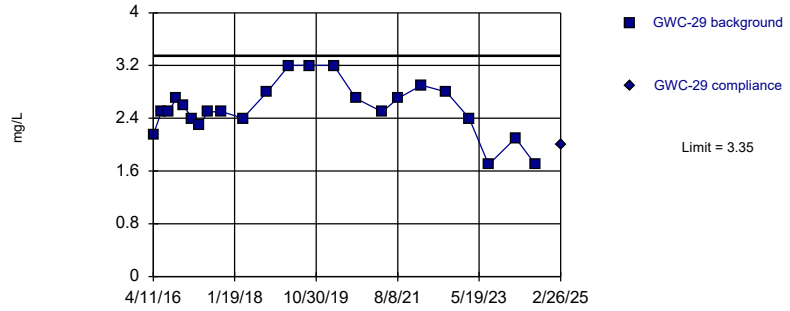
Constituent: Sulfate Analysis Run 4/24/2025 9:55 AM View: Appendix III
Plant Scherer Client: Southern Company Data: Scherer PAC

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=2.541, Std. Dev.=0.4008, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9415, critical = 0.881. Kappa = 2.017 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

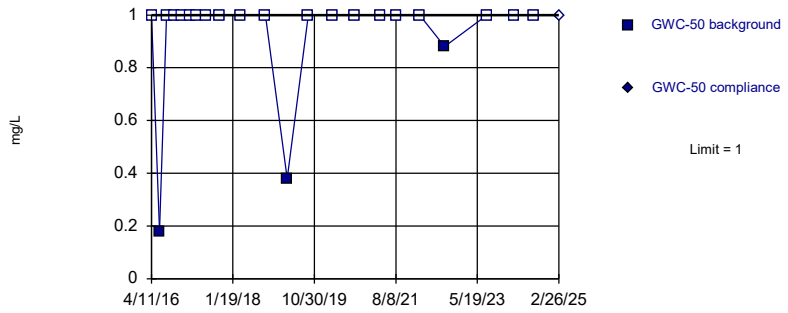
Constituent: Sulfate Analysis Run 4/24/2025 9:55 AM View: Appendix III
Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 22 background values. 86.36% NDs. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

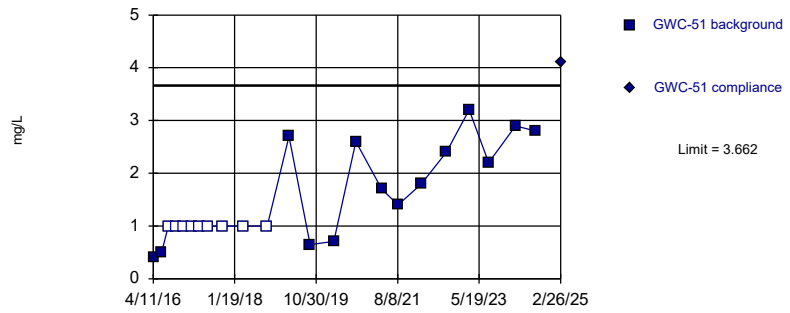
Constituent: Sulfate Analysis Run 4/24/2025 9:55 AM View: Appendix III
Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.

Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation) (after Kaplan-Meier Adjustment): Mean=1.088, Std. Dev.=0.4091, n=23, 39.13% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9016, critical = 0.881. Kappa = 2.017 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

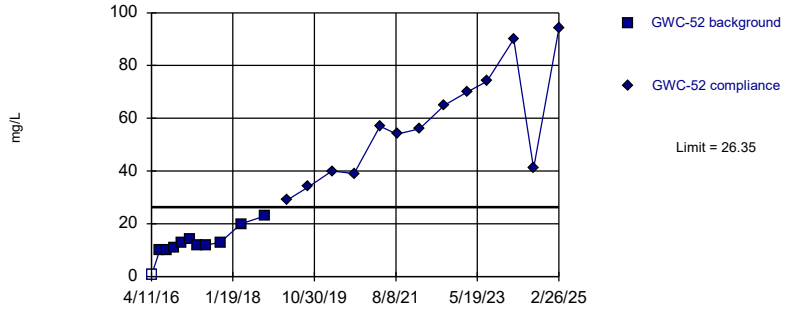
Constituent: Sulfate Analysis Run 4/24/2025 9:55 AM View: Appendix III
Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.

Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=12.57, Std. Dev.=5.74, n=11, 9.091% NDs. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9024, critical = 0.85. Kappa = 2.4 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

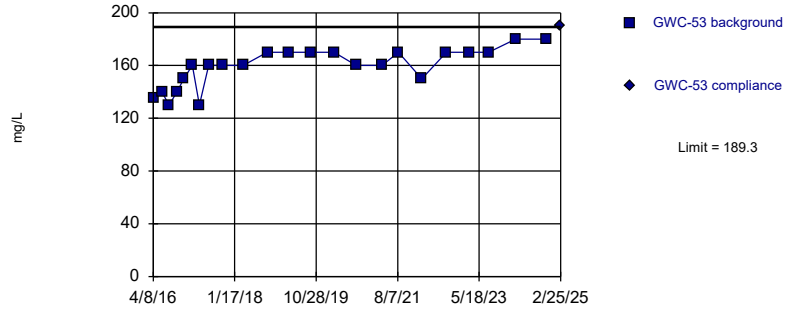
Constituent: Sulfate Analysis Run 4/24/2025 9:56 AM View: Appendix III
Plant Scherer Client: Southern Company Data: Scherer PAC

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Exceeds Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=158.9, Std. Dev.=15.05, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8866, critical = 0.881. Kappa = 2.017 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

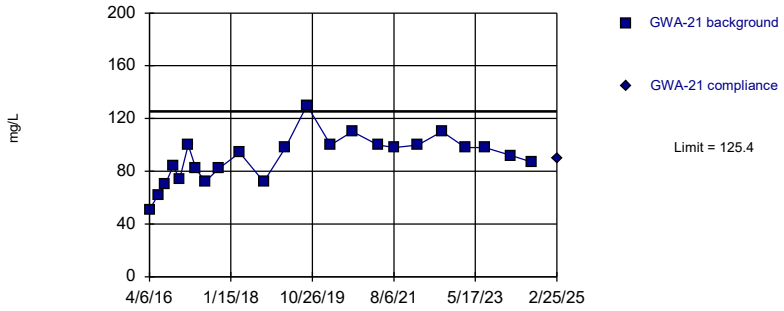
Constituent: Sulfate Analysis Run 4/24/2025 9:56 AM View: Appendix III
Plant Scherer Client: Southern Company Data: Scherer PAC

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=89.74, Std. Dev.=17.65, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9631, critical = 0.881. Kappa = 2.017 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: TDS Analysis Run 4/24/2025 9:56 AM View: Appendix III

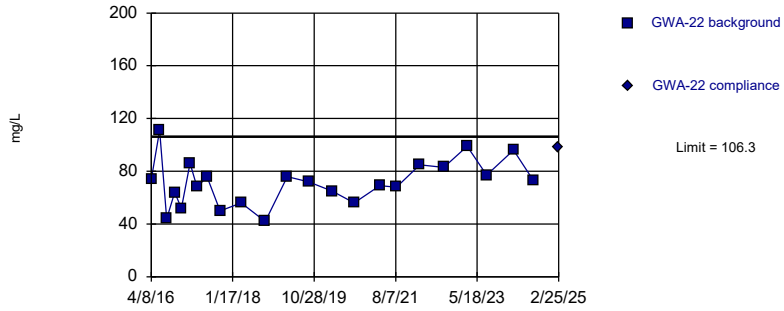
Plant Scherer Client: Southern Company Data: Scherer PAC

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=71.39, Std. Dev.=17.32, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9769, critical = 0.881. Kappa = 2.017 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: TDS Analysis Run 4/24/2025 9:56 AM View: Appendix III

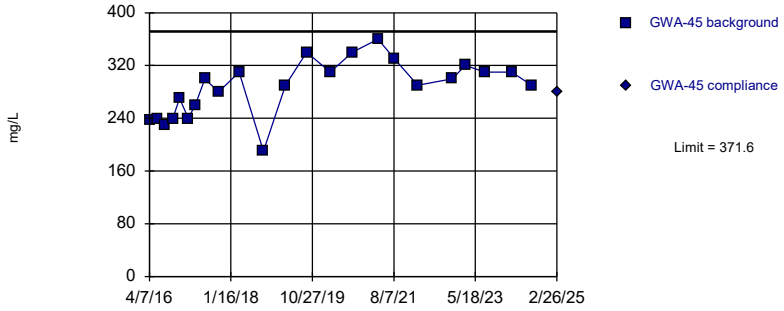
Plant Scherer Client: Southern Company Data: Scherer PAC

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=286.4, Std. Dev.=42.22, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9643, critical = 0.881. Kappa = 2.017 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: TDS Analysis Run 4/24/2025 9:56 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

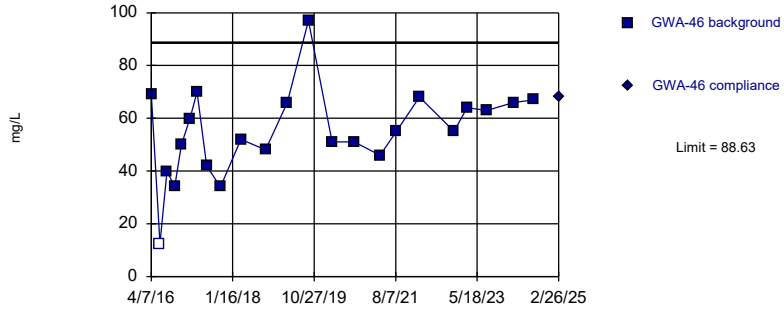
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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=54.8, Std. Dev.=16.77, n=23, 4.348% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9537, critical = 0.881. Kappa = 2.017 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: TDS Analysis Run 4/24/2025 9:56 AM View: Appendix III

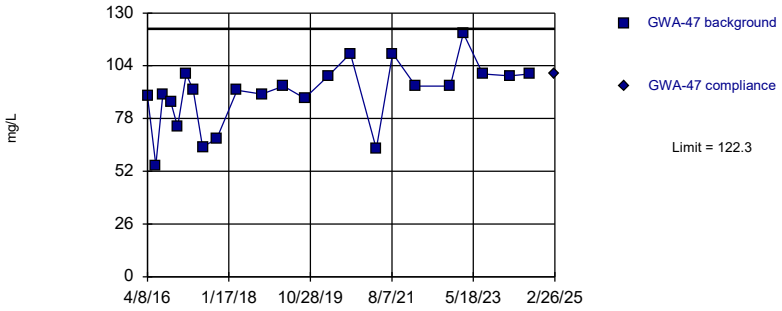
Plant Scherer Client: Southern Company Data: Scherer PAC

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=90.04, Std. Dev.=15.97, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9329, critical = 0.881. Kappa = 2.017 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: TDS Analysis Run 4/24/2025 9:56 AM View: Appendix III

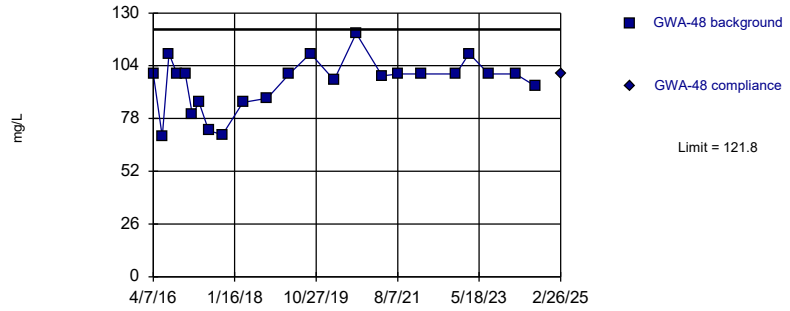
Plant Scherer Client: Southern Company Data: Scherer PAC

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=95.26, Std. Dev.=13.16, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.903, critical = 0.881. Kappa = 2.017 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: TDS Analysis Run 4/24/2025 9:56 AM View: Appendix III

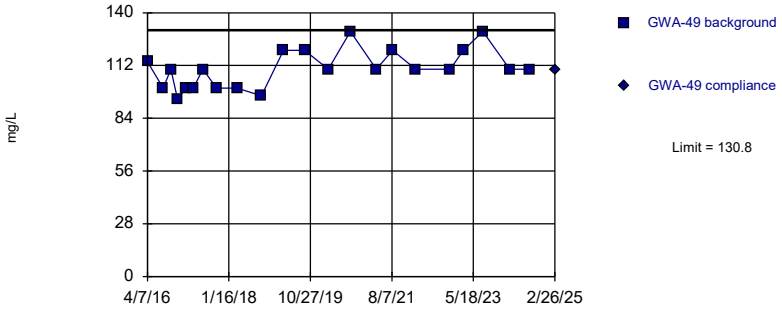
Plant Scherer Client: Southern Company Data: Scherer PAC

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=110.2, Std. Dev.=10.16, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9212, critical = 0.878. Kappa = 2.031 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: TDS Analysis Run 4/24/2025 9:56 AM View: Appendix III

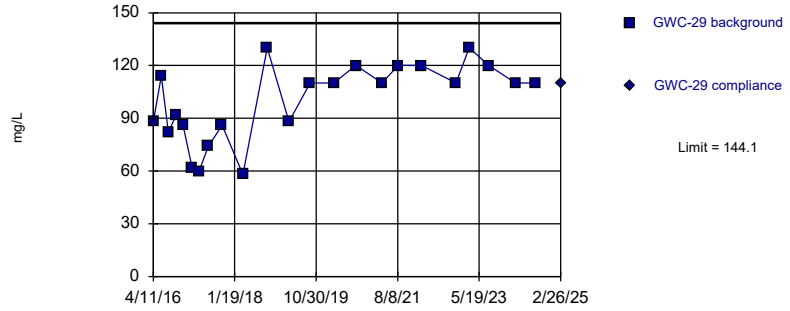
Plant Scherer Client: Southern Company Data: Scherer PAC

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=99.57, Std. Dev.=22.1, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9105, critical = 0.881. Kappa = 2.017 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: TDS Analysis Run 4/24/2025 9:56 AM View: Appendix III

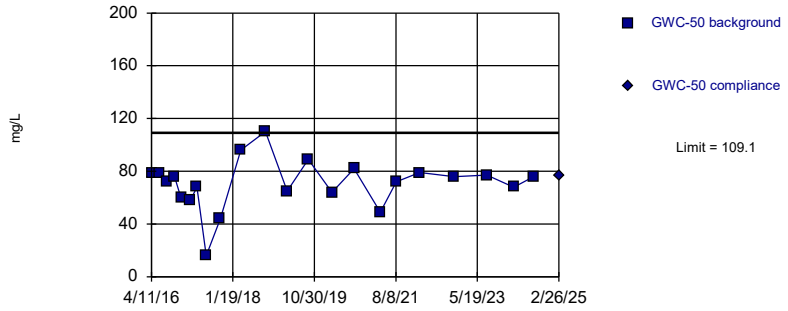
Plant Scherer Client: Southern Company Data: Scherer PAC

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=70.68, Std. Dev.=18.93, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.928, critical = 0.878. Kappa = 2.031 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: TDS Analysis Run 4/24/2025 9:56 AM View: Appendix III

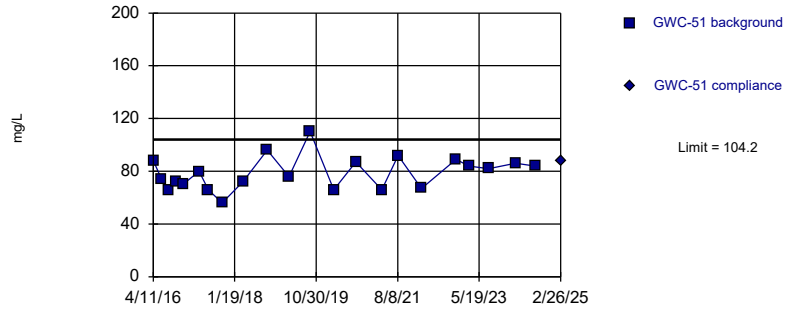
Plant Scherer Client: Southern Company Data: Scherer PAC

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=78.59, Std. Dev.=12.6, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9611, critical = 0.878. Kappa = 2.031 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: TDS Analysis Run 4/24/2025 9:56 AM View: Appendix III

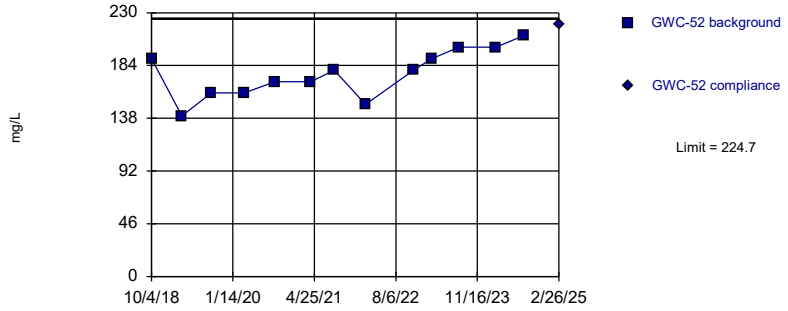
Plant Scherer Client: Southern Company Data: Scherer PAC

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=176.9, Std. Dev.=20.97, n=13. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9727, critical = 0.866. Kappa = 2.279 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: TDS Analysis Run 4/24/2025 9:56 AM View: Appendix III

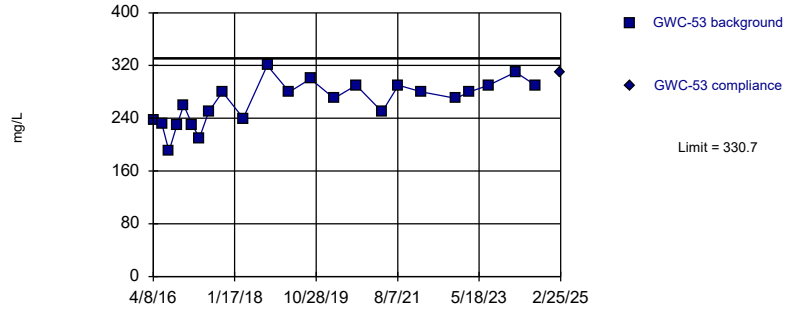
Plant Scherer Client: Southern Company Data: Scherer PAC

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=264.3, Std. Dev.=32.93, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9626, critical = 0.881. Kappa = 2.017 (c=7, w=5, 1 of 2, event alpha = 0.05132). Report alpha = 0.001504.

Constituent: TDS Analysis Run 4/24/2025 9:56 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21	GWA-21
4/6/2016	<0.08	
6/14/2016	0.0012 (J)	
8/10/2016	<0.08	
10/11/2016	<0.08	
12/2/2016	<0.08	
2/10/2017	<0.08	
4/10/2017	<0.08	
6/23/2017	<0.08	
10/9/2017	<0.08	
3/26/2018	<0.08	
10/3/2018	<0.08	
3/27/2019	<0.08	
9/12/2019	0.053	
3/19/2020	<0.08	
9/10/2020	<0.08	
4/2/2021	<0.08	
8/12/2021	<0.08	
2/14/2022	<0.08	
8/26/2022	<0.08	
2/28/2023	<0.08	
8/2/2023	<0.08	
2/29/2024	<0.08	
8/6/2024	<0.08	
2/25/2025		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-22	GWA-22
4/8/2016	<0.08	
6/14/2016	0.0029 (JB)	
8/9/2016	<0.08	
10/11/2016	<0.08	
12/5/2016	<0.08	
2/10/2017	<0.08	
4/7/2017	<0.08	
6/26/2017	<0.08	
10/9/2017	<0.08	
3/26/2018	<0.08	
10/3/2018	<0.08	
3/27/2019	<0.08	
9/12/2019	<0.08	
3/19/2020	<0.08	
9/10/2020	<0.08	
4/2/2021	<0.08	
8/12/2021	<0.08	
2/15/2022	<0.08	
8/26/2022	<0.08	
2/28/2023	0.19	
8/3/2023	<0.08	
3/4/2024	0.033 (J)	
8/8/2024	<0.08	
2/25/2025		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-45	GWA-45
4/7/2016	0.0657 (J)	
6/14/2016	0.12	
8/9/2016	0.22	
10/10/2016	0.52	
12/2/2016	0.65	
2/9/2017	0.57	
4/7/2017	0.5	
6/22/2017	0.48	
10/10/2017	0.79	
3/22/2018	0.66	
10/3/2018	0.89	
3/27/2019	0.74	
9/12/2019	0.91	
3/19/2020	0.86	
9/11/2020	1	
4/2/2021	1.1	
8/12/2021	1.1	
2/14/2022	0.86	
8/31/2022	1.2	
2/28/2023	1.1	
8/3/2023	1.1	
3/4/2024	0.98	
8/8/2024	1.2	
2/26/2025		1

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-46	GWA-46
4/7/2016	<0.08	
6/14/2016	<0.08	
8/9/2016	<0.08	
10/10/2016	<0.08	
12/2/2016	<0.08	
2/10/2017	<0.08	
4/7/2017	<0.08	
6/23/2017	<0.08	
10/10/2017	<0.08	
3/23/2018	<0.08	
10/4/2018	<0.08	
3/27/2019	<0.08	
9/12/2019	<0.08	
3/19/2020	<0.08	
9/11/2020	<0.08	
4/5/2021	<0.08	
8/12/2021	<0.08	
2/14/2022	<0.08	
8/31/2022	<0.08	
2/28/2023	0.11	
8/3/2023	0.027 (J)	
3/4/2024	0.022 (J)	
8/8/2024	<0.08	
2/26/2025		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-47	GWA-47
4/8/2016	<0.08	
6/14/2016	0.00079 (J)	
8/9/2016	<0.08	
10/11/2016	<0.08	
12/5/2016	<0.08	
2/10/2017	<0.08	
4/7/2017	<0.08	
6/22/2017	<0.08	
10/10/2017	<0.08	
3/22/2018	<0.08	
10/5/2018	<0.08	
3/27/2019	<0.08	
9/12/2019	<0.08	
3/20/2020	<0.08	
9/11/2020	<0.08	
4/5/2021	<0.08	
8/13/2021	<0.08	
2/14/2022	<0.08	
8/31/2022	<0.08	
2/28/2023	0.034 (J)	
8/3/2023	<0.08	
3/4/2024	<0.08	
8/8/2024	<0.08	
2/26/2025		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-48	GWA-48
4/7/2016	<0.08	
6/17/2016	0.0049 (JB)	
8/10/2016	<0.08	
10/14/2016	<0.08	
12/19/2016	<0.08	
2/13/2017	<0.08	
4/7/2017	<0.08	
6/22/2017	<0.08	
10/10/2017	<0.08	
3/23/2018	<0.08	
10/3/2018	<0.08	
3/27/2019	<0.08	
9/12/2019	<0.08	
3/19/2020	<0.08	
9/11/2020	<0.08	
4/5/2021	0.044 (J)	
8/12/2021	<0.08	
2/14/2022	<0.08	
8/31/2022	<0.08	
2/28/2023	0.12	
8/3/2023	0.023 (J)	
3/4/2024	<0.08	
8/8/2024	<0.08	
2/26/2025		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-49	GWA-49
4/7/2016	<0.08	
6/14/2016	<0.08	
8/9/2016	<0.08	
10/11/2016	<0.08	
12/2/2016	<0.08	
2/9/2017	<0.08	
4/7/2017	<0.08	
6/22/2017	<0.08	
10/10/2017	<0.08	
3/22/2018	<0.08	
10/3/2018	<0.08	
3/27/2019	<0.08	
9/12/2019	<0.08	
3/19/2020	<0.08	
9/10/2020	<0.08	
4/6/2021	<0.08	
8/12/2021	<0.08	
2/14/2022	<0.08	
8/30/2022	<0.08	
3/1/2023	<0.08	
8/3/2023	<0.08	
3/4/2024	<0.08	
8/9/2024	0.022 (J)	
2/26/2025		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-29
4/11/2016	<0.08	
6/15/2016	0.0021 (J)	
8/10/2016	<0.08	
10/11/2016	<0.08	
12/5/2016	<0.08	
2/13/2017	<0.08	
4/10/2017	<0.08	
6/23/2017	<0.08	
10/10/2017	<0.08	
3/26/2018	<0.08	
10/4/2018	<0.08	
3/28/2019	<0.08	
9/12/2019	<0.08	
3/19/2020	<0.08	
9/10/2020	<0.08	
4/6/2021	<0.08	
8/13/2021	<0.08	
2/14/2022	<0.08	
8/31/2022	<0.08	
3/1/2023	0.075 (J)	
8/3/2023	0.025 (J)	
3/4/2024	<0.08	
8/8/2024	<0.08	
2/26/2025		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-50	GWC-50
4/11/2016	<0.08	
6/15/2016	<0.08	
8/10/2016	<0.08	
10/11/2016	<0.08	
12/2/2016	<0.08	
2/13/2017	<0.08	
4/7/2017	<0.08	
6/22/2017	<0.08	
10/10/2017	<0.08	
3/23/2018	<0.08	
10/4/2018	<0.08	
3/28/2019	<0.08	
9/12/2019	<0.08	
3/19/2020	<0.08	
9/10/2020	<0.08	
4/6/2021	<0.08	
8/13/2021	<0.08	
2/14/2022	<0.08	
8/31/2022	<0.08	
3/1/2023	0.95 (o)	
8/3/2023	<0.08	
3/4/2024	<0.08	
8/8/2024	<0.08	
2/26/2025		<0.08

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-51	GWC-51
4/11/2016	<0.08	
6/16/2016	0.0034 (JB)	
8/10/2016	<0.08	
10/13/2016	<0.08	
12/5/2016	<0.08	
2/13/2017	<0.08	
4/10/2017	<0.08	
6/23/2017	<0.08	
10/11/2017	<0.08	
3/26/2018	<0.08	
10/4/2018	<0.08	
3/27/2019	<0.08	
9/12/2019	<0.08	
3/19/2020	<0.08	
9/11/2020	<0.08	
4/5/2021	<0.08	
8/13/2021	<0.08	
2/15/2022	<0.08	
8/31/2022	<0.08	
2/28/2023	0.08	
8/3/2023	<0.08	
3/4/2024	0.036 (J)	
8/8/2024	<0.08	
2/26/2025		0.022 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-52	GWC-52
4/11/2016	<0.08	
6/16/2016	0.0013 (JB)	
8/11/2016	<0.08	
10/13/2016	<0.08	
12/5/2016	<0.08	
2/13/2017	<0.08	
4/11/2017	<0.08	
6/24/2017	<0.08	
10/11/2017	<0.08	
3/26/2018	<0.08	
10/4/2018	<0.08	
3/28/2019	<0.08	
9/12/2019	<0.08	
3/19/2020	<0.08	
9/11/2020	<0.08	
4/5/2021	<0.08	
8/17/2021	<0.08	
2/14/2022	<0.08	
8/31/2022	<0.08	
3/1/2023	<0.08	
8/3/2023	<0.08	
3/4/2024	0.023 (J)	
8/8/2024	0.023 (J)	
2/26/2025		0.028 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-53	GWC-53
4/8/2016	0.824	
6/16/2016	0.8 (J)	
8/11/2016	0.97	
10/13/2016	0.94	
12/6/2016	1	
2/13/2017	0.97	
4/11/2017	0.88	
6/24/2017	0.87	
10/11/2017	1.1	
3/26/2018	0.91	
10/4/2018	0.92	
3/28/2019	0.97	
9/12/2019	0.94	
3/19/2020	1	
9/11/2020	0.97	
4/6/2021	0.97	
8/13/2021	0.94	
2/14/2022	1	
8/31/2022	1	
2/28/2023	0.91	
8/3/2023	0.97	
3/4/2024	0.97	
8/8/2024	1.2	
2/25/2025		1.1

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21	GWA-21
4/6/2016	9.27	
6/14/2016	8.2	
8/10/2016	6.9	
10/11/2016	7.6	
12/2/2016	7.4	
2/10/2017	11	
4/10/2017	9.7	
6/23/2017	9.2	
10/9/2017	9.4	
3/26/2018	9.3	
10/3/2018	7.8	
3/27/2019	9.5	
9/12/2019	8.8	
3/19/2020	11	
9/10/2020	8.2	
4/2/2021	9.2	
8/12/2021	7.2	
2/14/2022	8	
8/26/2022	6.8	
2/28/2023	8.1	
8/2/2023	6.4	
2/29/2024	6.7	
8/6/2024	6	
2/25/2025		5.8

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-22	GWA-22
4/8/2016	8.6	
6/14/2016	6.8	
8/9/2016	6.2	
10/11/2016	6.2	
12/5/2016	5.5	
2/10/2017	7.8	
4/7/2017	7.3	
6/26/2017	6.8	
10/9/2017	5.8	
3/26/2018	8.7	
10/3/2018	6.1	
3/27/2019	7.1	
9/12/2019	6.1	
3/19/2020	9.7	
9/10/2020	5.9	
4/2/2021	9	
8/12/2021	6	
2/15/2022	9.6	
8/26/2022	7.8	
2/28/2023	11	
8/3/2023	9.6	
3/4/2024	11	
8/8/2024	7.8	
2/25/2025		11

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-45	GWA-45
4/7/2016	38.4	
6/14/2016	32.9	
8/9/2016	29	
10/10/2016	33	
12/2/2016	33	
2/9/2017	42	
4/7/2017	35	
6/22/2017	38	
10/10/2017	40	
3/22/2018	39	
10/3/2018	41	
3/27/2019	39	
9/12/2019	36	
3/19/2020	45	
9/11/2020	30	
4/2/2021	29	
8/12/2021	26	
2/14/2022	26	
8/31/2022	23	
2/28/2023	23	
8/3/2023	23	
3/4/2024	25	
8/8/2024	20	
2/26/2025		26

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-46	GWA-46
4/7/2016	6.57	
6/14/2016	5.5	
8/9/2016	4.6	
10/10/2016	5.3	
12/2/2016	5.1	
2/10/2017	5.8	
4/7/2017	5.2	
6/23/2017	5.7	
10/10/2017	5.8	
3/23/2018	6.6	
10/4/2018	5.4	
3/27/2019	6.1	
9/12/2019	5.7	
3/19/2020	6.7	
9/11/2020	5.5	
4/5/2021	7	
8/12/2021	6.1	
2/14/2022	5.9	
8/31/2022	5.7	
2/28/2023	6.6	
8/3/2023	6.4	
3/4/2024	6.8	
8/8/2024	6.9	
2/26/2025		6.1

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-47	GWA-47
4/8/2016	10.7	
6/14/2016	11.3	
8/9/2016	9.6	
10/11/2016	11	
12/5/2016	10	
2/10/2017	11	
4/7/2017	10	
6/22/2017	11	
10/10/2017	11	
3/22/2018	11	
10/5/2018	11	
3/27/2019	11	
9/12/2019	12	
3/20/2020	12	
9/11/2020	11	
4/5/2021	13	
8/13/2021	11	
2/14/2022	11	
8/31/2022	12	
2/28/2023	13	
8/3/2023	13	
3/4/2024	15	
8/8/2024	17	
2/26/2025		14

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-48	GWA-48
4/7/2016	12.6	
6/17/2016	12.4	
8/10/2016	11	
10/14/2016	13	
12/19/2016	11	
2/13/2017	13	
4/7/2017	12	
6/22/2017	13	
10/10/2017	13	
3/23/2018	13	
10/3/2018	12	
3/27/2019	13	
9/12/2019	13	
3/19/2020	14	
9/11/2020	12	
4/5/2021	13	
8/12/2021	12	
2/14/2022	11	
8/31/2022	12	
2/28/2023	13	
8/3/2023	12	
3/4/2024	13	
8/8/2024	13	
2/26/2025		12

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-49	GWA-49
4/7/2016	15.3	
6/14/2016	14.2	
8/9/2016	13	
10/11/2016	14	
12/2/2016	13	
2/9/2017	14	
4/7/2017	14	
6/22/2017	14	
10/10/2017	15	
3/22/2018	14	
10/3/2018	14	
3/27/2019	15	
9/12/2019	14	
3/19/2020	15	
9/10/2020	14	
4/6/2021	16	
8/12/2021	14	
2/14/2022	13	
8/30/2022	14	
3/1/2023	15	
8/3/2023	15	
3/4/2024	14	
8/9/2024	16	
2/26/2025		14

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-29
4/11/2016	9.7	
6/15/2016	9.5	
8/10/2016	8.5	
10/11/2016	9.3	
12/5/2016	9	
2/13/2017	9.2	
4/10/2017	9.2	
6/23/2017	9.8	
10/10/2017	10	
3/26/2018	11	
10/4/2018	10	
3/28/2019	11	
9/12/2019	12	
3/19/2020	16	
9/10/2020	15	
4/6/2021	17	
8/13/2021	15	
2/14/2022	16	
8/31/2022	17	
3/1/2023	19	
8/3/2023	18	
3/4/2024	18	
8/8/2024	19	
2/26/2025		18

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-50	GWC-50
4/11/2016	7.04	
6/15/2016	7.4	
8/10/2016	6.7	
10/11/2016	6.9	
12/2/2016	6.5	
2/13/2017	7.9	
4/7/2017	6.5	
6/22/2017	6.8	
10/10/2017	7.3	
3/23/2018	7.5	
10/4/2018	6.7	
3/28/2019	7.2	
9/12/2019	7.5	
3/19/2020	7.9	
9/10/2020	7.5	
4/6/2021	7.7	
8/13/2021	7.2	
2/14/2022	6.5	
8/31/2022	7.1	
3/1/2023	20 (o)	
8/3/2023	8	
3/4/2024	7.9	
8/8/2024	7.6	
2/26/2025		7.5

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-51	GWC-51
4/11/2016	6.9	
6/16/2016	7.6	
8/10/2016	5.7	
10/13/2016	6.7	
12/5/2016	6.4	
2/13/2017	6.2	
4/10/2017	6.2	
6/23/2017	6.6	
10/11/2017	6.9 (B)	
3/26/2018	7	
10/4/2018	6.4	
3/27/2019	7	
9/12/2019	7.1	
3/19/2020	7.1	
9/11/2020	7	
4/5/2021	8	
8/13/2021	7	
2/15/2022	6.4	
8/31/2022	7.2	
2/28/2023	7.6	
8/3/2023	8.2	
3/4/2024	8.1	
8/8/2024	9	
2/26/2025		8.1

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-52	GWC-52
4/11/2016	12.8	
6/16/2016	14.3	
8/11/2016	11	
10/13/2016	13	
12/5/2016	12	
2/13/2017	13	
4/11/2017	13	
6/24/2017	13	
10/11/2017	15 (B)	
3/26/2018	15	
10/4/2018	14	
3/28/2019	15	
9/12/2019	17	
3/19/2020	19	
9/11/2020	18	
4/5/2021	21	
8/17/2021	22	
2/14/2022	18	
8/31/2022	21	
3/1/2023		25
8/3/2023		24
3/4/2024		28
8/8/2024		30
2/26/2025		27

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-53	GWC-53
4/8/2016	17.5	
6/16/2016	18.4	
8/11/2016	13	
10/13/2016	15	
12/6/2016	15	
2/13/2017	16	
4/11/2017	17	
6/24/2017	17	
10/11/2017	19 (B)	
3/26/2018	19	
10/4/2018	17	
3/28/2019	18	
9/12/2019	18	
3/19/2020	19	
9/11/2020	19	
4/6/2021	19	
8/13/2021	17	
2/14/2022	16	
8/31/2022	17	
2/28/2023	18	
8/3/2023	18	
3/4/2024	19	
8/8/2024	22	
2/25/2025		20

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21	GWA-21
4/6/2016	3.034	
6/14/2016	3.1	
8/10/2016	2.7	
10/11/2016	2.7	
12/2/2016	2.5	
2/10/2017	3.4	
4/10/2017	3.6	
6/23/2017	3.2	
10/9/2017	3.5	
3/26/2018	3.8	
10/3/2018	4	
3/27/2019	2.9	
9/12/2019	3.4	
3/19/2020	3.9	
9/10/2020	3.7	
4/2/2021	3.7	
8/12/2021	4.1	
2/14/2022	4	
8/26/2022	3.6	
2/28/2023	3.6	
8/2/2023	3.4	
2/29/2024	3.7	
8/6/2024	3.2	
2/25/2025		3

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-22	GWA-22
4/8/2016	2.1	
6/14/2016	4.2	
8/9/2016	5	
10/11/2016	3.8	
12/5/2016	3.6	
2/10/2017	2.2	
4/7/2017	2.2	
6/26/2017	3.4	
10/9/2017	3.4	
3/26/2018	1.9	
10/3/2018	2.9	
3/27/2019	2	
9/12/2019	2.5	
3/19/2020	2.2	
9/10/2020	2.5	
4/2/2021	1.8	
8/12/2021	2.7	
2/15/2022	1.8	
8/26/2022	2	
2/28/2023	1.8	
8/3/2023	1.8	
3/4/2024	1.8	
8/8/2024	1.9	
2/25/2025		1.8

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-45	GWA-45
4/7/2016	8.05	
6/14/2016	9.3 (D)	
8/9/2016	10	
10/10/2016	10	
12/2/2016	10	
2/9/2017	9.4	
4/7/2017	9.9	
6/22/2017	9.7	
10/10/2017	9.8	
3/22/2018	9.7	
10/3/2018	10	
3/27/2019	9.6	
9/12/2019	10	
3/19/2020	9.9	
9/11/2020	12	
4/2/2021	13	
8/12/2021	13	
2/14/2022	10	
8/31/2022	13	
2/28/2023	13	
8/3/2023	13	
3/4/2024	14	
8/8/2024	27 (o)	
11/7/2024	13	
2/26/2025		12

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-46	GWA-46
4/7/2016	2.914	
6/14/2016	3.1	
8/9/2016	3.2	
10/10/2016	3	
12/2/2016	3	
2/10/2017	2.7	
4/7/2017	2.9	
6/23/2017	3.3	
10/10/2017	3.5	
3/23/2018	3.6	
10/4/2018	3.9	
3/27/2019	3.7	
9/12/2019	4.3	
3/19/2020	4.5	
9/11/2020	4.7	
4/5/2021	5.3	
8/12/2021	5.5	
2/14/2022	5	
8/31/2022	5.1	
2/28/2023	5.2	
8/3/2023	5.2	
3/4/2024	5.4	
8/8/2024	5.5	
2/26/2025		5.8

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-47	GWA-47
4/8/2016	1.57	
6/14/2016	1.7	
8/9/2016	1.5	
10/11/2016	1.6	
12/5/2016	1.5	
2/10/2017	1.5	
4/7/2017	1.4	
6/22/2017	1.4	
10/10/2017	1.4	
3/22/2018	1.3	
10/5/2018	1.4	
3/27/2019	1.2	
9/12/2019	1.4	
3/20/2020	1.7 (F1)	
9/11/2020	1.6	
4/5/2021	1.8	
8/13/2021	1.8	
2/14/2022	1.5	
8/31/2022	1.5	
2/28/2023	1.7	
8/3/2023	1.6	
3/4/2024	1.8	
8/8/2024	1.7	
2/26/2025		1.8

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-48	GWA-48
4/7/2016	1.842	
6/17/2016	1.9 (BD)	
8/10/2016	1.8	
10/14/2016	1.7	
12/19/2016	2.7 (O)	
2/13/2017	1.8	
4/7/2017	1.7	
6/22/2017	1.7	
10/10/2017	1.6	
3/23/2018	1.6	
10/3/2018	1.6	
3/27/2019	1.5	
9/12/2019	1.7	
3/19/2020	1.9	
9/11/2020	1.8	
4/5/2021	2	
8/12/2021	1.8	
2/14/2022	1.8	
8/31/2022	1.6	
2/28/2023	1.8	
8/3/2023	1.7	
3/4/2024	1.8	
8/8/2024	1.8	
2/26/2025		2

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-49	GWA-49
4/7/2016	2.285	
6/14/2016	2.3	
8/9/2016	2.3	
10/11/2016	2.1	
12/2/2016	2	
2/9/2017	2.1	
4/7/2017	2	
6/22/2017	2	
10/10/2017	2	
3/22/2018	1.9	
10/3/2018	2	
3/27/2019	1.9	
9/12/2019	1.9	
3/19/2020	2.2	
9/10/2020	2.1	
4/6/2021	2.1	
8/12/2021	2.2	
2/14/2022	2	
8/30/2022	2.2	
3/1/2023	2.1	
8/3/2023	1.9	
3/4/2024	2	
8/9/2024	2	
2/26/2025		2.1

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-29
4/11/2016	1.57 (O)	
6/15/2016	3.9	
8/10/2016	4	
10/11/2016	3.7	
12/5/2016	3.6	
2/13/2017	3.4	
4/10/2017	3.5	
6/23/2017	3.4	
10/10/2017	3.3	
3/26/2018	3.1	
10/4/2018	3.1	
3/28/2019	2.8	
9/12/2019	3	
3/19/2020	3.4	
9/10/2020	3.3	
4/6/2021	3.3	
8/13/2021	3.7	
2/14/2022	3.8	
8/31/2022	3.5	
3/1/2023	3.9	
8/3/2023	3.3	
3/4/2024	3.4	
8/8/2024	3.2	
2/26/2025		3.3

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-50	GWC-50
4/11/2016	2.09	
6/15/2016	2.1	
8/10/2016	2	
10/11/2016	1.9	
12/2/2016	1.9	
2/13/2017	1.9	
4/7/2017	2	
6/22/2017	1.9	
10/10/2017	1.9	
3/23/2018	1.9	
10/4/2018	1.9	
3/28/2019	1.8	
9/12/2019	1.8	
3/19/2020	2.1	
9/10/2020	2.1	
4/6/2021	1.9	
8/13/2021	2.1	
2/14/2022	1.9	
8/31/2022	1.6	
3/1/2023	14 (o)	
5/2/2023	1.7	
8/3/2023	1.6	
3/4/2024	1.9	
8/8/2024	1.8	
2/26/2025		1.9

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-51	GWC-51
4/11/2016	2.09 (O)	
6/16/2016	6.3	
8/10/2016	6.9	
10/13/2016	6.5	
12/5/2016	6.6	
2/13/2017	6.7	
4/10/2017	6.7	
6/23/2017	6.6	
10/11/2017	6.5	
3/26/2018	6.6	
10/4/2018	6.9	
3/27/2019	7	
9/12/2019	6.8	
3/19/2020	7.3	
9/11/2020	7.7	
4/5/2021	7.8	
8/13/2021	8	
2/15/2022	7.6	
8/31/2022	7.7	
2/28/2023	7.9	
8/3/2023	7.8	
3/4/2024	8.4	
8/8/2024	8	
2/26/2025		8.7

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-52	GWC-52
4/11/2016	<0.25 (O)	
6/16/2016	7.4	
8/11/2016	8.3	
10/13/2016	7.8	
12/5/2016	8.1	
2/13/2017	8	
4/11/2017	7.6	
6/24/2017	8.3	
10/11/2017	7.9	
3/26/2018	7.8	
10/4/2018	8.1	
3/28/2019	7.5	
9/12/2019	7.7	
3/19/2020	8.2	
9/11/2020	7.9	
4/5/2021	8.2	
8/17/2021	8.3	
2/14/2022	7.6	
8/31/2022	7.6	
3/1/2023	8	
8/3/2023	7.6	
3/4/2024	8.1	
8/8/2024	4.3 (J)	
2/26/2025		8.6

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-53	GWC-53
4/8/2016	10.065	
6/16/2016	9.4	
8/11/2016	10	
10/13/2016	9.9	
12/6/2016	10	
2/13/2017	10	
4/11/2017	10	
6/24/2017	10	
10/11/2017	10	
3/26/2018	11	
10/4/2018	12	
3/28/2019	12	
9/12/2019	11	
3/19/2020	13	
9/11/2020	12	
4/6/2021	13	
8/13/2021	13	
2/14/2022	12	
8/31/2022	13	
2/28/2023	13	
8/3/2023	14	
10/4/2023	15	
3/4/2024	15	
5/20/2024	13	
8/8/2024	29 (o)	
11/7/2024	14	
2/25/2025		14

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21	GWA-21
4/6/2016	0.035 (J)	
6/14/2016	<0.1	
8/10/2016	<0.1	
10/11/2016	<0.1	
12/2/2016	<0.1	
2/10/2017	<0.1	
4/10/2017	<0.1	
6/23/2017	<0.1	
10/9/2017	<0.1	
3/26/2018	<0.1	
10/3/2018	<0.1	
3/27/2019	0.035 (J)	
9/12/2019	0.04 (J)	
3/19/2020	0.059 (J)	
9/10/2020	0.044 (J)	
4/2/2021	0.028 (J)	
8/12/2021	0.04 (J)	
2/14/2022	0.058 (J)	
8/26/2022	0.092 (J)	
2/28/2023	0.076 (J)	
8/2/2023	0.044 (J)	
2/29/2024	<0.1	
8/6/2024	<0.1	
2/25/2025		<0.1

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-22	GWA-22
4/8/2016	0.042 (J)	
6/14/2016	<0.1	
8/9/2016	<0.1	
10/11/2016	<0.1	
12/5/2016	<0.1	
2/10/2017	<0.1	
4/7/2017	<0.1	
6/26/2017	<0.1	
10/9/2017	<0.1	
3/26/2018	<0.1	
10/3/2018	<0.1	
3/27/2019	0.036 (J)	
9/12/2019	0.043 (J)	
3/19/2020	0.054 (J)	
9/10/2020	0.034 (J)	
4/2/2021	0.032 (J)	
8/12/2021	0.028 (J)	
2/15/2022	0.088 (J)	
8/26/2022	0.028 (J)	
2/28/2023	0.071 (J)	
8/3/2023	0.042 (J)	
3/4/2024	<0.1	
8/8/2024	<0.1	
2/25/2025		<0.1

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-45	GWA-45
4/7/2016	0.035 (J)	
6/14/2016	<0.1	
8/9/2016	<0.1	
10/10/2016	<0.1	
12/2/2016	<0.1	
2/9/2017	<0.1	
4/7/2017	<0.1	
6/22/2017	<0.1	
10/10/2017	<0.1	
3/22/2018	<0.1	
10/3/2018	<0.1	
3/27/2019	<0.1	
9/12/2019	0.026 (J)	
3/19/2020	0.041 (J)	
9/11/2020	<0.1	
4/2/2021	<0.1	
8/12/2021	<0.1	
2/14/2022	0.052 (J)	
8/31/2022	0.033 (J)	
2/28/2023	0.069 (J)	
8/3/2023	<0.1	
3/4/2024	<0.1	
8/8/2024	<0.1	
2/26/2025		<0.1

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-46	GWA-46
4/7/2016	0.024 (J)	
6/14/2016	<0.1	
8/9/2016	<0.1	
10/10/2016	<0.1	
12/2/2016	<0.1	
2/10/2017	<0.1	
4/7/2017	<0.1	
6/23/2017	<0.1	
10/10/2017	<0.1	
3/23/2018	<0.1	
10/4/2018	<0.1	
3/27/2019	0.033 (J)	
9/12/2019	<0.1	
3/19/2020	<0.1	
9/11/2020	<0.1	
4/5/2021	0.039 (J)	
8/12/2021	0.11	
2/14/2022	0.05 (J)	
8/31/2022	0.033 (J)	
2/28/2023	0.05 (J)	
8/3/2023	<0.1	
3/4/2024	<0.1	
8/8/2024	<0.1	
2/26/2025		<0.1

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-47	GWA-47
4/8/2016	0.047 (J)	
6/14/2016	<0.1	
8/9/2016	<0.1	
10/11/2016	<0.1	
12/5/2016	<0.1	
2/10/2017	<0.1	
4/7/2017	<0.1	
6/22/2017	<0.1	
10/10/2017	<0.1	
3/22/2018	<0.1	
10/5/2018	<0.1	
3/27/2019	0.041 (J)	
9/12/2019	0.041 (J)	
3/20/2020	<0.1	
9/11/2020	0.034 (J)	
4/5/2021	0.038 (J)	
8/13/2021	0.09 (J)	
2/14/2022	0.068 (J)	
8/31/2022	0.056 (J)	
2/28/2023	0.059 (J)	
8/3/2023	0.047 (J)	
3/4/2024	<0.1	
8/8/2024	<0.1	
2/26/2025		<0.1

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-48	GWA-48
4/7/2016	0.044 (J)	
6/17/2016	<0.1 (D)	
8/10/2016	<0.1	
10/14/2016	<0.1	
12/19/2016	0.1 (J)	
2/13/2017	<0.1	
4/7/2017	<0.1	
6/22/2017	<0.1	
10/10/2017	<0.1	
3/23/2018	<0.1	
10/3/2018	<0.1	
3/27/2019	0.04 (J)	
9/12/2019	0.044 (J)	
3/19/2020	0.049 (J)	
9/11/2020	0.035 (J)	
4/5/2021	0.031 (J)	
8/12/2021	0.052 (J)	
2/14/2022	0.056 (J)	
8/31/2022	0.053 (J)	
2/28/2023	0.079 (J)	
8/3/2023	0.045 (J)	
3/4/2024	<0.1	
8/8/2024	<0.1	
2/26/2025		<0.1

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-49	GWA-49
4/7/2016	0.041 (J)	
6/14/2016	<0.1	
8/9/2016	<0.1	
10/11/2016	<0.1	
12/2/2016	<0.1	
2/9/2017	<0.1	
4/7/2017	<0.1	
6/22/2017	<0.1	
10/10/2017	<0.1	
3/22/2018	<0.1	
10/3/2018	<0.1	
3/27/2019	0.037 (J)	
9/12/2019	0.042 (J)	
3/19/2020	0.044 (J)	
9/10/2020	0.036 (J)	
4/6/2021	0.03 (J)	
8/12/2021	0.058 (J)	
2/14/2022	0.07 (J)	
8/30/2022	0.044 (J)	
3/1/2023	0.036 (J)	
8/3/2023	0.044 (J)	
3/4/2024	<0.1	
8/9/2024	<0.1	
2/26/2025		<0.1

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-29
4/11/2016	0.033 (J)	
6/15/2016	<0.1	
8/10/2016	<0.1	
10/11/2016	<0.1	
12/5/2016	<0.1	
2/13/2017	<0.1	
4/10/2017	<0.1	
6/23/2017	<0.1	
10/10/2017	<0.1	
3/26/2018	<0.1	
10/4/2018	<0.1	
3/28/2019	0.033 (J)	
9/12/2019	0.042 (J)	
3/19/2020	0.042 (J)	
9/10/2020	0.04 (J)	
4/6/2021	0.031 (J)	
8/13/2021	0.065 (JF1)	
2/14/2022	0.074 (J)	
8/31/2022	0.082 (J)	
3/1/2023	0.042 (J)	
8/3/2023	0.06 (J)	
3/4/2024	<0.1	
8/8/2024	<0.1	
2/26/2025		<0.1

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-50	GWC-50
4/11/2016	0.027 (J)	
6/15/2016	<0.1	
8/10/2016	<0.1	
10/11/2016	<0.1	
12/2/2016	<0.1	
2/13/2017	<0.1	
4/7/2017	<0.1	
6/22/2017	<0.1	
10/10/2017	<0.1	
3/23/2018	<0.1	
10/4/2018	<0.1	
3/28/2019	0.042 (J)	
9/12/2019	0.028 (J)	
3/19/2020	0.039 (J)	
9/10/2020	<0.1	
4/6/2021	<0.1	
8/13/2021	0.048 (J)	
2/14/2022	0.057 (J)	
8/31/2022	0.065 (J)	
3/1/2023	0.029 (J)	
8/3/2023	<0.1	
3/4/2024	<0.1	
8/8/2024	<0.1	
2/26/2025		<0.1

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-51	GWC-51
4/11/2016	0.027 (J)	
6/16/2016	<0.1	
8/10/2016	<0.1	
10/13/2016	<0.1	
12/5/2016	<0.1	
2/13/2017	<0.1	
4/10/2017	<0.1	
6/23/2017	<0.1	
10/11/2017	<0.1	
3/26/2018	<0.1	
10/4/2018	<0.1	
3/27/2019	<0.1	
9/12/2019	0.028 (J)	
3/19/2020	0.037 (J)	
9/11/2020	0.049 (J)	
4/5/2021	<0.1	
8/13/2021	0.043 (J)	
2/15/2022	0.06 (J)	
8/31/2022	0.066 (J)	
2/28/2023	0.074 (J)	
8/3/2023	<0.1	
3/4/2024	<0.1	
8/8/2024	<0.1	
2/26/2025		<0.1

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-52	GWC-52
4/11/2016	<0.1	
6/16/2016	<0.1	
8/11/2016	<0.1	
10/13/2016	<0.1	
12/5/2016	<0.1	
2/13/2017	<0.1	
4/11/2017	<0.1	
6/24/2017	<0.1	
10/11/2017	<0.1	
3/26/2018	<0.1	
10/4/2018	<0.1	
3/28/2019	0.039 (J)	
9/12/2019	0.042 (J)	
3/19/2020	0.053 (J)	
9/11/2020	0.041 (J)	
4/5/2021	0.05 (J)	
8/17/2021	0.094 (JF1)	
2/14/2022	0.055 (J)	
8/31/2022	0.053 (J)	
3/1/2023	0.066 (J)	
8/3/2023	0.046 (J)	
3/4/2024	<0.1	
8/8/2024	<0.1	
2/26/2025		<0.1

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-53	GWC-53
4/8/2016	<0.1	
6/16/2016	<0.1	
8/11/2016	<0.1	
10/13/2016	<0.1	
12/6/2016	<0.1	
2/13/2017	<0.1	
4/11/2017	<0.1	
6/24/2017	<0.1	
10/11/2017	<0.1	
3/26/2018	<0.1	
10/4/2018	<0.1	
3/28/2019	<0.1	
9/12/2019	<0.1	
3/19/2020	<0.1	
9/11/2020	<0.1	
4/6/2021	<0.1	
8/13/2021	0.034 (J)	
2/14/2022	0.041 (J)	
8/31/2022	0.055 (J)	
2/28/2023	0.031 (J)	
8/3/2023	<0.1	
3/4/2024	<0.1	
8/8/2024	<0.1	
2/25/2025		<0.1

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21	GWA-21
12/22/2010	5.72	
2/14/2011	6.01	
3/22/2011	5.65	
4/26/2011	5.67	
10/27/2011	5.95	
5/1/2012	5.88	
11/8/2012	5.82	
5/7/2013	5.48	
11/4/2013	5.97	
5/24/2014	5.52	
11/8/2014	5.89 (D)	
5/21/2015	5.64	
11/13/2015	5.65 (D)	
4/6/2016	6	
6/14/2016	5.75	
8/10/2016	5.75	
10/11/2016	5.8	
12/2/2016	5.78	
2/10/2017	5.83	
4/10/2017	5.74	
6/23/2017	5.83	
6/26/2017	5.83	
10/9/2017	5.61	
3/26/2018	5.76	
10/3/2018	5.78	
3/27/2019	5.97	
9/12/2019	5.83	
3/19/2020	5.81	
9/10/2020	5.83	
4/2/2021	6.06	
8/12/2021	5.88	
2/14/2022	5.99	
8/26/2022	5.73	
2/28/2023	5.81	
8/2/2023	5.86	
2/29/2024	5.8	
8/6/2024	5.76	
2/25/2025		6.07

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-22	GWA-22
12/22/2010	5.97	
2/14/2011	6.37	
3/22/2011	5.83	
4/26/2011	5.87	
10/27/2011	6.14	
5/1/2012	6.2	
11/8/2012	5.77	
5/7/2013	5.94	
11/4/2013	5.87	
5/24/2014	5.83	
11/8/2014	5.92 (D)	
5/21/2015	5.97 (D)	
11/13/2015	5.8 (D)	
4/8/2016	6.12	
6/14/2016	5.84	
8/9/2016	5.75	
10/11/2016	5.84	
12/5/2016	5.7	
2/10/2017	6.17	
4/7/2017	5.99	
6/26/2017	5.87	
10/9/2017	5.52	
3/26/2018	6.06	
10/3/2018	5.83	
3/27/2019	6.04	
9/12/2019	5.87	
3/19/2020	6.14	
9/10/2020	5.78	
4/2/2021	6.03	
8/12/2021	5.91	
2/15/2022	6.4	
8/26/2022	5.86	
2/28/2023	6.21	
8/3/2023	6.03	
3/4/2024	6.41	
8/8/2024	5.93	
2/25/2025		6.66

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-45	GWA-45
12/20/2010	6.21	
2/14/2011	6.17	
3/21/2011	6.14	
4/26/2011	5.91	
10/26/2011	6.39	
5/1/2012	6.32	
11/8/2012	6.08	
5/8/2013	6.34	
11/4/2013	6.36	
5/24/2014	5.94	
11/7/2014	6.26 (D)	
5/20/2015	6	
11/13/2015	6.02 (D)	
4/7/2016	6.48	
6/14/2016	6.05	
8/9/2016	6.05	
10/10/2016	6.02	
12/2/2016	5.95	
2/9/2017	6.24	
4/7/2017	5.95	
6/22/2017	6.02	
10/10/2017	6	
3/22/2018	6.2	
10/3/2018	6.03	
3/27/2019	6.31	
9/13/2019	5.96	
3/19/2020	6.46	
9/11/2020	5.98	
4/2/2021	5.92	
8/12/2021	5.92	
2/14/2022	6.31	
8/31/2022	6.03	
10/25/2022	5.99	
11/16/2022	6.02	
2/28/2023	5.88	
8/3/2023	5.93	
3/4/2024	6.54	
8/8/2024	5.9	
11/7/2024	6.19	
2/26/2025		6.85

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-46	GWA-46
12/20/2010	5.54	
2/1/2011	5.55	
3/21/2011	5.61	
4/26/2011	5.6	
10/27/2011	5.77	
5/2/2012	5.72	
11/8/2012	5.83	
5/7/2013	5.94	
11/4/2013	5.94	
5/24/2014	5.45	
11/7/2014	5.92 (D)	
5/20/2015	5.8	
11/13/2015	5.78 (D)	
4/7/2016	6.83	
6/14/2016	5.82	
8/1/2016	5.78	
8/9/2016	5.78	
10/10/2016	5.78	
12/2/2016	5.71	
2/10/2017	5.79	
4/7/2017	5.93	
6/23/2017	5.77	
10/10/2017	5.81	
3/23/2018	5.89	
10/4/2018	5.86	
3/27/2019	5.95	
9/12/2019	5.83	
3/19/2020	5.93	
9/11/2020	6.02	
4/5/2021	5.92	
6/1/2021	5.8	
8/12/2021	5.71	
2/14/2022	5.85	
8/31/2022	5.8	
10/25/2022	5.88	
11/16/2022	5.88	
2/28/2023	5.91	
8/3/2023	5.84	
3/4/2024	5.94	
8/8/2024	5.77	
2/26/2025		5.92

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-47	GWA-47
12/20/2010	6.25	
2/1/2011	6.26	
3/23/2011	6.36	
4/27/2011	6.67	
10/26/2011	6.41	
5/1/2012	6.33	
11/8/2012	6.31	
5/7/2013	6.41	
11/5/2013	6.6	
5/23/2014	6.17	
11/7/2014	6.54 (D)	
5/21/2015	6.41	
11/12/2015	6.43 (D)	
4/7/2016	6.46	
4/8/2016	6.45	
6/14/2016	6.4	
8/9/2016	6.43	
10/11/2016	6.34	
12/5/2016	6.46	
2/10/2017	6.33	
4/7/2017	6.38	
6/22/2017	6.45	
10/10/2017	6.44	
3/22/2018	6.46	
10/5/2018	6.47	
3/27/2019	6.52	
9/12/2019	6.49	
3/19/2020	6.39	
3/20/2020	6.39	
9/11/2020	6.59	
4/5/2021	6.59	
6/1/2021	6.46	
8/13/2021	6.33	
2/14/2022	6.6	
8/31/2022	6.53	
10/25/2022	6.48	
11/16/2022	6.51	
2/28/2023	6.52	
8/3/2023	6.42	
3/4/2024	6.49	
8/8/2024	6.34	
2/26/2025		6.5

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-48	GWA-48
12/21/2010	6.91	
2/14/2011	6.73	
3/23/2011	6.88	
4/27/2011	6.63	
10/25/2011	6.87	
5/1/2012	6.76	
11/8/2012	6.72	
5/7/2013	6.79	
11/5/2013	7.11	
5/23/2014	6.6	
11/7/2014	6.91 (D)	
5/21/2015	6.77	
11/12/2015	6.81	
11/13/2015	6.81	
4/7/2016	6.74	
6/17/2016	6.78	
8/10/2016	6.73	
10/14/2016	6.7	
12/5/2016	6.71	
2/13/2017	6.56	
4/7/2017	6.62	
6/22/2017	6.76	
10/10/2017	6.7	
3/23/2018	6.92	
10/3/2018	6.81	
3/27/2019	6.86	
9/12/2019	6.78	
3/19/2020	6.73	
9/11/2020	6.76	
4/5/2021	6.78	
6/1/2021	6.78	
8/12/2021	6.86	
2/14/2022	6.93	
8/31/2022	6.91	
10/25/2022	6.81	
11/16/2022	6.83	
2/28/2023	6.87	
8/3/2023	6.84	
3/4/2024	6.86	
8/8/2024	6.72	
2/26/2025		6.85

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-49	GWA-49
12/21/2010	6.68	
2/14/2011	6.88	
3/21/2011	6.58	
4/26/2011	6.21	
10/26/2011	6.98	
5/2/2012	6.8	
11/8/2012	6.88	
5/8/2013	6.97	
11/5/2013	6.81	
5/23/2014	6.58	
11/7/2014	6.99 (D)	
5/21/2015	6.79	
11/12/2015	7 (D)	
4/7/2016	6.85	
6/14/2016	6.83	
8/9/2016	6.77	
10/11/2016	6.83	
12/2/2016	6.79	
2/9/2017	6.65	
4/7/2017	6.75	
6/22/2017	6.85	
10/10/2017	6.84	
3/22/2018	7	
10/3/2018	6.93	
3/27/2019	6.91	
9/12/2019	6.82	
3/19/2020	6.87	
9/10/2020	6.91	
4/6/2021	6.87	
8/12/2021	6.86	
2/14/2022	7.1	
8/30/2022	7.08	
10/25/2022	6.96	
11/16/2022	6.91	
3/1/2023	6.98	
8/3/2023	6.88	
3/4/2024	6.96	
8/9/2024	6.82	
2/26/2025		6.96

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-29
12/22/2010	5.62	
2/15/2011	5.89	
3/22/2011	5.61	
4/27/2011	5.53	
10/26/2011	5.91	
5/2/2012	5.95	
11/8/2012	5.72	
5/8/2013	6.12	
11/4/2013	5.62	
5/24/2014	5.62	
5/22/2015	5.8 (D)	
11/13/2015	5.87 (D)	
4/11/2016	5.84	
6/15/2016	5.82	
8/10/2016	5.82	
10/11/2016	5.78	
12/5/2016	5.72	
2/13/2017	5.81	
4/10/2017	5.75	
6/23/2017	5.78	
10/10/2017	5.82	
3/26/2018	5.91	
10/4/2018	5.83	
3/28/2019	5.95	
9/12/2019	5.98	
3/19/2020	5.97	
9/10/2020	6.09	
4/6/2021	6.3	
8/13/2021	6.18	
2/14/2022	6.29	
8/31/2022	6.21	
10/25/2022	6.21	
11/16/2022	6.14	
3/1/2023	6.11	
8/3/2023	5.94	
3/4/2024	6.52	
8/8/2024	6.14	
2/26/2025		6.54

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-50	GWC-50
12/22/2010	5.68	
2/15/2011	6.06	
3/22/2011	5.61	
4/27/2011	5.52	
10/26/2011	5.99	
5/2/2012	6	
11/8/2012	5.6	
5/8/2013	5.89	
11/4/2013	5.51	
5/24/2014	5.66	
11/8/2014	5.94 (D)	
5/22/2015	5.79 (D)	
11/13/2015	5.92 (D)	
4/11/2016	5.82	
6/15/2016	5.85	
8/10/2016	5.85	
10/11/2016	5.76	
12/2/2016	5.76	
2/13/2017	5.8	
4/7/2017	5.75	
6/22/2017	5.83	
10/10/2017	5.76	
3/23/2018	5.98	
10/4/2018	5.85	
3/28/2019	5.71	
9/13/2019	5.78	
3/19/2020	5.78	
9/10/2020	5.78	
4/6/2021	5.76	
8/13/2021	5.86	
2/14/2022	5.9	
8/31/2022	5.85	
10/25/2022	5.89	
11/16/2022	5.81	
3/1/2023	5.69	
5/2/2023	5.82	
8/3/2023	5.89	
3/4/2024	5.77	
8/8/2024	5.74	
2/26/2025		5.83

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-51	GWC-51
12/22/2010	5.67	
2/15/2011	5.98	
3/22/2011	5.74	
4/27/2011	5.67	
10/26/2011	6	
5/2/2012	5.96	
11/8/2012	5.78	
5/8/2013	5.64	
11/4/2013	6	
5/24/2014	5.71	
11/7/2014	5.95 (D)	
5/22/2015	5.84 (D)	
5/25/2015	8.36 (O)	
11/13/2015	5.82 (D)	
4/11/2016	5.88	
6/16/2016	5.85	
8/10/2016	5.83	
10/13/2016	5.84	
12/5/2016	5.81	
2/13/2017	5.76	
4/10/2017	5.78	
6/23/2017	5.82	
10/11/2017	5.83	
3/26/2018	5.98	
10/4/2018	5.85	
3/27/2019	5.94	
9/12/2019	5.86	
3/19/2020	5.9	
9/11/2020	5.84	
4/5/2021	5.99	
6/2/2021	5.87	
8/13/2021	5.92	
2/15/2022	6.02	
8/31/2022	5.91	
10/25/2022	5.94	
11/16/2022	5.87	
2/28/2023	5.86	
8/3/2023	5.86	
3/4/2024	5.85	
8/8/2024	5.91	
2/26/2025		6.23

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-52	GWC-52
12/21/2010	6.52	
2/15/2011	6.42	
3/21/2011	6.41	
4/28/2011	6.4	
10/26/2011	6.81	
5/1/2012	6.74	
11/9/2012	6.77	
5/8/2013	6.6	
11/4/2013	6.9	
5/24/2014	6.5	
11/7/2014	6.75 (D)	
5/22/2015	6.65 (D)	
5/25/2015	7.63 (O)	
11/13/2015	6.77 (D)	
4/11/2016	6.64	
6/16/2016	6.6	
8/11/2016	6.61	
10/13/2016	6.64	
12/5/2016	6.63	
2/13/2017	6.59	
4/11/2017	6.53	
6/26/2017	6.6	
10/11/2017	6.61	
3/26/2018	6.77	
10/4/2018	6.67	
3/28/2019	6.71	
9/12/2019	6.68	
3/19/2020	6.64	
9/11/2020	6.64	
4/5/2021	6.68	
6/2/2021	6.6	
8/17/2021	6.63	
2/14/2022	6.79	
8/31/2022	6.74	
10/25/2022	6.65	
11/16/2022	6.65	
3/1/2023	6.59	
8/3/2023	6.63	
3/4/2024	7.01	
8/8/2024	6.54	
2/26/2025		7.03

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-53	GWC-53
12/20/2010	5.63	
2/14/2011	5.61	
3/21/2011	5.71	
4/27/2011	5.71	
10/26/2011	5.66	
5/1/2012	5.58	
11/9/2012	5.53	
5/8/2013	6.14	
11/4/2013	5.54	
5/24/2014	5.37	
11/7/2014	5.67 (D)	
5/20/2015	5.49	
11/13/2015	5.52 (D)	
4/8/2016	5.63	
6/16/2016	5.56	
8/11/2016	5.56	
10/13/2016	5.61	
12/6/2016	5.48	
2/13/2017	5.57	
4/11/2017	5.52	
6/26/2017	5.56	
10/11/2017	5.51	
3/26/2018	5.78	
10/4/2018	5.56	
3/28/2019	5.67	
9/13/2019	5.55	
3/19/2020	5.65	
9/11/2020	5.69	
4/6/2021	5.67	
8/13/2021	5.47	
2/14/2022	5.65	
8/31/2022	5.59	
10/25/2022	5.64	
11/16/2022	5.65	
2/28/2023	5.66	
8/3/2023	5.56	
10/4/2023	5.63	
3/4/2024	5.9	
5/20/2024	5.61	
8/8/2024	5.58	
11/7/2024	5.73	
2/25/2025		5.68

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21	GWA-21
4/6/2016	0.813 (J)	
6/14/2016	1.1	
8/10/2016	0.9 (J)	
10/11/2016	0.99 (J)	
12/2/2016	0.99 (J)	
2/10/2017	1.4	
4/10/2017	1.6	
6/23/2017	1.8	
10/9/2017	2.5	
3/26/2018	2.3	
10/3/2018	1.9	
3/27/2019	0.81 (J)	
9/12/2019	1.3	
3/19/2020	0.92 (J)	
9/10/2020	1.3	
4/2/2021	0.99 (J)	
8/12/2021	1.8	
2/14/2022	1	
8/26/2022	2.7	
2/28/2023	2.7	
8/2/2023	1.4	
2/29/2024	2.8	
8/6/2024	1.7	
2/25/2025		2

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-22	GWA-22
4/8/2016	<1	
6/14/2016	0.14 (J)	
8/9/2016	<1	
10/11/2016	<1	
12/5/2016	<1	
2/10/2017	<1	
4/7/2017	<1	
6/26/2017	<1	
10/9/2017	<1	
3/26/2018	<1	
10/3/2018	<1	
3/27/2019	<1	
9/12/2019	0.38 (J)	
3/19/2020	<1	
9/10/2020	<1	
4/2/2021	<1	
8/12/2021	<1	
2/15/2022	0.87 (J)	
8/26/2022	<1	
2/28/2023	1.7	
8/3/2023	<1	
3/4/2024	<1	
8/8/2024	<1	
2/25/2025		<1

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-45	GWA-45
4/7/2016	107.095	
6/14/2016	160 (D)	
8/9/2016	130	
10/10/2016	140	
12/2/2016	150	
2/9/2017	150	
4/7/2017	140	
6/22/2017	160	
10/10/2017	160	
3/22/2018	150	
10/3/2018	140	
3/27/2019	140	
9/12/2019	170	
3/19/2020	150	
9/11/2020	170	
4/2/2021	180	
8/12/2021	180	
2/14/2022	130	
8/31/2022	170	
2/28/2023	170	
8/3/2023	170	
3/4/2024	160	
8/8/2024	300 (o)	
11/7/2024	160	
2/26/2025		150

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-46	GWA-46
4/7/2016	0.594 (J)	
6/14/2016	0.43 (J)	
8/9/2016	<1	
10/10/2016	<1	
12/2/2016	<1	
2/10/2017	<1	
4/7/2017	<1	
6/23/2017	<1	
10/10/2017	<1	
3/23/2018	<1	
10/4/2018	<1	
3/27/2019	0.52 (J)	
9/12/2019	0.61 (J)	
3/19/2020	0.39 (J)	
9/11/2020	0.99 (J)	
4/5/2021	<1	
8/12/2021	1	
2/14/2022	<1	
8/31/2022	1.1	
2/28/2023	1.7	
8/3/2023	0.49 (J)	
3/4/2024	0.64 (J)	
8/8/2024	<1	
2/26/2025		<1

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-47	GWA-47
4/8/2016	0.334 (J)	
6/14/2016	0.35 (J)	
8/9/2016	<1	
10/11/2016	<1	
12/5/2016	<1	
2/10/2017	<1	
4/7/2017	<1	
6/22/2017	<1	
10/10/2017	<1	
3/22/2018	<1	
10/5/2018	<1	
3/27/2019	<1	
9/12/2019	0.4 (J)	
3/20/2020	0.58 (J)	
9/11/2020	0.39 (J)	
4/5/2021	<1	
8/13/2021	<1	
2/14/2022	<1	
8/31/2022	1.1	
2/28/2023	1.6	
8/3/2023	<1	
3/4/2024	0.46 (J)	
8/8/2024	<1	
2/26/2025		<1

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-48	GWA-48
4/7/2016	1.522	
6/17/2016	1.1 (D)	
8/10/2016	1.1	
10/14/2016	0.89 (J)	
12/19/2016	1.2	
2/13/2017	1.4	
4/7/2017	1.2	
6/22/2017	1.1	
10/10/2017	0.92 (J)	
3/23/2018	1.3	
10/3/2018	1.2	
3/27/2019	1.6	
9/12/2019	1.2	
3/19/2020	1.5	
9/11/2020	1.3	
4/5/2021	1.3	
8/12/2021	1	
2/14/2022	1.2	
8/31/2022	1.6	
2/28/2023	2.5	
8/3/2023	0.94 (J)	
3/4/2024	1.4	
8/8/2024	0.66 (J)	
2/26/2025		<1

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-49	GWA-49
4/7/2016	0.507 (J)	
6/14/2016	0.55 (J)	
8/9/2016	<1	
10/11/2016	<1	
12/2/2016	<1	
2/9/2017	<1	
4/7/2017	<1	
6/22/2017	<1	
10/10/2017	<1	
3/22/2018	<1	
10/3/2018	<1	
3/27/2019	0.56 (J)	
9/12/2019	0.77 (J)	
3/19/2020	0.56 (J)	
9/10/2020	0.42 (J)	
4/6/2021	<1	
8/12/2021	<1	
2/14/2022	0.85 (J)	
8/30/2022	0.76 (J)	
3/1/2023	1.2	
8/3/2023	0.46 (J)	
3/4/2024	0.66 (J)	
8/9/2024	<1	
2/26/2025		0.47 (J)

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-29
4/11/2016	2.15	
6/15/2016	2.5	
8/10/2016	2.5	
10/11/2016	2.7	
12/5/2016	2.6	
2/13/2017	2.4	
4/10/2017	2.3	
6/23/2017	2.5	
10/10/2017	2.5	
3/26/2018	2.4	
10/4/2018	2.8	
3/28/2019	3.2	
9/12/2019	3.2	
3/19/2020	3.2	
9/10/2020	2.7	
4/6/2021	2.5	
8/13/2021	2.7	
2/14/2022	2.9	
8/31/2022	2.8	
3/1/2023	2.4	
8/3/2023	1.7	
3/4/2024	2.1	
8/8/2024	1.7	
2/26/2025		2

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-50	GWC-50
4/11/2016	<1	
6/15/2016	0.18 (J)	
8/10/2016	<1	
10/11/2016	<1	
12/2/2016	<1	
2/13/2017	<1	
4/7/2017	<1	
6/22/2017	<1	
10/10/2017	<1	
3/23/2018	<1	
10/4/2018	<1	
3/28/2019	0.38 (J)	
9/12/2019	<1	
3/19/2020	<1	
9/10/2020	<1	
4/6/2021	<1	
8/13/2021	<1	
2/14/2022	<1	
8/31/2022	0.88 (J)	
3/1/2023	170 (o)	
8/3/2023	<1	
3/4/2024	<1	
8/8/2024	<1	
2/26/2025		<1

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-51	GWC-51
4/11/2016	0.415 (J)	
6/16/2016	0.5 (J)	
8/10/2016	<1	
10/13/2016	<1	
12/5/2016	<1	
2/13/2017	<1	
4/10/2017	<1	
6/23/2017	<1	
10/11/2017	<1	
3/26/2018	<1	
10/4/2018	<1	
3/27/2019	2.7	
9/12/2019	0.65 (J)	
3/19/2020	0.71 (J)	
9/11/2020	2.6	
4/5/2021	1.7	
8/13/2021	1.4	
2/15/2022	1.8	
8/31/2022	2.4	
2/28/2023	3.2	
8/3/2023	2.2	
3/4/2024	2.9	
8/8/2024	2.8	
2/26/2025		4.1

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-52	GWC-52
4/11/2016	<1	
6/16/2016	10	
8/11/2016	9.8 (F1)	
10/13/2016	11	
12/5/2016	13	
2/13/2017	14	
4/11/2017	12	
6/24/2017	12	
10/11/2017	13	
3/26/2018	20	
10/4/2018	23	
3/28/2019		29
9/12/2019		34
3/19/2020		40
9/11/2020		39
4/5/2021		57 (F1)
8/17/2021		54
2/14/2022		56
8/31/2022		65
3/1/2023		70
8/3/2023		74
3/4/2024		90
8/8/2024		41
2/26/2025		94

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-53	GWC-53
4/8/2016	135.355	
6/16/2016	140	
8/11/2016	130	
10/13/2016	140	
12/6/2016	150	
2/13/2017	160	
4/11/2017	130	
6/24/2017	160	
10/11/2017	160	
3/26/2018	160	
10/4/2018	170	
3/28/2019	170	
9/12/2019	170	
3/19/2020	170	
9/11/2020	160	
4/6/2021	160	
8/13/2021	170	
2/14/2022	150	
8/31/2022	170	
2/28/2023	170	
8/3/2023	170	
3/4/2024	180	
8/8/2024	340 (o)	
11/7/2024	180	
2/25/2025		190

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21	GWA-21
4/6/2016	51	
6/14/2016	62	
8/10/2016	70	
10/11/2016	84	
12/2/2016	74	
2/10/2017	100	
4/10/2017	82	
6/23/2017	72	
10/9/2017	82	
3/26/2018	94	
10/3/2018	72	
3/27/2019	98	
9/12/2019	130	
3/19/2020	100	
9/10/2020	110	
4/2/2021	100	
8/12/2021	98	
2/14/2022	100	
8/26/2022	110	
2/28/2023	98	
8/2/2023	98	
2/29/2024	92	
8/6/2024	87	
2/25/2025		90

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-22	GWA-22
4/8/2016	74	
6/14/2016	111	
8/9/2016	44	
10/11/2016	64	
12/5/2016	52	
2/10/2017	86	
4/7/2017	68	
6/26/2017	76	
10/9/2017	50	
3/26/2018	56	
10/3/2018	42	
3/27/2019	76	
9/12/2019	72	
3/19/2020	65	
9/10/2020	56	
4/2/2021	69	
8/12/2021	68	
2/15/2022	85	
8/26/2022	83	
2/28/2023	99	
8/3/2023	77	
3/4/2024	96	
8/8/2024	73	
2/25/2025		98

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-45	GWA-45
4/7/2016	237	
6/14/2016	240	
8/9/2016	230	
10/10/2016	240	
12/2/2016	270	
2/9/2017	240	
4/7/2017	260	
6/22/2017	300	
10/10/2017	280	
3/22/2018	310	
10/3/2018	190	
3/27/2019	290	
9/12/2019	340	
3/19/2020	310	
9/11/2020	340	
4/2/2021	360	
8/12/2021	330	
2/14/2022	290	
11/16/2022	300	
2/28/2023	320	
8/3/2023	310	
3/4/2024	310	
8/8/2024	290	
2/26/2025		280

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-46	GWA-46
4/7/2016	69	
6/14/2016	<25	
8/9/2016	40	
10/10/2016	34	
12/2/2016	50	
2/10/2017	60	
4/7/2017	70	
6/23/2017	42	
10/10/2017	34	
3/23/2018	52	
10/4/2018	48	
3/27/2019	66	
9/12/2019	97	
3/19/2020	51	
9/11/2020	51	
4/5/2021	46	
8/12/2021	55	
2/14/2022	68	
11/16/2022	55	
2/28/2023	64	
8/3/2023	63	
3/4/2024	66	
8/8/2024	67	
2/26/2025		68

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-47	GWA-47
4/8/2016	89	
6/14/2016	55	
8/9/2016	90	
10/11/2016	86	
12/5/2016	74	
2/10/2017	100	
4/7/2017	92	
6/22/2017	64	
10/10/2017	68	
3/22/2018	92	
10/5/2018	90	
3/27/2019	94	
9/12/2019	88	
3/20/2020	99	
9/11/2020	110	
4/5/2021	63	
8/13/2021	110	
2/14/2022	94	
11/16/2022	94	
2/28/2023	120	
8/3/2023	100	
3/4/2024	99	
8/8/2024	100	
2/26/2025		100

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-48	GWA-48
4/7/2016	100	
6/17/2016	69	
8/10/2016	110	
10/14/2016	100	
12/19/2016	100	
2/13/2017	80	
4/7/2017	86	
6/22/2017	72	
10/10/2017	70	
3/23/2018	86	
10/3/2018	88	
3/27/2019	100	
9/12/2019	110	
3/19/2020	97	
9/11/2020	120	
4/5/2021	99	
8/12/2021	100	
2/14/2022	100	
11/16/2022	100	
2/28/2023	110	
8/3/2023	100	
3/4/2024	100	
8/8/2024	94	
2/26/2025		100

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-49	GWA-49
4/7/2016	114	
6/14/2016	56 (O)	
8/9/2016	100	
10/11/2016	110	
12/2/2016	94	
2/9/2017	100	
4/7/2017	100	
6/22/2017	110	
10/10/2017	100	
3/22/2018	100	
10/3/2018	96	
3/27/2019	120	
9/12/2019	120	
3/19/2020	110	
9/10/2020	130	
4/6/2021	110	
8/12/2021	120	
2/14/2022	110	
11/16/2022	110	
3/1/2023	120	
8/3/2023	130	
3/4/2024	110	
8/9/2024	110	
2/26/2025		110

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-29	GWC-29
4/11/2016	88	
6/15/2016	114	
8/10/2016	82	
10/11/2016	92	
12/5/2016	86	
2/13/2017	62	
4/10/2017	60	
6/23/2017	74	
10/10/2017	86	
3/26/2018	58	
10/4/2018	130	
3/28/2019	88	
9/12/2019	110	
3/19/2020	110	
9/10/2020	120	
4/6/2021	110	
8/13/2021	120	
2/14/2022	120	
11/16/2022	110	
3/1/2023	130	
8/3/2023	120	
3/4/2024	110	
8/8/2024	110	
2/26/2025		110

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-50	GWC-50
4/11/2016	79	
6/15/2016	79	
8/10/2016	72	
10/11/2016	76	
12/2/2016	60	
2/13/2017	58	
4/7/2017	68	
6/22/2017	16	
10/10/2017	44	
3/23/2018	96	
10/4/2018	110	
3/28/2019	65	
9/12/2019	89	
3/19/2020	64	
9/10/2020	82	
4/6/2021	49	
8/13/2021	72	
2/14/2022	79	
11/16/2022	76	
3/1/2023	290 (o)	
8/3/2023	77	
3/4/2024	68	
8/8/2024	76	
2/26/2025		77

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-51	GWC-51
4/11/2016	88	
6/16/2016	74	
8/10/2016	66	
10/13/2016	72	
12/5/2016	70	
2/13/2017	12 (O)	
4/10/2017	80	
6/23/2017	66	
10/11/2017	56	
3/26/2018	72	
10/4/2018	96	
3/27/2019	76	
9/12/2019	110	
3/19/2020	66	
9/11/2020	87	
4/5/2021	66	
8/13/2021	92	
2/15/2022	67	
11/16/2022	89	
2/28/2023	84	
8/3/2023	82	
3/4/2024	86	
8/8/2024	84	
2/26/2025		88

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-52	GWC-52
4/11/2016	103	
6/16/2016	117	
8/11/2016	94	
10/13/2016	110	
12/5/2016	130	
2/13/2017	92	
4/11/2017	120	
6/24/2017	120	
10/11/2017	120	
3/26/2018	98	
10/4/2018	190	
3/28/2019	140	
9/12/2019	160	
3/19/2020	160	
9/11/2020	170	
4/5/2021	170	
8/17/2021	180	
2/14/2022	150	
11/16/2022	180	
3/1/2023	190	
8/3/2023	200	
3/4/2024	200	
8/8/2024	210	
2/26/2025		220

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 4/24/2025 9:58 AM View: Appendix III

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-53	GWC-53
4/8/2016	237	
6/16/2016	231	
8/11/2016	190	
10/13/2016	230	
12/6/2016	260	
2/13/2017	230	
4/11/2017	210	
6/24/2017	250	
10/11/2017	280	
3/26/2018	240	
10/4/2018	320	
3/28/2019	280	
9/12/2019	300	
3/19/2020	270	
9/11/2020	290	
4/6/2021	250	
8/13/2021	290	
2/14/2022	280	
11/16/2022	270	
2/28/2023	280	
8/3/2023	290	
3/4/2024	310	
8/8/2024	290	
2/25/2025		310

FIGURE I.

Appendix III Interwell Prediction Limits - Two-Step - Significant Result

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 4/24/2025, 10:22 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Sulfate (mg/L)	**GWC-53**	**180**	**n/a**	**2/25/2025**	**190**	**Yes**	**168**	**n/a**	**n/a**	**36.9**	**n/a**	**n/a**	**0.00007019**	**NP Inter (normality) 1 of 2**

Appendix III Interwell Prediction Limits - Two-Step - All Results

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 4/24/2025, 10:21 AM

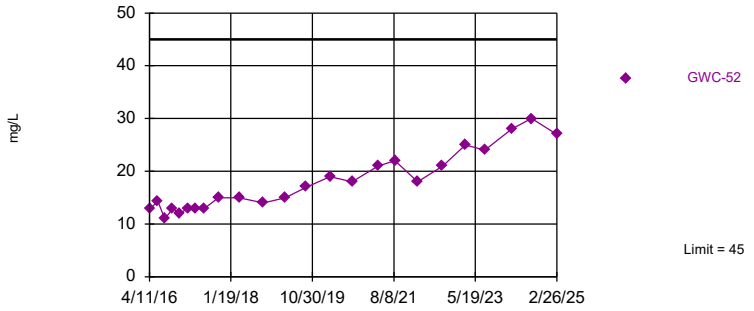
Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Calcium (mg/L)	GWC-52	45	n/a	2/26/2025	27	No	168	n/a	n/a	0	n/a	n/a	0.00007019	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-51	14	n/a	2/26/2025	8.7	No	167	n/a	n/a	0	n/a	n/a	0.00007098	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-52	14	n/a	2/26/2025	8.6	No	167	n/a	n/a	0	n/a	n/a	0.00007098	NP Inter (normality) 1 of 2
pH, Field (SU)	GWC-29	7.11	5.45	2/26/2025	6.54	No	278	n/a	n/a	0	n/a	n/a	0.0000984	NP Inter (normality) 1 of 2
pH, Field (SU)	GWC-51	7.11	5.45	2/26/2025	6.23	No	278	n/a	n/a	0	n/a	n/a	0.0000984	NP Inter (normality) 1 of 2
pH, Field (SU)	GWC-52	7.11	5.45	2/26/2025	7.03	No	278	n/a	n/a	0	n/a	n/a	0.0000984	NP Inter (normality) 1 of 2
Sulfate (mg/L)	GWC-51	180	n/a	2/26/2025	4.1	No	168	n/a	n/a	36.9	n/a	n/a	0.00007019	NP Inter (normality) 1 of 2
Sulfate (mg/L)	GWC-52	180	n/a	2/26/2025	94	No	168	n/a	n/a	36.9	n/a	n/a	0.00007019	NP Inter (normality) 1 of 2
Sulfate (mg/L)	**GWC-53**	**180**	**n/a**	**2/25/2025**	**190**	**Yes**	**168**	**n/a**	**n/a**	**36.9**	**n/a**	**n/a**	**0.00007019**	**NP Inter (normality) 1 of 2**

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Within Limit

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 168 background values. Annual per-constituent alpha = 0.0007017. Individual comparison alpha = 0.00007019 (1 of 2). Assumes 4 future values.

Constituent: Calcium Analysis Run 4/24/2025 9:59 AM View: Appendix III - Two Step

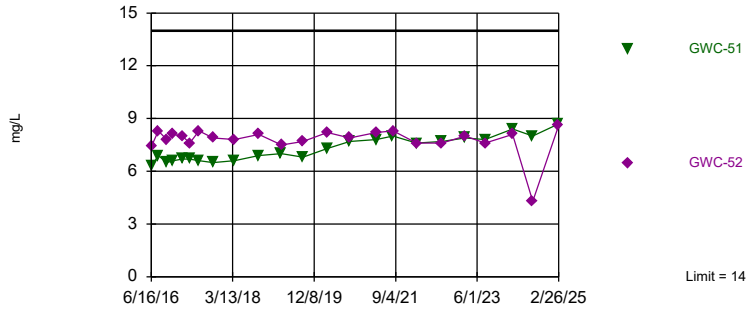
Plant Scherer Client: Southern Company Data: Scherer PAC

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Within Limit

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 167 background values. Annual per-constituent alpha = 0.0007096. Individual comparison alpha = 0.00007098 (1 of 2). Comparing 2 points to limit. Assumes 3 future values.

Constituent: Chloride Analysis Run 4/24/2025 9:59 AM View: Appendix III - Two Step

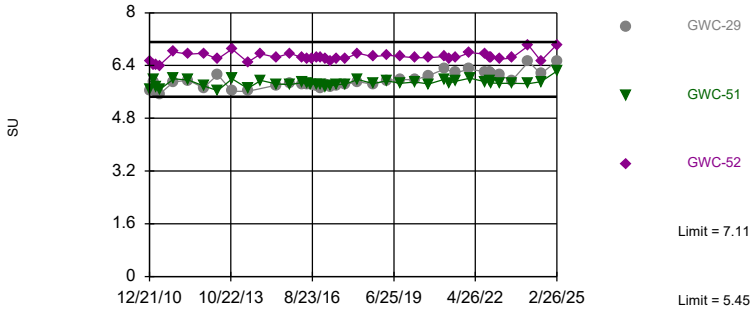
Plant Scherer Client: Southern Company Data: Scherer PAC

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Within Limits

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 278 background values. Annual per-constituent alpha = 0.0009838. Individual comparison alpha = 0.0000984 (1 of 2). Comparing 3 points to limit. Assumes 2 future values.

Constituent: pH, Field Analysis Run 4/24/2025 9:59 AM View: Appendix III - Two Step

Plant Scherer Client: Southern Company Data: Scherer PAC

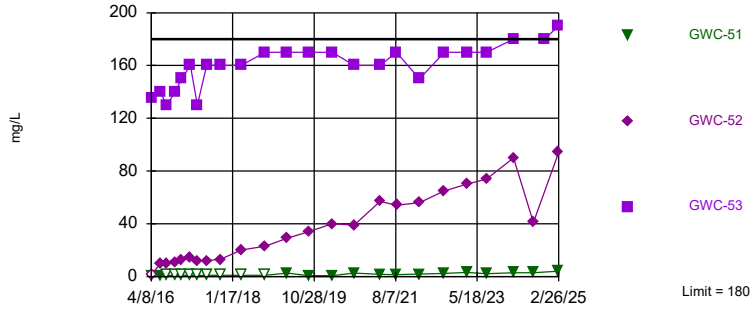
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Hollow symbols indicate censored values.

Exceeds Limit: GWC-53

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 168 background values. 36.9% NDs. Annual per-constituent alpha = 0.0007017. Individual comparison alpha = 0.00007019 (1 of 2). Comparing 3 points to limit. Assumes 2 future values.

Constituent: Sulfate Analysis Run 4/24/2025 9:59 AM View: Appendix III - Two Step

Plant Scherer Client: Southern Company Data: Scherer PAC

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/24/2025 10:01 AM View: Appendix III - Two Step

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-46 (bg)	GWA-45 (bg)	GWA-49 (bg)	GWA-48 (bg)	GWA-47 (bg)	GWA-22 (bg)	GWC-52
4/6/2016	9.27							
4/7/2016		6.57	38.4	15.3	12.6			
4/8/2016						10.7	8.6	
4/11/2016								12.8
6/14/2016	8.2	5.5	32.9	14.2		11.3	6.8	
6/16/2016								14.3
6/17/2016					12.4			
8/9/2016		4.6	29	13		9.6	6.2	
8/10/2016	6.9				11			
8/11/2016								11
10/10/2016		5.3	33					
10/11/2016	7.6			14		11	6.2	
10/13/2016								13
10/14/2016					13			
12/2/2016	7.4	5.1	33	13				
12/5/2016						10	5.5	12
12/19/2016					11			
2/9/2017			42	14				
2/10/2017	11	5.8				11	7.8	
2/13/2017					13			13
4/7/2017		5.2	35	14	12	10	7.3	
4/10/2017	9.7							
4/11/2017								13
6/22/2017			38	14	13	11		
6/23/2017	9.2	5.7						
6/24/2017								13
6/26/2017							6.8	
10/9/2017	9.4						5.8	
10/10/2017		5.8	40	15	13	11		
10/11/2017								15 (B)
3/22/2018			39	14		11		
3/23/2018		6.6			13			
3/26/2018	9.3						8.7	15
10/3/2018	7.8		41	14	12		6.1	
10/4/2018		5.4						14
10/5/2018						11		
3/27/2019	9.5	6.1	39	15	13	11	7.1	
3/28/2019								15
9/12/2019	8.8	5.7	36	14	13	12	6.1	17
3/19/2020	11	6.7	45	15	14		9.7	19
3/20/2020						12		
9/10/2020	8.2			14			5.9	
9/11/2020		5.5	30		12	11		18
4/2/2021	9.2		29				9	
4/5/2021		7			13	13		21
4/6/2021				16				
8/12/2021	7.2	6.1	26	14	12		6	
8/13/2021						11		
8/17/2021								22
2/14/2022	8	5.9	26	13	11	11		18
2/15/2022							9.6	
8/26/2022	6.8						7.8	

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/24/2025 10:01 AM View: Appendix III - Two Step

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-46 (bg)	GWA-45 (bg)	GWA-49 (bg)	GWA-48 (bg)	GWA-47 (bg)	GWA-22 (bg)	GWC-52
8/30/2022				14				
8/31/2022		5.7	23		12	12		21
2/28/2023	8.1	6.6	23		13	13	11	
3/1/2023				15				25
8/2/2023	6.4							
8/3/2023		6.4	23	15	12	13	9.6	24
2/29/2024	6.7							
3/4/2024		6.8	25	14	13	15	11	28
8/6/2024	6							
8/8/2024		6.9	20		13	17	7.8	30
8/9/2024				16				
2/25/2025	5.8						11	
2/26/2025		6.1	26	14	12	14		27

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/24/2025 10:01 AM View: Appendix III - Two Step

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-48 (bg)	GWA-46 (bg)	GWA-49 (bg)	GWA-45 (bg)	GWA-22 (bg)	GWA-47 (bg)	GWC-51	GWC-52
4/6/2016	3.034								
4/7/2016		1.842	2.914	2.285	8.05				
4/8/2016						2.1	1.57		
4/11/2016								2.09 (O)	<0.25 (O)
6/14/2016	3.1		3.1	2.3	9.3 (D)	4.2	1.7		
6/16/2016								6.3	7.4
6/17/2016		1.9 (BD)							
8/9/2016			3.2	2.3	10	5	1.5		
8/10/2016	2.7	1.8						6.9	
8/11/2016									8.3
10/10/2016			3		10				
10/11/2016	2.7			2.1		3.8	1.6		
10/13/2016								6.5	7.8
10/14/2016		1.7							
12/2/2016	2.5		3	2	10				
12/5/2016						3.6	1.5	6.6	8.1
12/19/2016		2.7 (O)							
2/9/2017				2.1	9.4				
2/10/2017	3.4		2.7			2.2	1.5		
2/13/2017		1.8						6.7	8
4/7/2017		1.7	2.9	2	9.9	2.2	1.4		
4/10/2017	3.6							6.7	
4/11/2017									7.6
6/22/2017		1.7		2	9.7		1.4		
6/23/2017	3.2		3.3					6.6	
6/24/2017									8.3
6/26/2017						3.4			
10/9/2017	3.5					3.4			
10/10/2017		1.6	3.5	2	9.8		1.4		
10/11/2017								6.5	7.9
3/22/2018				1.9	9.7		1.3		
3/23/2018		1.6	3.6						
3/26/2018	3.8					1.9		6.6	7.8
10/3/2018	4	1.6		2	10	2.9			
10/4/2018			3.9					6.9	8.1
10/5/2018							1.4		
3/27/2019	2.9	1.5	3.7	1.9	9.6	2	1.2	7	
3/28/2019									7.5
9/12/2019	3.4	1.7	4.3	1.9	10	2.5	1.4	6.8	7.7
3/19/2020	3.9	1.9	4.5	2.2	9.9	2.2		7.3	8.2
3/20/2020							1.7 (F1)		
9/10/2020	3.7			2.1		2.5			
9/11/2020		1.8	4.7		12		1.6	7.7	7.9
4/2/2021	3.7				13	1.8			
4/5/2021		2	5.3				1.8	7.8	8.2
4/6/2021				2.1					
8/12/2021	4.1	1.8	5.5	2.2	13	2.7			
8/13/2021							1.8	8	
8/17/2021									8.3
2/14/2022	4	1.8	5	2	10		1.5		7.6
2/15/2022						1.8		7.6	
8/26/2022	3.6					2			

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/24/2025 10:01 AM View: Appendix III - Two Step

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-48 (bg)	GWA-46 (bg)	GWA-49 (bg)	GWA-45 (bg)	GWA-22 (bg)	GWA-47 (bg)	GWC-51	GWC-52
8/30/2022				2.2					
8/31/2022		1.6	5.1		13		1.5	7.7	7.6
2/28/2023	3.6	1.8	5.2		13	1.8	1.7	7.9	
3/1/2023				2.1					8
8/2/2023	3.4								
8/3/2023		1.7	5.2	1.9	13	1.8	1.6	7.8	7.6
2/29/2024	3.7								
3/4/2024		1.8	5.4	2	14	1.8	1.8	8.4	8.1
8/6/2024	3.2								
8/8/2024		1.8	5.5		27 (o)	1.9	1.7	8	4.3 (J)
8/9/2024				2					
11/7/2024					13				
2/25/2025	3					1.8			
2/26/2025		2	5.8	2.1	12		1.8	8.7	8.6

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 4/24/2025 10:01 AM View: Appendix III - Two Step

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-47 (bg)	GWA-46 (bg)	GWA-45 (bg)	GWA-49 (bg)	GWA-48 (bg)	GWC-52	GWA-21 (bg)	GWC-29	GWA-22 (bg)
12/20/2010	6.25	5.54	6.21						
12/21/2010				6.68	6.91	6.52			
12/22/2010							5.72	5.62	5.97
2/1/2011	6.26	5.55							
2/14/2011			6.17	6.88	6.73		6.01		6.37
2/15/2011						6.42		5.89	
3/21/2011		5.61	6.14	6.58		6.41			
3/22/2011							5.65	5.61	5.83
3/23/2011	6.36				6.88				
4/26/2011		5.6	5.91	6.21			5.67		5.87
4/27/2011	6.67				6.63			5.53	
4/28/2011						6.4			
10/25/2011					6.87				
10/26/2011	6.41		6.39	6.98		6.81		5.91	
10/27/2011		5.77					5.95		6.14
5/1/2012	6.33		6.32		6.76	6.74	5.88		6.2
5/2/2012		5.72		6.8				5.95	
11/8/2012	6.31	5.83	6.08	6.88	6.72		5.82	5.72	5.77
11/9/2012						6.77			
5/7/2013	6.41	5.94			6.79		5.48		5.94
5/8/2013			6.34	6.97		6.6		6.12	
11/4/2013		5.94	6.36			6.9	5.97	5.62	5.87
11/5/2013	6.6			6.81	7.11				
5/23/2014	6.17			6.58	6.6				
5/24/2014		5.45	5.94			6.5	5.52	5.62	5.83
11/7/2014	6.54 (D)	5.92 (D)	6.26 (D)	6.99 (D)	6.91 (D)	6.75 (D)			
11/8/2014							5.89 (D)		5.92 (D)
5/20/2015		5.8	6						
5/21/2015	6.41			6.79	6.77		5.64		5.97 (D)
5/22/2015						6.65 (D)		5.8 (D)	
5/25/2015						7.63 (O)			
11/12/2015	6.43 (D)			7 (D)	6.81				
11/13/2015		5.78 (D)	6.02 (D)		6.81	6.77 (D)	5.65 (D)	5.87 (D)	5.8 (D)
4/6/2016							6		
4/7/2016	6.46	6.83	6.48	6.85	6.74				
4/8/2016	6.45								6.12
4/11/2016						6.64		5.84	
6/14/2016	6.4	5.82	6.05	6.83			5.75		5.84
6/15/2016								5.82	
6/16/2016						6.6			
6/17/2016					6.78				
8/1/2016		5.78							
8/9/2016	6.43	5.78	6.05	6.77					5.75
8/10/2016					6.73		5.75	5.82	
8/11/2016						6.61			
10/10/2016		5.78	6.02						
10/11/2016	6.34			6.83			5.8	5.78	5.84
10/13/2016						6.64			
10/14/2016					6.7				
12/2/2016		5.71	5.95	6.79			5.78		
12/5/2016	6.46				6.71	6.63		5.72	5.7
2/9/2017			6.24	6.65					

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 4/24/2025 10:01 AM View: Appendix III - Two Step

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-47 (bg)	GWA-46 (bg)	GWA-45 (bg)	GWA-49 (bg)	GWA-48 (bg)	GWC-52	GWA-21 (bg)	GWC-29	GWA-22 (bg)
2/10/2017	6.33	5.79					5.83		6.17
2/13/2017					6.56	6.59		5.81	
4/7/2017	6.38	5.93	5.95	6.75	6.62				5.99
4/10/2017							5.74	5.75	
4/11/2017						6.53			
6/22/2017	6.45		6.02	6.85	6.76				
6/23/2017		5.77					5.83	5.78	
6/26/2017						6.6	5.83		5.87
10/9/2017							5.61		5.52
10/10/2017	6.44	5.81	6	6.84	6.7			5.82	
10/11/2017						6.61			
3/22/2018	6.46		6.2	7					
3/23/2018		5.89			6.92				
3/26/2018						6.77	5.76	5.91	6.06
10/3/2018			6.03	6.93	6.81		5.78		5.83
10/4/2018		5.86				6.67		5.83	
10/5/2018	6.47								
3/27/2019	6.52	5.95	6.31	6.91	6.86		5.97		6.04
3/28/2019						6.71		5.95	
9/12/2019	6.49	5.83		6.82	6.78	6.68	5.83	5.98	5.87
9/13/2019			5.96						
3/19/2020	6.39	5.93	6.46	6.87	6.73	6.64	5.81	5.97	6.14
3/20/2020	6.39								
9/10/2020				6.91			5.83	6.09	5.78
9/11/2020	6.59	6.02	5.98		6.76	6.64			
4/2/2021			5.92				6.06		6.03
4/5/2021	6.59	5.92			6.78	6.68			
4/6/2021				6.87				6.3	
6/1/2021	6.46	5.8			6.78				
6/2/2021						6.6			
8/12/2021		5.71	5.92	6.86	6.86		5.88		5.91
8/13/2021	6.33							6.18	
8/17/2021						6.63			
2/14/2022	6.6	5.85	6.31	7.1	6.93	6.79	5.99	6.29	
2/15/2022									6.4
8/26/2022							5.73		5.86
8/30/2022				7.08					
8/31/2022	6.53	5.8	6.03		6.91	6.74		6.21	
10/25/2022	6.48	5.88	5.99	6.96	6.81	6.65		6.21	
11/16/2022	6.51	5.88	6.02	6.91	6.83	6.65		6.14	
2/28/2023	6.52	5.91	5.88		6.87		5.81		6.21
3/1/2023				6.98		6.59		6.11	
8/2/2023							5.86		
8/3/2023	6.42	5.84	5.93	6.88	6.84	6.63		5.94	6.03
2/29/2024							5.8		
3/4/2024	6.49	5.94	6.54	6.96	6.86	7.01		6.52	6.41
8/6/2024							5.76		
8/8/2024	6.34	5.77	5.9		6.72	6.54		6.14	5.93
8/9/2024				6.82					
11/7/2024			6.19						
2/25/2025							6.07		6.66
2/26/2025	6.5	5.92	6.85	6.96	6.85	7.03		6.54	

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 4/24/2025 10:01 AM View: Appendix III - Two Step

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-51
12/20/2010	
12/21/2010	
12/22/2010	5.67
2/1/2011	
2/14/2011	
2/15/2011	5.98
3/21/2011	
3/22/2011	5.74
3/23/2011	
4/26/2011	
4/27/2011	5.67
4/28/2011	
10/25/2011	
10/26/2011	6
10/27/2011	
5/1/2012	
5/2/2012	5.96
11/8/2012	5.78
11/9/2012	
5/7/2013	
5/8/2013	5.64
11/4/2013	6
11/5/2013	
5/23/2014	
5/24/2014	5.71
11/7/2014	5.95 (D)
11/8/2014	
5/20/2015	
5/21/2015	
5/22/2015	5.84 (D)
5/25/2015	8.36 (O)
11/12/2015	
11/13/2015	5.82 (D)
4/6/2016	
4/7/2016	
4/8/2016	
4/11/2016	5.88
6/14/2016	
6/15/2016	
6/16/2016	5.85
6/17/2016	
8/1/2016	
8/9/2016	
8/10/2016	5.83
8/11/2016	
10/10/2016	
10/11/2016	
10/13/2016	5.84
10/14/2016	
12/2/2016	
12/5/2016	5.81
2/9/2017	

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 4/24/2025 10:01 AM View: Appendix III - Two Step

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-51
2/10/2017	
2/13/2017	5.76
4/7/2017	
4/10/2017	5.78
4/11/2017	
6/22/2017	
6/23/2017	5.82
6/26/2017	
10/9/2017	
10/10/2017	
10/11/2017	5.83
3/22/2018	
3/23/2018	
3/26/2018	5.98
10/3/2018	
10/4/2018	5.85
10/5/2018	
3/27/2019	5.94
3/28/2019	
9/12/2019	5.86
9/13/2019	
3/19/2020	5.9
3/20/2020	
9/10/2020	
9/11/2020	5.84
4/2/2021	
4/5/2021	5.99
4/6/2021	
6/1/2021	
6/2/2021	5.87
8/12/2021	
8/13/2021	5.92
8/17/2021	
2/14/2022	
2/15/2022	6.02
8/26/2022	
8/30/2022	
8/31/2022	5.91
10/25/2022	5.94
11/16/2022	5.87
2/28/2023	5.86
3/1/2023	
8/2/2023	
8/3/2023	5.86
2/29/2024	
3/4/2024	5.85
8/6/2024	
8/8/2024	5.91
8/9/2024	
11/7/2024	
2/25/2025	
2/26/2025	6.23

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/24/2025 10:01 AM View: Appendix III - Two Step

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-48 (bg)	GWA-46 (bg)	GWA-45 (bg)	GWA-49 (bg)	GWA-22 (bg)	GWC-53	GWA-47 (bg)	GWC-51
4/6/2016	0.813 (J)								
4/7/2016		1.522	0.594 (J)	107.095	0.507 (J)				
4/8/2016						<1	135.355	0.334 (J)	
4/11/2016									0.415 (J)
6/14/2016	1.1		0.43 (J)	160 (D)	0.55 (J)	0.14 (J)		0.35 (J)	
6/16/2016							140		0.5 (J)
6/17/2016		1.1 (D)							
8/9/2016			<1	130	<1	<1		<1	
8/10/2016	0.9 (J)	1.1							<1
8/11/2016							130		
10/10/2016			<1	140					
10/11/2016	0.99 (J)				<1	<1		<1	
10/13/2016							140		<1
10/14/2016		0.89 (J)							
12/2/2016	0.99 (J)		<1	150	<1				
12/5/2016						<1		<1	<1
12/6/2016							150		
12/19/2016		1.2							
2/9/2017				150	<1				
2/10/2017	1.4		<1			<1		<1	
2/13/2017		1.4					160		<1
4/7/2017		1.2	<1	140	<1	<1		<1	
4/10/2017	1.6								<1
4/11/2017							130		
6/22/2017		1.1		160	<1			<1	
6/23/2017	1.8		<1						<1
6/24/2017							160		
6/26/2017						<1			
10/9/2017	2.5					<1			
10/10/2017		0.92 (J)	<1	160	<1			<1	
10/11/2017							160		<1
3/22/2018				150	<1			<1	
3/23/2018		1.3	<1						
3/26/2018	2.3					<1	160		<1
10/3/2018	1.9	1.2		140	<1	<1			
10/4/2018			<1				170		<1
10/5/2018								<1	
3/27/2019	0.81 (J)	1.6	0.52 (J)	140	0.56 (J)	<1		<1	2.7
3/28/2019							170		
9/12/2019	1.3	1.2	0.61 (J)	170	0.77 (J)	0.38 (J)	170	0.4 (J)	0.65 (J)
3/19/2020	0.92 (J)	1.5	0.39 (J)	150	0.56 (J)	<1	170		0.71 (J)
3/20/2020								0.58 (J)	
9/10/2020	1.3				0.42 (J)	<1			
9/11/2020		1.3	0.99 (J)	170			160	0.39 (J)	2.6
4/2/2021	0.99 (J)			180		<1			
4/5/2021		1.3	<1					<1	1.7
4/6/2021					<1		160		
8/12/2021	1.8	1	1	180	<1	<1			
8/13/2021							170	<1	1.4
8/17/2021									
2/14/2022	1	1.2	<1	130	0.85 (J)		150	<1	
2/15/2022						0.87 (J)			1.8

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/24/2025 10:01 AM View: Appendix III - Two Step

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWA-21 (bg)	GWA-48 (bg)	GWA-46 (bg)	GWA-45 (bg)	GWA-49 (bg)	GWA-22 (bg)	GWC-53	GWA-47 (bg)	GWC-51
8/26/2022	2.7					<1			
8/30/2022					0.76 (J)				
8/31/2022		1.6	1.1	170			170	1.1	2.4
2/28/2023	2.7	2.5	1.7	170		1.7	170	1.6	3.2
3/1/2023					1.2				
8/2/2023	1.4								
8/3/2023		0.94 (J)	0.49 (J)	170	0.46 (J)	<1	170	<1	2.2
2/29/2024	2.8								
3/4/2024		1.4	0.64 (J)	160	0.66 (J)	<1	180	0.46 (J)	2.9
8/6/2024	1.7								
8/8/2024		0.66 (J)	<1	300 (o)		<1	340 (o)	<1	2.8
8/9/2024					<1				
11/7/2024				160			180		
2/25/2025	2					<1	190		
2/26/2025		<1	<1	150	0.47 (J)			<1	4.1

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/24/2025 10:01 AM View: Appendix III - Two Step

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-52
4/6/2016	
4/7/2016	
4/8/2016	
4/11/2016	<1
6/14/2016	
6/16/2016	10
6/17/2016	
8/9/2016	
8/10/2016	
8/11/2016	9.8 (F1)
10/10/2016	
10/11/2016	
10/13/2016	11
10/14/2016	
12/2/2016	
12/5/2016	13
12/6/2016	
12/19/2016	
2/9/2017	
2/10/2017	
2/13/2017	14
4/7/2017	
4/10/2017	
4/11/2017	12
6/22/2017	
6/23/2017	
6/24/2017	12
6/26/2017	
10/9/2017	
10/10/2017	
10/11/2017	13
3/22/2018	
3/23/2018	
3/26/2018	20
10/3/2018	
10/4/2018	23
10/5/2018	
3/27/2019	
3/28/2019	29
9/12/2019	34
3/19/2020	40
3/20/2020	
9/10/2020	
9/11/2020	39
4/2/2021	
4/5/2021	57 (F1)
4/6/2021	
8/12/2021	
8/13/2021	
8/17/2021	54
2/14/2022	56
2/15/2022	

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/24/2025 10:01 AM View: Appendix III - Two Step

Plant Scherer Client: Southern Company Data: Scherer PAC

	GWC-52
8/26/2022	
8/30/2022	
8/31/2022	65
2/28/2023	
3/1/2023	70
8/2/2023	
8/3/2023	74
2/29/2024	
3/4/2024	90
8/6/2024	
8/8/2024	41
8/9/2024	
11/7/2024	
2/25/2025	
2/26/2025	94

FIGURE J.

Appendix III Trend Tests - Significant Results

Plant Scherer Client: Southern Company Data: Scherer PAC Printed 4/24/2025, 10:04 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Calcium (mg/L)	**GWA-21 (bg)**	**-0.2988**	**-109**	**-105**	**Yes**	**24**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**GWA-45 (bg)**	**-1.631**	**-117**	**-105**	**Yes**	**24**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**GWA-46 (bg)**	**0.1416**	**121**	**105**	**Yes**	**24**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**GWA-47 (bg)**	**0.3706**	**164**	**105**	**Yes**	**24**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**GWC-52**	**1.8**	**225**	**105**	**Yes**	**24**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**GWA-22 (bg)**	**-0.2045**	**-156**	**-105**	**Yes**	**24**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**GWA-45 (bg)**	**0.4508**	**157**	**105**	**Yes**	**24**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**GWA-46 (bg)**	**0.3387**	**225**	**105**	**Yes**	**24**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**GWC-51**	**0.2194**	**190**	**98**	**Yes**	**23**	**0**	**n/a**	**n/a**	**0.01**	**NP**
pH, Field (SU)	**GWA-46 (bg)**	**0.01451**	**2.802**	**2.58**	**Yes**	**41**	**0**	**n/a**	**n/a**	**0.01**	**NP**
pH, Field (SU)	**GWA-47 (bg)**	**0.01024**	**2.757**	**2.58**	**Yes**	**42**	**0**	**n/a**	**n/a**	**0.01**	**NP**
pH, Field (SU)	**GWA-49 (bg)**	**0.01325**	**224**	**214**	**Yes**	**39**	**0**	**n/a**	**n/a**	**0.01**	**NP**
pH, Field (SU)	**GWC-29**	**0.04544**	**395**	**206**	**Yes**	**38**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**GWC-51**	**0.2469**	**166**	**105**	**Yes**	**24**	**37.5**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**GWC-52**	**9.538**	**242**	**105**	**Yes**	**24**	**4.167**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**GWC-53**	**4.434**	**177**	**105**	**Yes**	**24**	**0**	**n/a**	**n/a**	**0.01**	**NP**

Appendix III Trend Tests - All Results

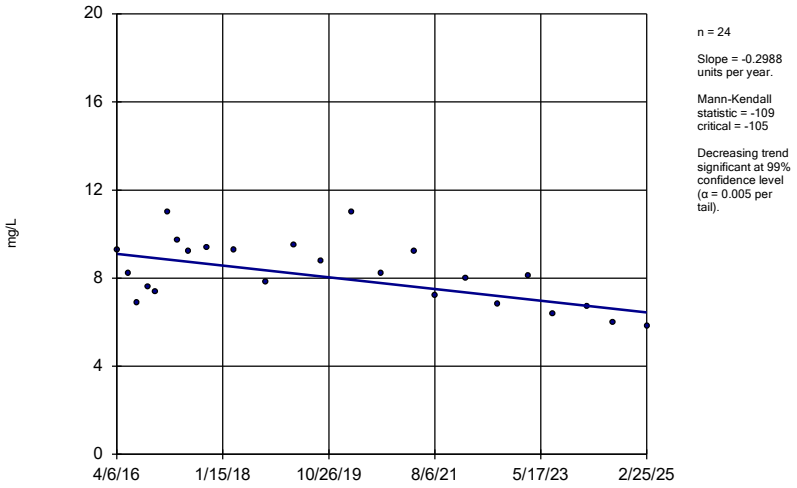
Plant Scherer Client: Southern Company Data: Scherer PAC Printed 4/24/2025, 10:04 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Calcium (mg/L)	**GWA-21 (bg)**	**-0.2988**	**-109**	**-105**	**Yes**	**24**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	GWA-22 (bg)	0.3442	96	105	No	24	0	n/a	n/a	0.01	NP
Calcium (mg/L)	**GWA-45 (bg)**	**-1.631**	**-117**	**-105**	**Yes**	**24**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**GWA-46 (bg)**	**0.1416**	**121**	**105**	**Yes**	**24**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**GWA-47 (bg)**	**0.3706**	**164**	**105**	**Yes**	**24**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	GWA-48 (bg)	0	9	105	No	24	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWA-49 (bg)	0	36	105	No	24	0	n/a	n/a	0.01	NP
Calcium (mg/L)	**GWC-52**	**1.8**	**225**	**105**	**Yes**	**24**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	GWA-21 (bg)	0.06937	74	105	No	24	0	n/a	n/a	0.01	NP
Chloride (mg/L)	**GWA-22 (bg)**	**-0.2045**	**-156**	**-105**	**Yes**	**24**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**GWA-45 (bg)**	**0.4508**	**157**	**105**	**Yes**	**24**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**GWA-46 (bg)**	**0.3387**	**225**	**105**	**Yes**	**24**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	GWA-47 (bg)	0.02114	71	105	No	24	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-48 (bg)	0	15	98	No	23	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWA-49 (bg)	0	-49	-105	No	24	0	n/a	n/a	0.01	NP
Chloride (mg/L)	**GWC-51**	**0.2194**	**190**	**98**	**Yes**	**23**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	GWC-52	0	-1	-98	No	23	0	n/a	n/a	0.01	NP
pH, Field (SU)	GWA-21 (bg)	0.009152	127	206	No	38	0	n/a	n/a	0.01	NP
pH, Field (SU)	GWA-22 (bg)	0.009991	101	199	No	37	0	n/a	n/a	0.01	NP
pH, Field (SU)	GWA-45 (bg)	-0.00963	-126	-223	No	40	0	n/a	n/a	0.01	NP
pH, Field (SU)	**GWA-46 (bg)**	**0.01451**	**2.802**	**2.58**	**Yes**	**41**	**0**	**n/a**	**n/a**	**0.01**	**NP**
pH, Field (SU)	**GWA-47 (bg)**	**0.01024**	**2.757**	**2.58**	**Yes**	**42**	**0**	**n/a**	**n/a**	**0.01**	**NP**
pH, Field (SU)	GWA-48 (bg)	0.004852	1.148	2.58	No	41	0	n/a	n/a	0.01	NP
pH, Field (SU)	**GWA-49 (bg)**	**0.01325**	**224**	**214**	**Yes**	**39**	**0**	**n/a**	**n/a**	**0.01**	**NP**
pH, Field (SU)	**GWC-29**	**0.04544**	**395**	**206**	**Yes**	**38**	**0**	**n/a**	**n/a**	**0.01**	**NP**
pH, Field (SU)	GWC-51	0.01022	216	223	No	40	0	n/a	n/a	0.01	NP
pH, Field (SU)	GWC-52	0.0067	119	223	No	40	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-21 (bg)	0.1029	105	105	No	24	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-22 (bg)	0	24	105	No	24	83.33	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-45 (bg)	2.9	92	105	No	24	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-46 (bg)	0	27	105	No	24	54.17	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-47 (bg)	0	46	105	No	24	66.67	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-48 (bg)	0	2	105	No	24	4.167	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWA-49 (bg)	0	-35	-105	No	24	50	n/a	n/a	0.01	NP
Sulfate (mg/L)	**GWC-51**	**0.2469**	**166**	**105**	**Yes**	**24**	**37.5**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**GWC-52**	**9.538**	**242**	**105**	**Yes**	**24**	**4.167**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**GWC-53**	**4.434**	**177**	**105**	**Yes**	**24**	**0**	**n/a**	**n/a**	**0.01**	**NP**

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Sen's Slope Estimator

GWA-21 (bg)



n = 24

Slope = -0.2988 units per year.

Mann-Kendall statistic = -109
critical = -105

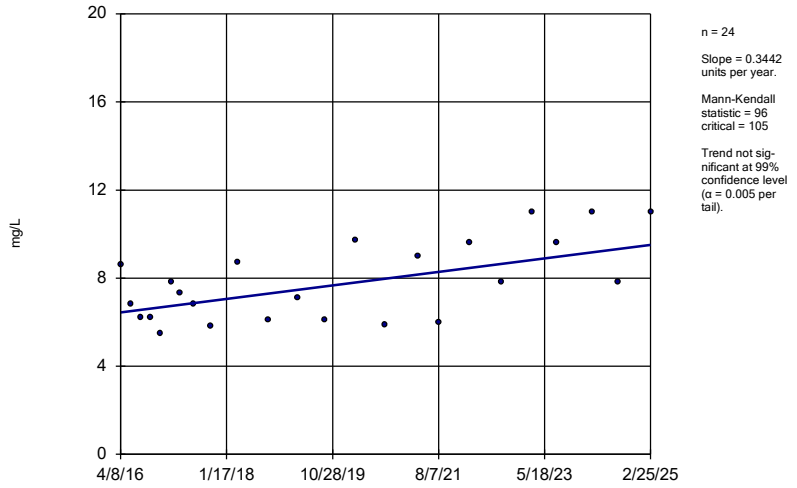
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 4/24/2025 10:02 AM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC

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Sen's Slope Estimator

GWA-22 (bg)



n = 24

Slope = 0.3442 units per year.

Mann-Kendall statistic = 96
critical = 105

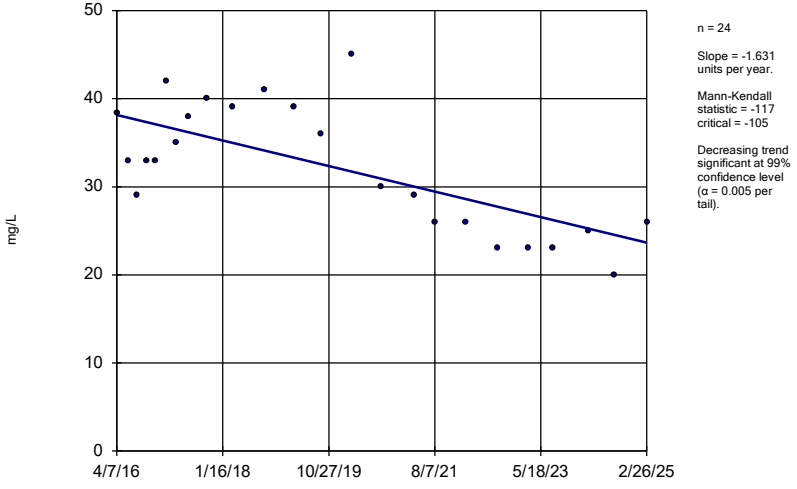
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 4/24/2025 10:02 AM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC

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Sen's Slope Estimator

GWA-45 (bg)



n = 24

Slope = -1.631 units per year.

Mann-Kendall statistic = -117
critical = -105

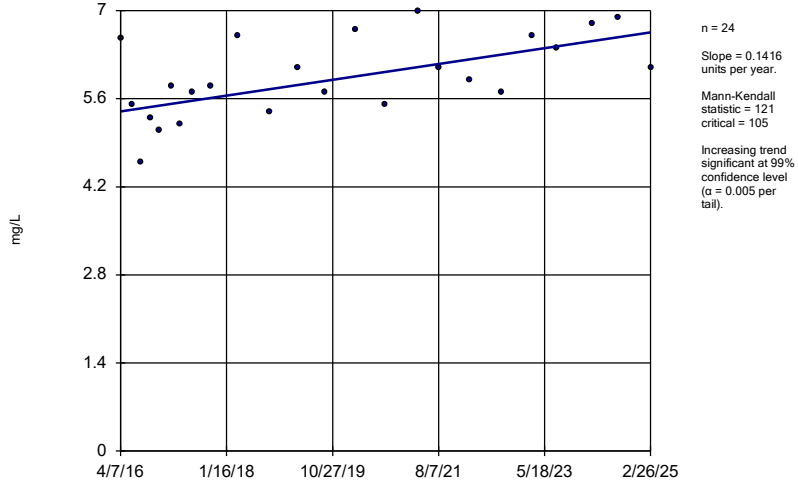
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 4/24/2025 10:02 AM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC

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Sen's Slope Estimator

GWA-46 (bg)



n = 24

Slope = 0.1416 units per year.

Mann-Kendall statistic = 121
critical = 105

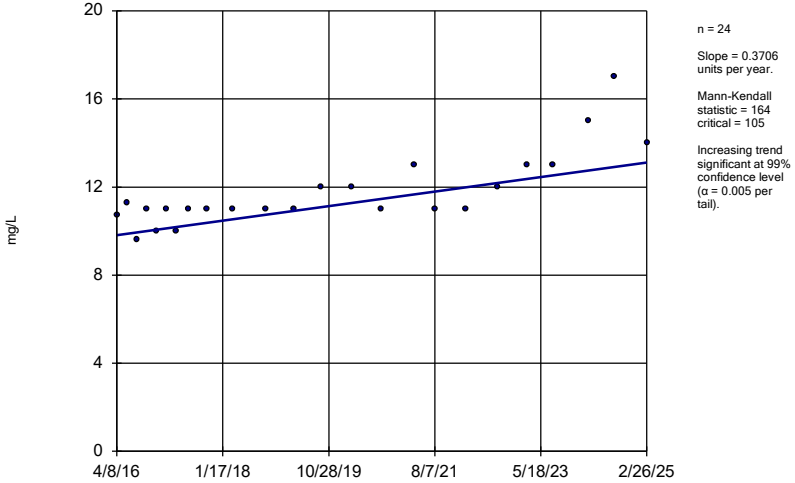
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 4/24/2025 10:02 AM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC

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Sen's Slope Estimator

GWA-47 (bg)



n = 24

Slope = 0.3706 units per year.

Mann-Kendall statistic = 164 critical = 105

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

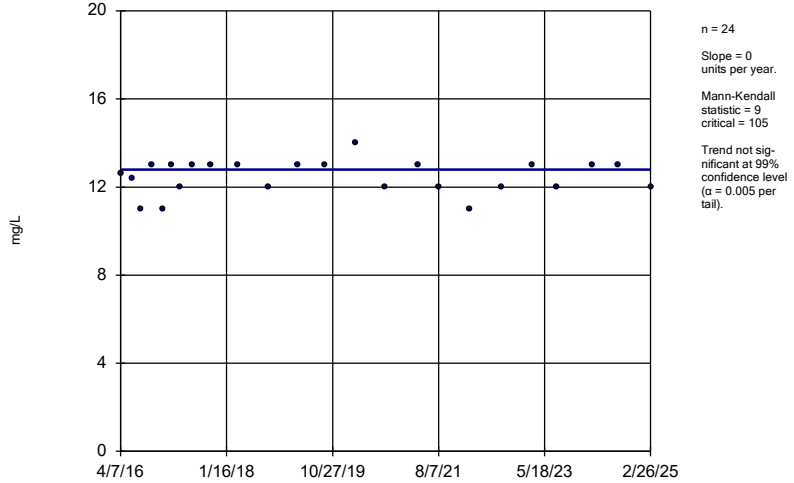
Constituent: Calcium Analysis Run 4/24/2025 10:02 AM View: Appendix III - Trend Tests

Plant Scherer Client: Southern Company Data: Scherer PAC

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Sen's Slope Estimator

GWA-48 (bg)



n = 24

Slope = 0 units per year.

Mann-Kendall statistic = 9 critical = 105

Trend not significant at 99% confidence level (α = 0.005 per tail).

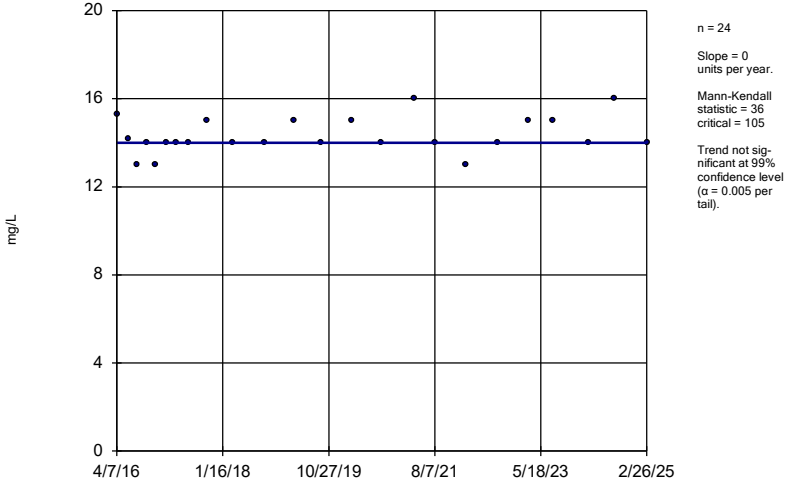
Constituent: Calcium Analysis Run 4/24/2025 10:02 AM View: Appendix III - Trend Tests

Plant Scherer Client: Southern Company Data: Scherer PAC

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Sen's Slope Estimator

GWA-49 (bg)



n = 24

Slope = 0 units per year.

Mann-Kendall statistic = 36 critical = 105

Trend not significant at 99% confidence level (α = 0.005 per tail).

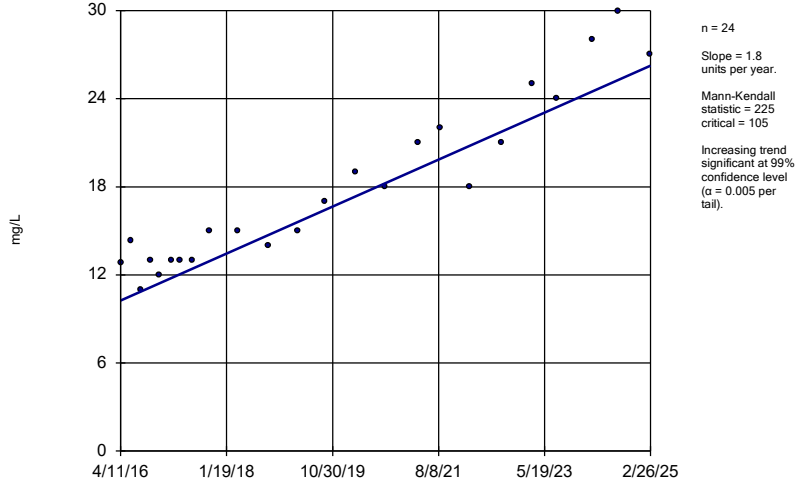
Constituent: Calcium Analysis Run 4/24/2025 10:02 AM View: Appendix III - Trend Tests

Plant Scherer Client: Southern Company Data: Scherer PAC

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Sen's Slope Estimator

GWC-52



n = 24

Slope = 1.8 units per year.

Mann-Kendall statistic = 225 critical = 105

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

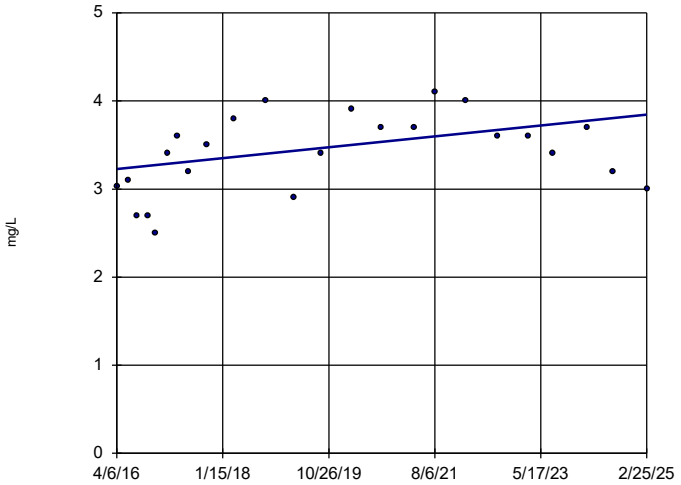
Constituent: Calcium Analysis Run 4/24/2025 10:02 AM View: Appendix III - Trend Tests

Plant Scherer Client: Southern Company Data: Scherer PAC

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Sen's Slope Estimator

GWA-21 (bg)



n = 24

Slope = 0.06937 units per year.

Mann-Kendall statistic = 74 critical = 105

Trend not significant at 99% confidence level (α = 0.005 per tail).

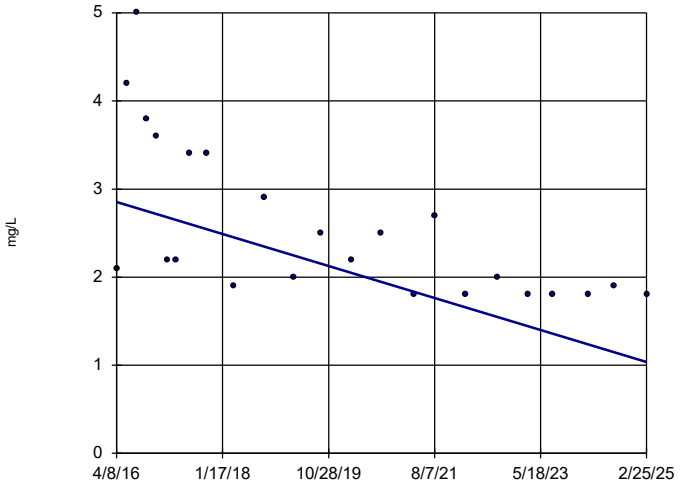
Constituent: Chloride Analysis Run 4/24/2025 10:02 AM View: Appendix III - Trend Tests

Plant Scherer Client: Southern Company Data: Scherer PAC

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Sen's Slope Estimator

GWA-22 (bg)



n = 24

Slope = -0.2045 units per year.

Mann-Kendall statistic = -156 critical = -105

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

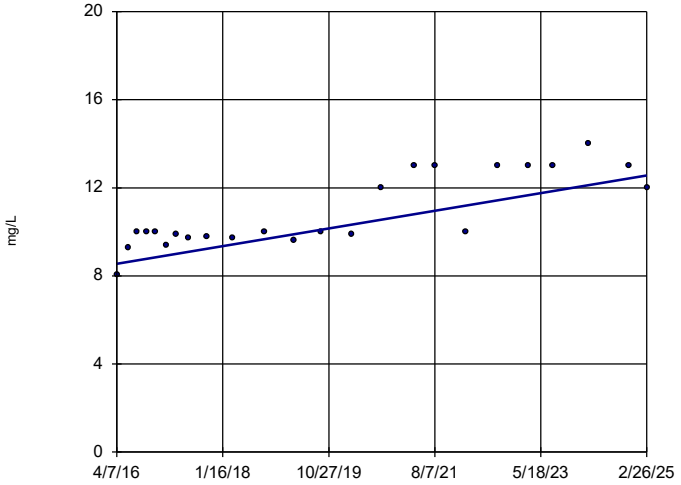
Constituent: Chloride Analysis Run 4/24/2025 10:02 AM View: Appendix III - Trend Tests

Plant Scherer Client: Southern Company Data: Scherer PAC

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Sen's Slope Estimator

GWA-45 (bg)



n = 24

Slope = 0.4508 units per year.

Mann-Kendall statistic = 157 critical = 105

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

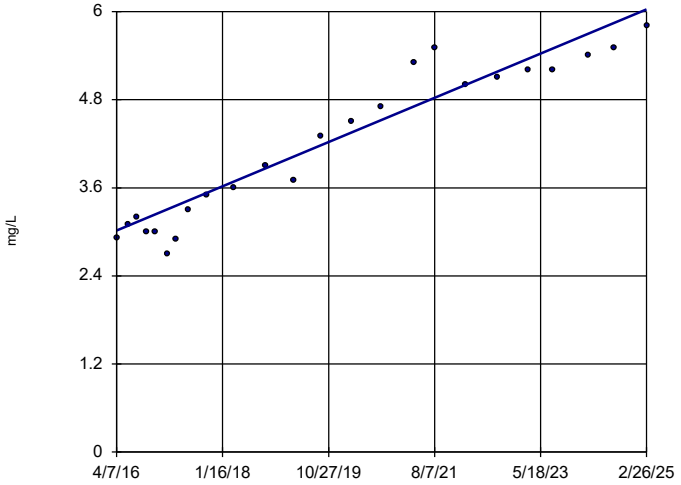
Constituent: Chloride Analysis Run 4/24/2025 10:02 AM View: Appendix III - Trend Tests

Plant Scherer Client: Southern Company Data: Scherer PAC

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Sen's Slope Estimator

GWA-46 (bg)



n = 24

Slope = 0.3387 units per year.

Mann-Kendall statistic = 225 critical = 105

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

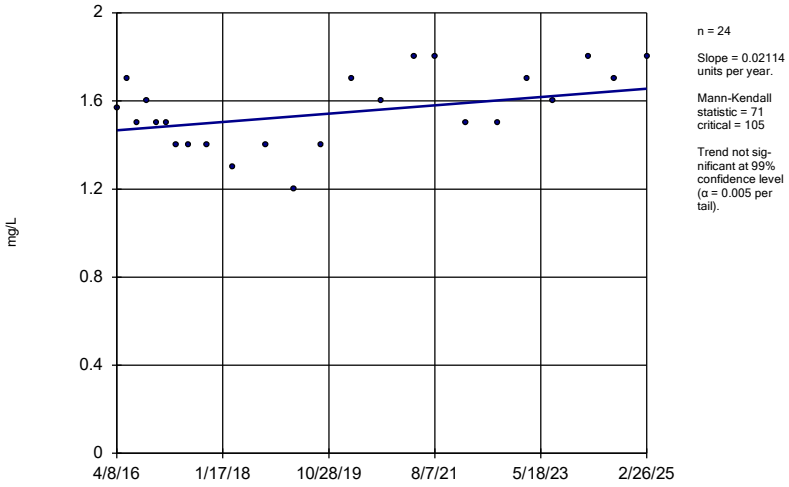
Constituent: Chloride Analysis Run 4/24/2025 10:02 AM View: Appendix III - Trend Tests

Plant Scherer Client: Southern Company Data: Scherer PAC

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Sen's Slope Estimator

GWA-47 (bg)



n = 24

Slope = 0.02114 units per year.

Mann-Kendall statistic = 71
critical = 105

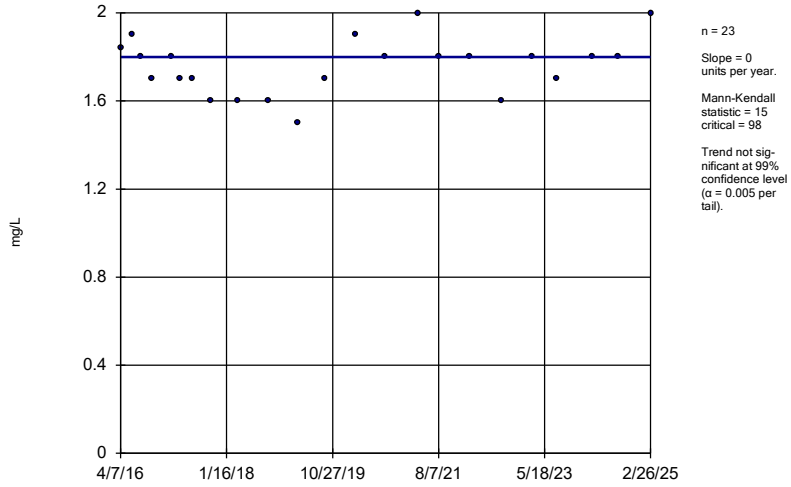
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 4/24/2025 10:02 AM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC

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Sen's Slope Estimator

GWA-48 (bg)



n = 23

Slope = 0 units per year.

Mann-Kendall statistic = 15
critical = 98

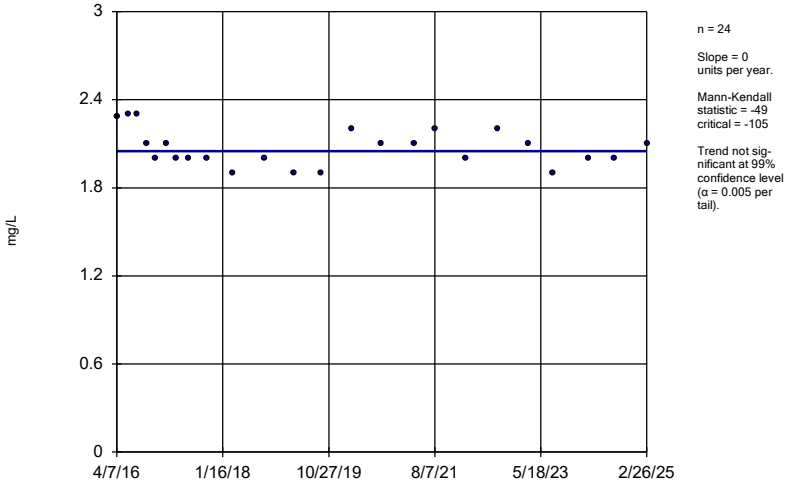
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 4/24/2025 10:02 AM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC

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Sen's Slope Estimator

GWA-49 (bg)



n = 24

Slope = 0 units per year.

Mann-Kendall statistic = -49
critical = -105

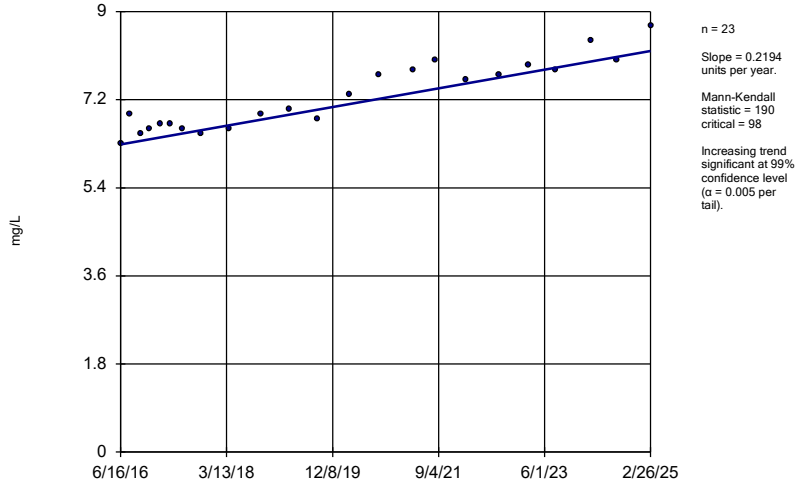
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 4/24/2025 10:02 AM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC

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Sen's Slope Estimator

GWC-51



n = 23

Slope = 0.2194 units per year.

Mann-Kendall statistic = 190
critical = 98

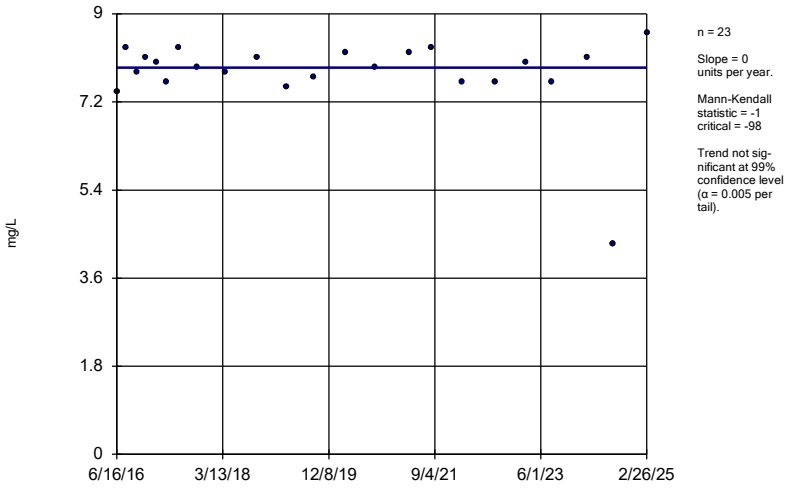
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 4/24/2025 10:02 AM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC

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Sen's Slope Estimator

GWC-52



n = 23

Slope = 0 units per year.

Mann-Kendall statistic = -1 critical = -98

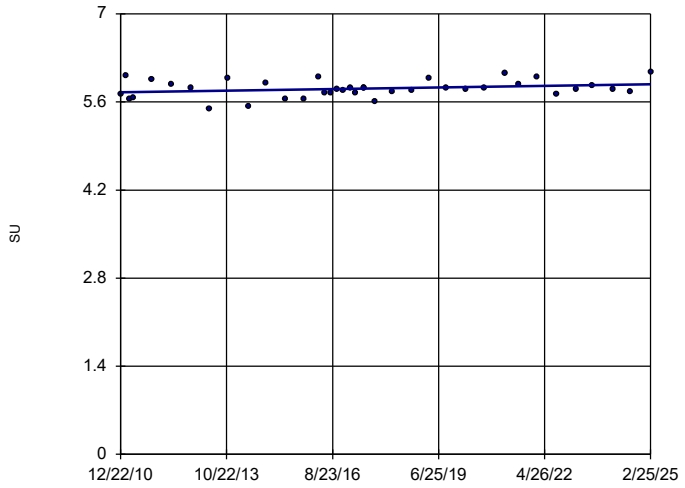
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 4/24/2025 10:02 AM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC

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Sen's Slope Estimator

GWA-21 (bg)



n = 38

Slope = 0.009152 units per year.

Mann-Kendall statistic = 127 critical = 206

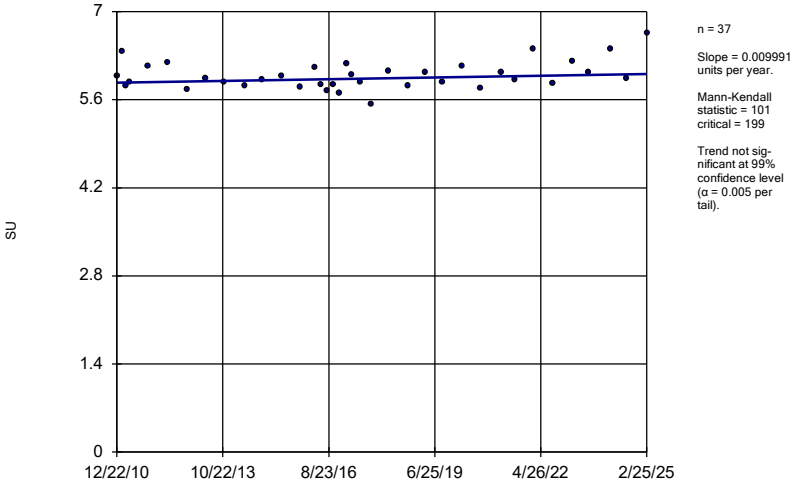
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: pH, Field Analysis Run 4/24/2025 10:02 AM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC

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Sen's Slope Estimator

GWA-22 (bg)



n = 37

Slope = 0.009991 units per year.

Mann-Kendall statistic = 101 critical = 199

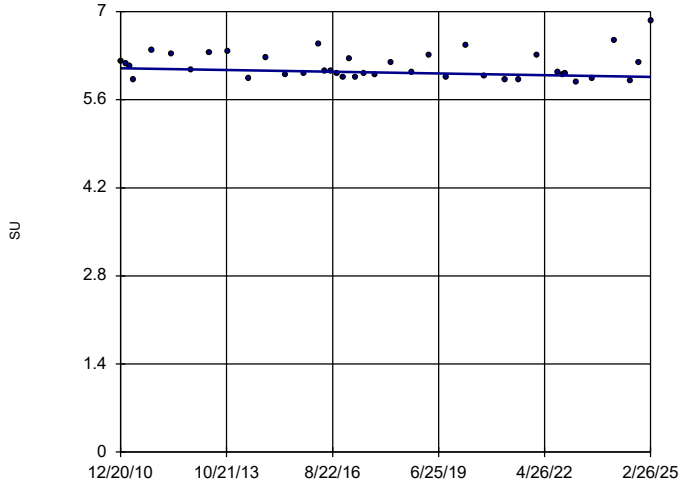
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: pH, Field Analysis Run 4/24/2025 10:02 AM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC

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Sen's Slope Estimator

GWA-45 (bg)



n = 40

Slope = -0.00963 units per year.

Mann-Kendall statistic = -126 critical = -223

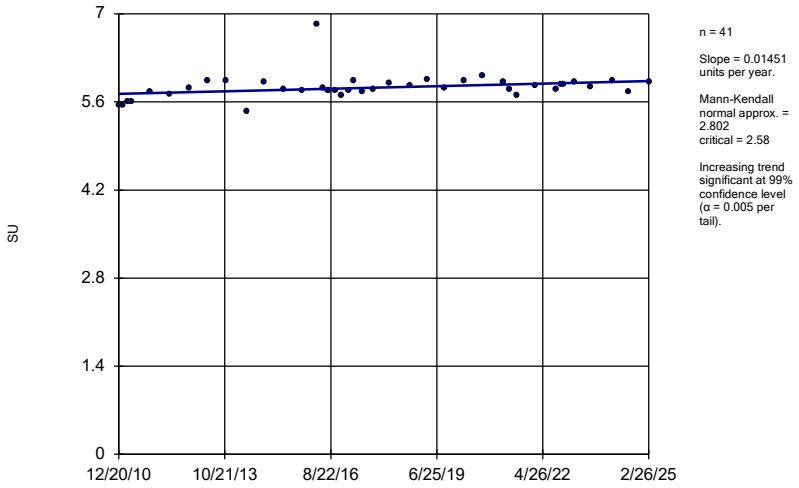
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: pH, Field Analysis Run 4/24/2025 10:02 AM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC

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Sen's Slope Estimator

GWA-46 (bg)



n = 41

Slope = 0.01451 units per year.

Mann-Kendall normal approx. = 2.802
critical = 2.58

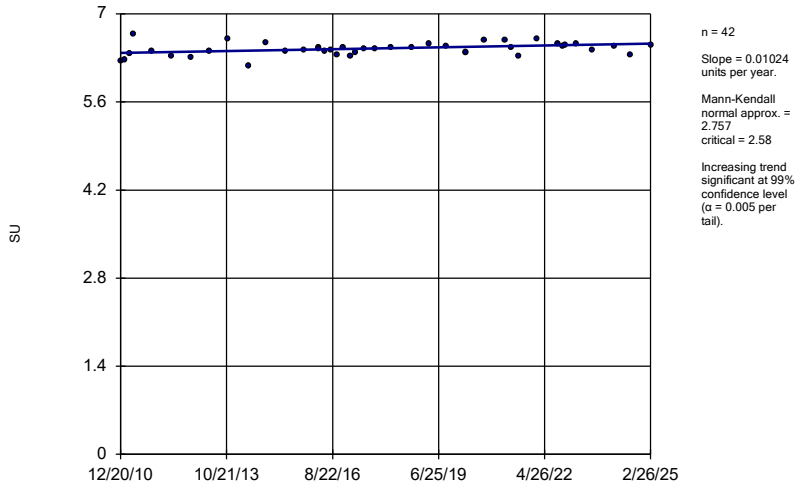
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: pH, Field Analysis Run 4/24/2025 10:02 AM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC

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Sen's Slope Estimator

GWA-47 (bg)



n = 42

Slope = 0.01024 units per year.

Mann-Kendall normal approx. = 2.757
critical = 2.58

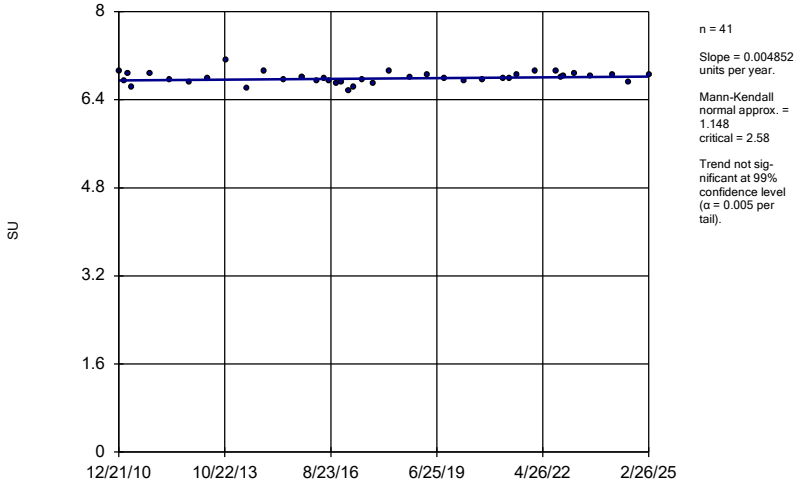
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: pH, Field Analysis Run 4/24/2025 10:02 AM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC

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Sen's Slope Estimator

GWA-48 (bg)



n = 41

Slope = 0.004852 units per year.

Mann-Kendall normal approx. = 1.148
critical = 2.58

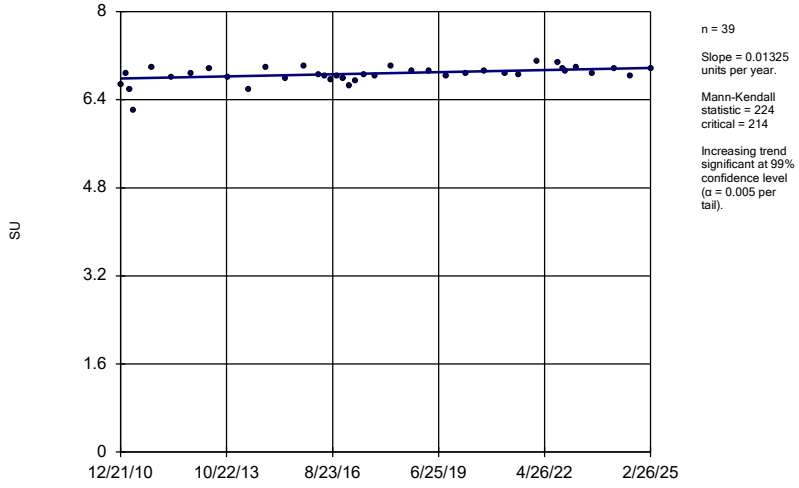
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: pH, Field Analysis Run 4/24/2025 10:02 AM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC

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Sen's Slope Estimator

GWA-49 (bg)



n = 39

Slope = 0.01325 units per year.

Mann-Kendall statistic = 224
critical = 214

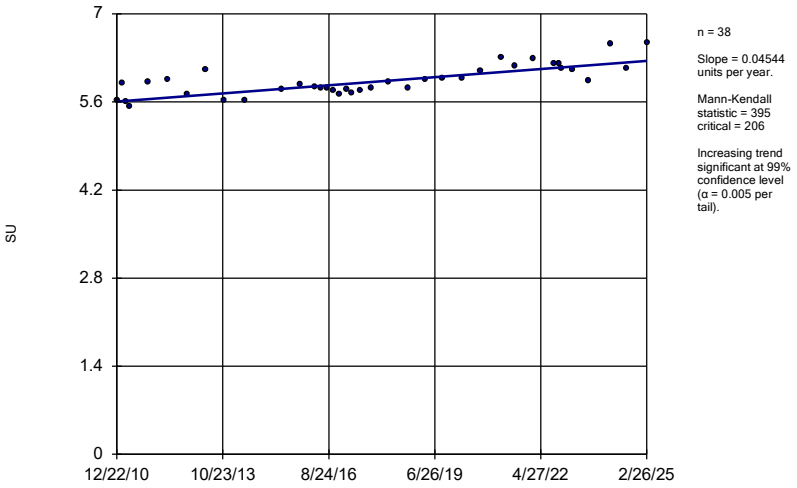
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: pH, Field Analysis Run 4/24/2025 10:02 AM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC

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Sen's Slope Estimator

GWC-29



n = 38

Slope = 0.04544 units per year.

Mann-Kendall statistic = 395 critical = 206

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

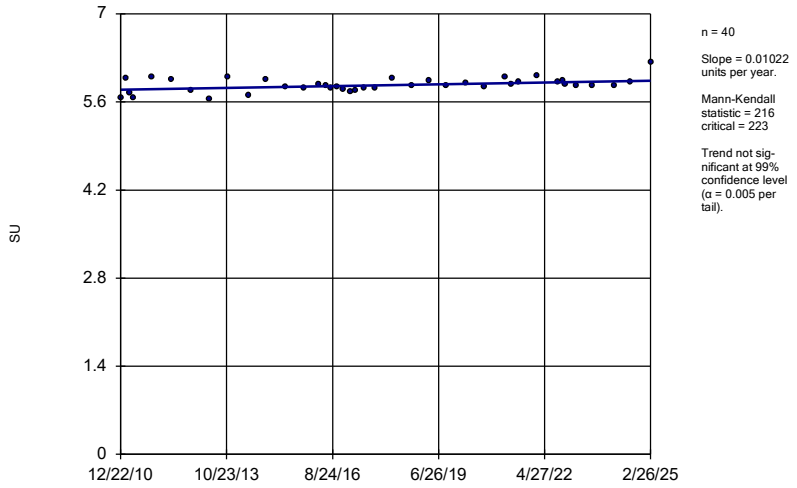
Constituent: pH, Field Analysis Run 4/24/2025 10:02 AM View: Appendix III - Trend Tests

Plant Scherer Client: Southern Company Data: Scherer PAC

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Sen's Slope Estimator

GWC-51



n = 40

Slope = 0.01022 units per year.

Mann-Kendall statistic = 216 critical = 223

Trend not significant at 99% confidence level (α = 0.005 per tail).

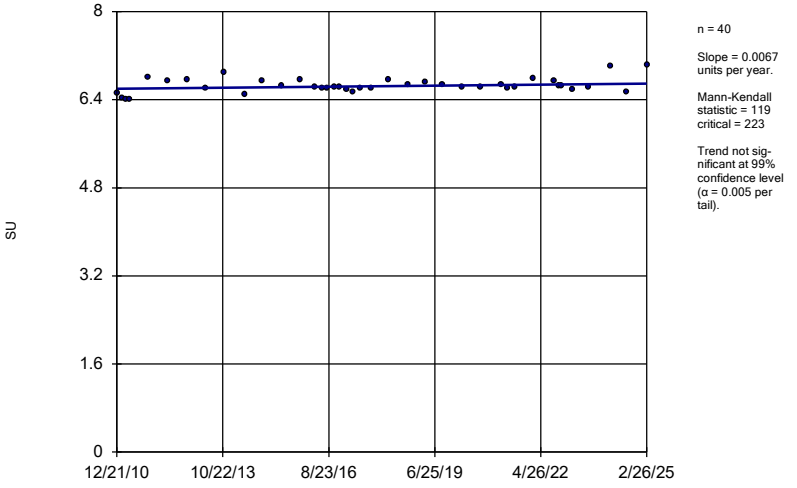
Constituent: pH, Field Analysis Run 4/24/2025 10:02 AM View: Appendix III - Trend Tests

Plant Scherer Client: Southern Company Data: Scherer PAC

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Sen's Slope Estimator

GWC-52



n = 40

Slope = 0.0067 units per year.

Mann-Kendall statistic = 119 critical = 223

Trend not significant at 99% confidence level (α = 0.005 per tail).

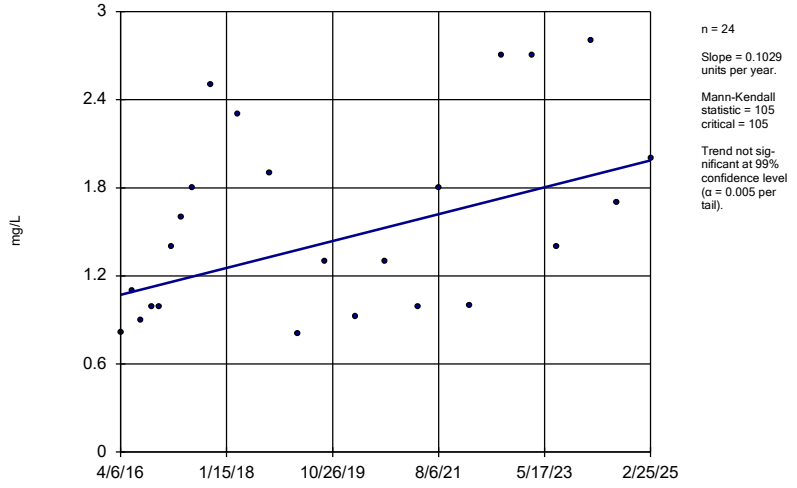
Constituent: pH, Field Analysis Run 4/24/2025 10:02 AM View: Appendix III - Trend Tests

Plant Scherer Client: Southern Company Data: Scherer PAC

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Sen's Slope Estimator

GWA-21 (bg)



n = 24

Slope = 0.1029 units per year.

Mann-Kendall statistic = 105 critical = 105

Trend not significant at 99% confidence level (α = 0.005 per tail).

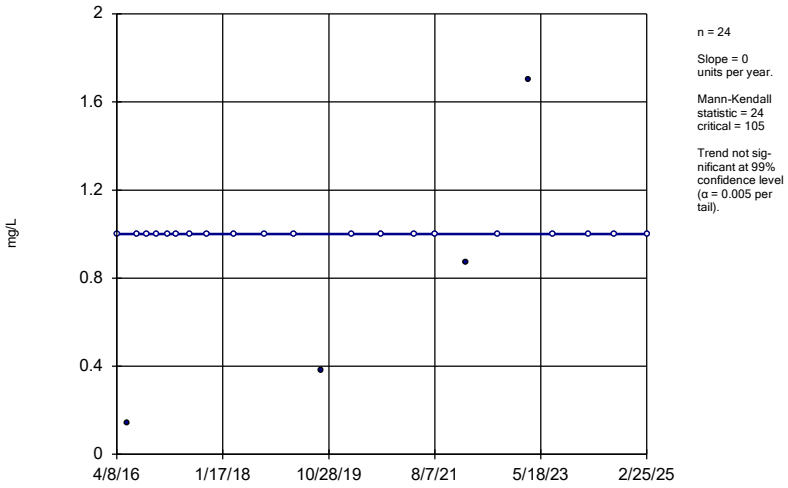
Constituent: Sulfate Analysis Run 4/24/2025 10:02 AM View: Appendix III - Trend Tests

Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-22 (bg)



n = 24

Slope = 0 units per year.

Mann-Kendall statistic = 24
critical = 105

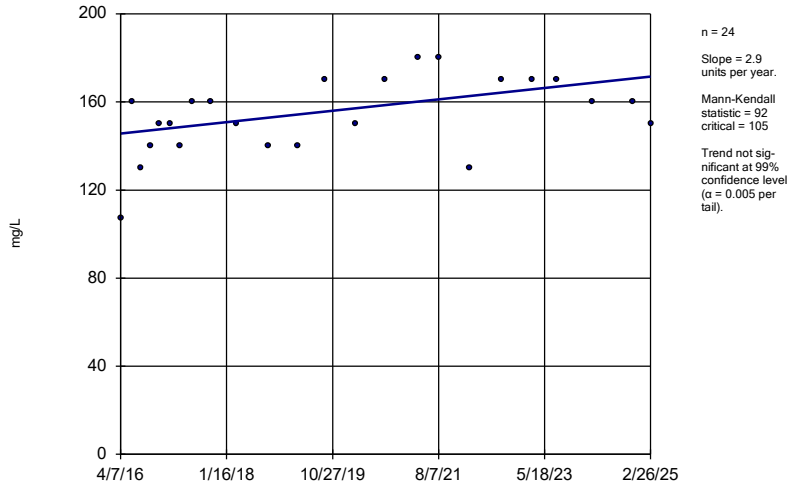
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 4/24/2025 10:02 AM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC

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Sen's Slope Estimator

GWA-45 (bg)



n = 24

Slope = 2.9 units per year.

Mann-Kendall statistic = 92
critical = 105

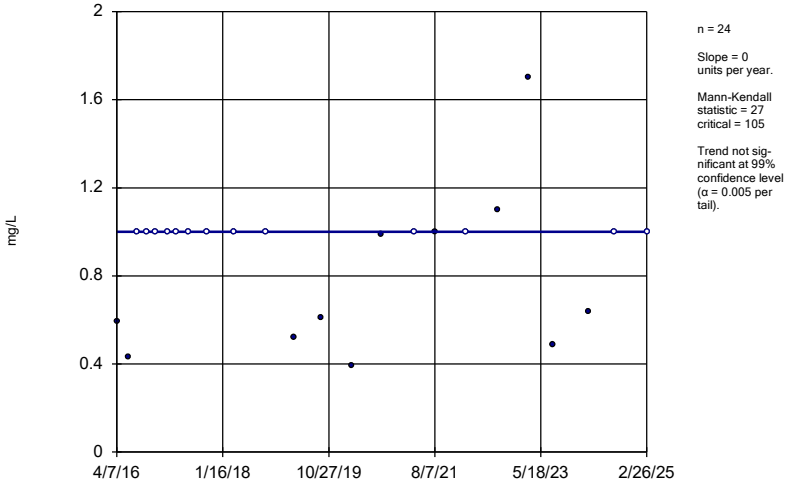
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 4/24/2025 10:02 AM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-46 (bg)



n = 24

Slope = 0 units per year.

Mann-Kendall statistic = 27
critical = 105

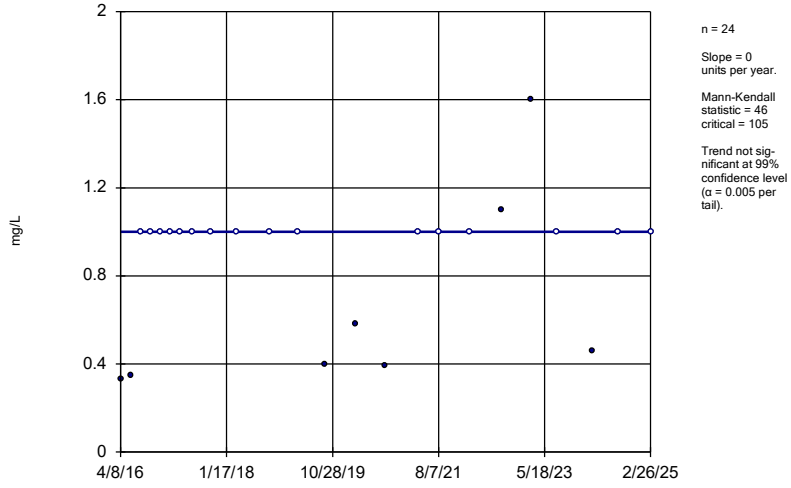
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 4/24/2025 10:02 AM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-47 (bg)



n = 24

Slope = 0 units per year.

Mann-Kendall statistic = 46
critical = 105

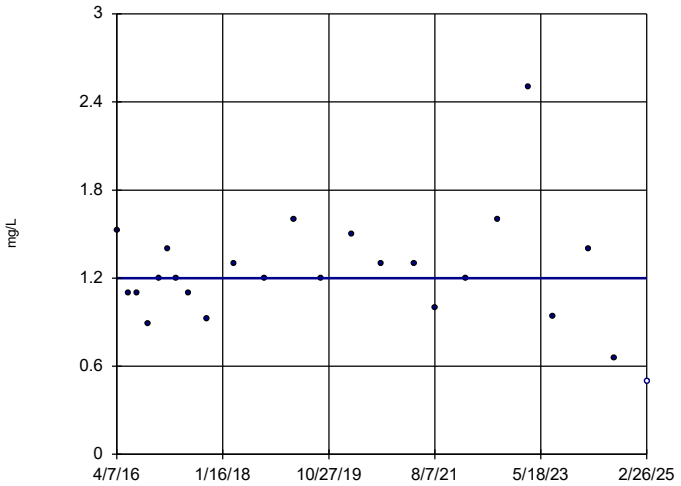
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 4/24/2025 10:02 AM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-48 (bg)



n = 24

Slope = 0
units per year.

Mann-Kendall
statistic = 2
critical = 105

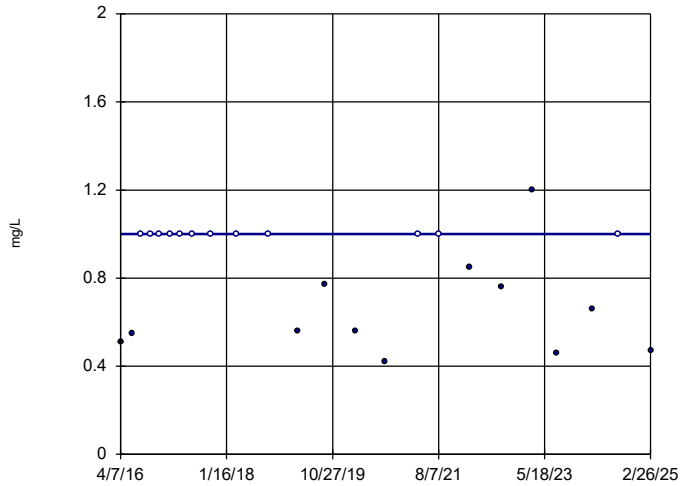
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nificant at 99%
confidence level
(α = 0.005 per
tail).

Constituent: Sulfate Analysis Run 4/24/2025 10:02 AM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-49 (bg)



n = 24

Slope = 0
units per year.

Mann-Kendall
statistic = -35
critical = -105

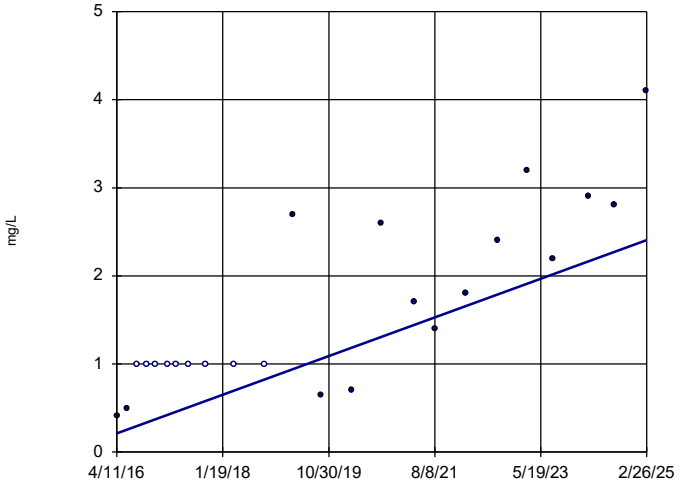
Trend not sig-
nificant at 99%
confidence level
(α = 0.005 per
tail).

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Plant Scherer Client: Southern Company Data: Scherer PAC

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Hollow symbols indicate censored values.

Sen's Slope Estimator

GWC-51



n = 24

Slope = 0.2469
units per year.

Mann-Kendall
statistic = 166
critical = 105

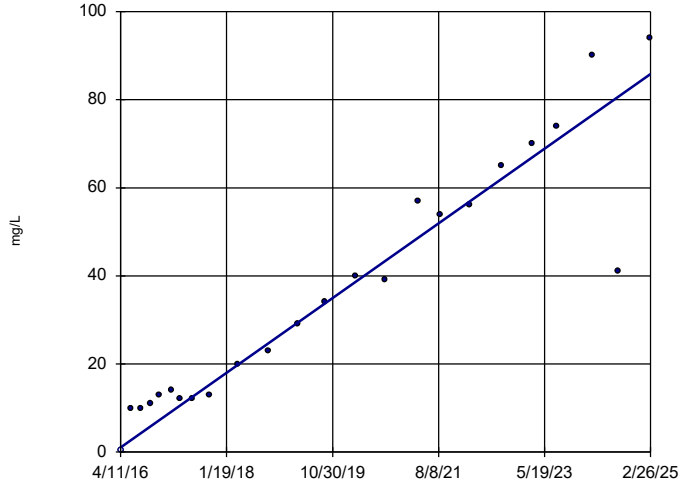
Increasing trend
significant at 99%
confidence level
(α = 0.005 per
tail).

Constituent: Sulfate Analysis Run 4/24/2025 10:02 AM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWC-52



n = 24

Slope = 9.538
units per year.

Mann-Kendall
statistic = 242
critical = 105

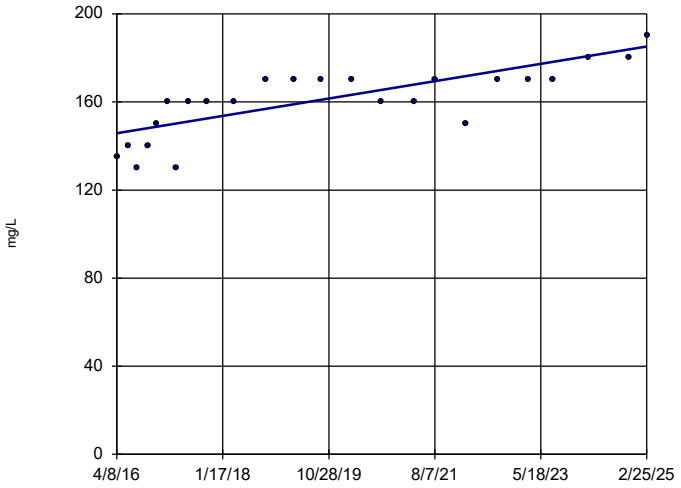
Increasing trend
significant at 99%
confidence level
(α = 0.005 per
tail).

Constituent: Sulfate Analysis Run 4/24/2025 10:02 AM View: Appendix III - Trend Tests
Plant Scherer Client: Southern Company Data: Scherer PAC

Sanitas™ v.10.0.24 Software licensed to Groundwater Stats Consulting. UG

Sen's Slope Estimator

GWC-53



n = 24

Slope = 4.434 units per year.

Mann-Kendall statistic = 177 critical = 105

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 4/24/2025 10:02 AM View: Appendix III - Trend Tests

Plant Scherer Client: Southern Company Data: Scherer PAC

APPENDIX F

Alternate Source Demonstration

Alternate Source Demonstration

Plant Scherer Cell 1 and PAC Ash Cell Permit No. 102.009D(CCR)
2024 Second Semi-Annual Event

Submitted to:

Georgia Power

Georgia Power Company
241 Ralph McGill Boulevard NE, Atlanta, Georgia 30308

Submitted by:

WSP USA, Inc.
5170 Peachtree Road Building 100 Suite 300, Atlanta, Georgia, USA 30341
+1 770 496-1893

May 01, 2025

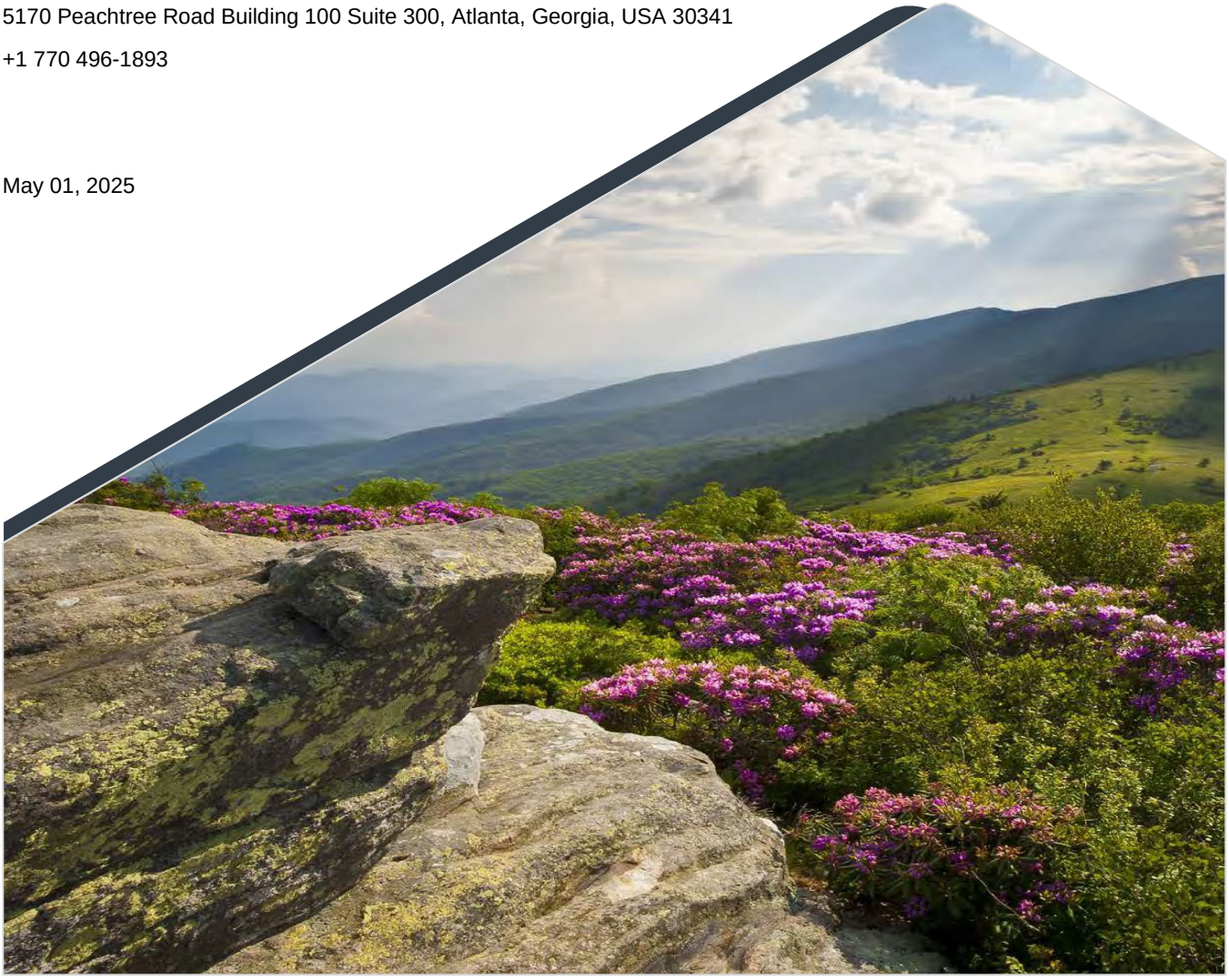


Table of Contents

CERTIFICATION **1**

1.0 INTRODUCTION **2**

2.0 SITE DESCRIPTION **2**

3.0 EVALUATION OF ANALYTICAL RESULTS & STATISTICAL ANALYSES **2**

3.1 Statistical Analysis Method 3

3.2 Statistical Analysis Results 3

4.0 ALTERNATE SOURCE DEMONSTRATION **4**

4.1 Barium, Calcium, Chloride, Sulfate, and TDS at GWC-4 4

4.1.1 Natural Occurrence of Barium in Regional and Site Groundwater 4

4.1.2 Natural Variability of Calcium, Sulfate, Chloride, and TDS 4

4.1.3 Lack of Boron in Well GWC-4 5

4.1.4 Mineral Saturation in Well GWC-4 5

4.2 Calcium at GWC-7, GWC-9, GWC-19, and GWC-20 6

4.3 Sulfate at GWC-3, GWC-9 and GWC-10 7

4.4 Chromium at GWC-7 7

5.0 CONCLUSIONS **7**

6.0 REFERENCES **9**

Tables & Figures

Table 1: Summary of Statistically Significant Increases – 2024 Second Semi-Annual Event

Table 2: Saturation Indices - 2024 Second Semi-Annual Event

Figure 1: Site Location Map

Figure 2: Potentiometric Surface Map – Cell 1 (July 30, 2024)

Figure 3: Cell 1 Hydrograph – GWC-4

Figure 4: Barium and Calcium in Groundwater at GWC-4

Figure 5: Sulfate and TDS in Groundwater at GWC-4

Figure 6: Boron and Chloride in Groundwater at GWC-4

Figures - continued

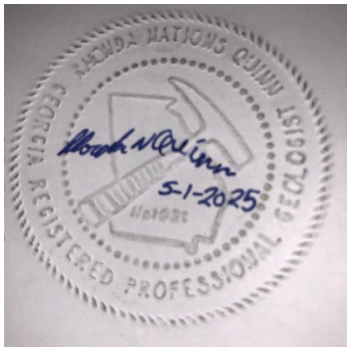
Figure 7: GWC-3, GWC-7, GWC-9, GWC-10, GWC-19, GWC-20, and Upgradient Groundwater Chemistry Piper Trilinear Diagram
Figure 8: Sulfate in Groundwater at GWC-3, GWC-9 and GWC-10
Figure 9: Chromium in Groundwater at GWC-7
Figure 10: Boron and Chloride in Groundwater at GWC-3, GWC-7, GWC-9 and GWC-10

Certification

This *Alternate Source Demonstration, Plant Scherer Cell 1 and PAC Ash Cell Permit No. 102-009D(CCR), 2024 Second Semi-Annual Monitoring Event,* has been prepared in compliance with the United States Environmental Protection Agency Coal Combustion Residual Rule (40 Code of Federal Regulations [CFR] 257 Subpart D), specifically § 257.90(e), and the Georgia Environmental Protection Division Rules for Solid Waste Management 391-3-4-.10 by a qualified groundwater scientist or engineer with WSP USA Inc. I hereby certify that I am a qualified groundwater scientist, in accordance with the Georgia Rules of Solid Waste Management 391-3-4-.01.

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

WSP USA Inc.



Dawn L. Prell, CPG
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Georgia Registered Professional Engineer No. 026729

1.0 INTRODUCTION

This Alternate Source Demonstration (ASD) has been prepared on behalf of Georgia Power Company (Georgia Power) by WSP USA, Inc. (WSP) in accordance with 40 CFR § 257.90(e) of the Federal Coal Combustion Residuals (CCR) Rule and 391-3-4-.10 of the Georgia (GA) Solid Waste Management Rules to address the statistically significant increases (SSIs) of constituents over background concentrations.

These SSIs were reported in the *2024 Annual Groundwater Monitoring and Corrective Action Report* dated January 31, 2025, for the July-August 2024 semi-annual monitoring event and the November 2024 verification resampling (July-August and November 2024) event at Georgia Power's Plant Scherer (Scherer) Cell 1 and Powdered Activated Carbon (PAC) Ash Cell (WSP, 2025). Within 90 days of the reported SSIs, in compliance with 391-3-4-.10, this report describes an alternate source and demonstrates that the SSIs are not the result of a release from Cell 1 or PAC Ash Cell, but rather due to natural variability in groundwater chemistry.

Semi-annual groundwater quality monitoring and reporting for the landfill units at Plant Scherer are performed in accordance with the Solid Waste Permit 102.009D(CCR); and the Site's *Groundwater Monitoring Plan*, and the CCR Rule 40 CFR § 257.90-98. The following sections address the SSIs noted following the 2024 second semi-annual monitoring event and provide evidence that demonstrates an alternate source for these SSIs.

2.0 SITE DESCRIPTION

Plant Scherer is a coal-fired power generation facility located in northeast Monroe County approximately five miles south of Juliette, GA. The property occupies approximately 13,000 acres and is bounded on the south by Lake Juliette. The plant is primarily surrounded by agricultural and residential use. Figure 1 depicts the location of Plant Scherer relative to the surrounding area. The Site is located within the Piedmont Physiographic Province of central Georgia, which is characterized by gently rolling hills and narrow valleys, with locally pronounced linear ridges (Golder, 2022a). Overall, the property slopes gently south towards Lake Juliette and east toward the Ocmulgee River (Figure 1).

The Plant Scherer Landfill consists of two active cells, namely, Cell 1 and PAC Ash Cell (Figure 1). The two active cells have been used since 2011 for CCR. The landfill is situated on a topographically high area of the property east/southeast of AP-1. The landfill cells have a geosynthetic clay and geomembrane composite liner, and a leachate collection and removal system. Figure 2 depicts the general configuration of Cell 1 along with the potentiometric surface inferred from groundwater elevations measured in the monitoring well network on July 30, 2024. Figure 3 presents a hydrograph of groundwater elevations for wells around Cell 1.

3.0 EVALUATION OF ANALYTICAL RESULTS & STATISTICAL ANALYSES

As presented in the *2024 Annual Groundwater Monitoring and Corrective Action Report,* detected concentrations of target constituents are below the established prediction limits (PLs) in groundwater samples collected during the July-August and November 2024 sampling events with the exception of barium, calcium, chloride, chromium, sulfate, and total dissolved solids (TDS), in various wells at Cell 1. Three of these SSIs of calcium and sulfate in GWC-9 and chromium in GWC-7 are not subject to prior ASDs and verification sampling conducted in November 2024 confirmed these SSIs. The SSIs noted following the second semi-annual sampling event of 2024 at the Site are below applicable maximum contaminant levels (MCLs) for drinking water

This report documents an Alternate Source Demonstration (ASD) to address the SSIs. Prior ASDs have been prepared to address the confirmed SSIs of barium, calcium, chloride, sulfate, and TDS at GWC-4, calcium at

GWC-7, GWC-19 and GWC-20, and sulfate at GWC-3 and GWC-10, and the basis for these ASDs is reasserted below. Table 1 summarizes the statistical exceedances above PLs following the July-August 2024 sampling event and subsequent November 2024 resampling results, indicates which SSIs are subject to prior ASDs, and indicates which are not—calcium and sulfate in GWC-9 and chromium in GWC-7. The three that were not subject to prior ASDs are all subject to this ASD, meaning that this ASD addresses all SSIs noted during the 2024 second semi-annual monitoring event.

3.1 Statistical Analysis Method

The selected statistical evaluation procedure for Cell 1 and PAC Ash Cell was developed using methodology presented in S*tatistical Analysis of Groundwater Data at RCRA Facilities, Unified Guidance*, (Unified Guidance) (USEPA, March 2009). Sanitas groundwater statistical software was used to perform the statistical analyses. Sanitas is a decision-support software package that incorporates the statistical tests required of Subtitle C and D facilities by United States Environmental Protection Agency (USEPA) regulations and as recommended in the Unified Guidance.

During detection monitoring at the Site, groundwater quality data are evaluated using a two-step statistical approach (i.e., intrawell followed by interwell PLs). The statistical method(s) use an optional 1-of-2 verification resample plan. Intrawell statistical analyses methods are evaluated for each well and constituent pair. For an apparent SSI, a second step of interwell comparisons is performed. An SSI is declared when downgradient well data exceed both intrawell and interwell PLs.

3.2 Statistical Analysis Results

The calculated prediction limits and the statistical analysis (Sanitas) results are included in *2024 Annual Groundwater Monitoring and Corrective Action Report* (WSP, 2025).

Using the statistical methods described above, including the two-step analyses, the following SSIs are noted following the second semi-annual 2024 monitoring event including both the July-August sampling event and the November 2024 verification sampling event. No SSIs were reported in the PAC Ash Cell wells.

Parameter	Well ID
Cell 1	
Barium	GWC-4*
Calcium	GWC-4*, GWC-7*, GWC-9, GWC-19*, and GWC-20*
Chloride	GWC-4*
Chromium	GWC-7
Sulfate	GWC-3*, GWC-4*, GWC-9, and GWC-10*
TDS	GWC-4*

Note:

*Indicate prior ASDs have been prepared to address confirmed SSIs.

4.0 ALTERNATE SOURCE DEMONSTRATION

In accordance with Rule § 391-3-4-.10 and 40 CFR § 257.94(e), the following discussion provides a demonstration that the SSIs identified following the second semi-annual 2024 sampling event are not the result of a release from Cell 1 or the PAC Ash Cell. All but three SSIs identified after the July-August and November 2024 sampling have been the subject of prior ASDs, as summarized on Table 1, and the findings of those ASDs have been summarized in this demonstration, particularly in sections 4.1, 4.2 and 4.3.

In general, SSIs can be attributed to natural variability in groundwater chemistry. The variations in metal concentrations at several wells across the Site reflect variations in groundwater flow and chemistry following repairs to the sedimentation ponds and the clear pool made in 2023 and on other occasions in previous years that have affected nearby monitoring wells.

4.1 Barium, Calcium, Chloride, Sulfate, and TDS at GWC-4

4.1.1 Natural Occurrence of Barium in Regional and Site Groundwater

The concentration of barium in groundwater at GWC-4 during the July-August 2024 monitoring event (0.097 mg/L or 97 µg/L) is above the intrawell prediction limit (0.05318 mg/L or 53.18 µg/L), but substantially below the MCL of 2 mg/L (Figure 4). Barium is a naturally occurring alkaline earth metal commonly found in soils at a range of 10 to 5,000 mg/kg in soils across the United States, with an average concentration of 290 mg/kg in the Eastern United States (Smith and Huyck, 1999). Barium is typically found in groundwater as the divalent cation Ba^{2+} across a wide range of redox and pH conditions. As such, barium is prevalent in Piedmont groundwater at concentrations typically higher than other metals (USGS, 2013). Where barium concentrations are high in groundwater, it has been observed that sulfate concentrations in groundwater are relatively low, indicating barite [$BaSO_4$], a common mineral, is a likely control on the barium concentration in natural groundwater (Hem, 1985). With a range of less than 50 parts per billion over the upper PL, such variations in barium and other metal concentrations in groundwater are expected due to natural variations in groundwater quality resulting from variations in groundwater flow.

Barium concentrations at well GWC-4 are comparable to the reported range of barium concentrations (0.02 to 0.12 mg/L) in the crystalline rock aquifers of the Piedmont (USGS, 2009 and USGS, 2013). Barium in site groundwater is most likely derived by barite, which is a naturally occurring mineral. Barite is common in the Piedmont region and has been historically mined in some areas of the Piedmont (Cook, 1978). Because barite is easily dissolved under most geochemical conditions (USGS, 2013), the occurrence of barium at varying concentrations can occur at the Site due to variability of groundwater levels and the subsequent saturation of barium due to increased amounts of barium dissolved into groundwater. A notable decline in groundwater levels, in several site monitoring wells has been observed since 2020 (Figure 3). This decline in groundwater level at the Site coincided with the repair of above-ground pipes and installation of a new liner in the North Sedimentation Pond (Figure 2). Time series concentration trend of barium closely resembles the trends for calcium, sulfate, and TDS, indicating a common mechanism of the release of these constituents to groundwater. This is further described in section 4.1.4.

4.1.2 Natural Variability of Calcium, Sulfate, Chloride, and TDS

The calcium concentration at GWC-4 in July-August 2024 was 29 mg/L, compared to the intrawell PL of 17.6 mg/L (Figure 4). Similar to barium, the calcium concentration in well GWC-4 most likely reflects a decrease in groundwater elevation in GWC-4 due to the repairs and installation of a new liner in the nearby North

Sedimentation Pond. Decreased groundwater levels resulted in increased mineral solubility of calcium and barium. This is reflected in the saturation indices shown by a geochemical model that describes the site conditions based on recently collected ion data. The saturation indices (SI) for barite and gypsum have decreased at GWC-4 since the previous event (spring 2024) from 0.5682 to 0.4228 and from -1.9297 to -2.0125, respectively.

The sulfate concentration at GWC-4 in July-August 2024 was 73 mg/L, compared to the intrawell PL of 6.288 mg/L (Figure 5). The chloride concentration at GWC-4 in July-August 2024 was 19 mg/L, compared to the intrawell PL of 16.42 mg/L (Figure 6). The chloride concentration is relatively low for natural groundwater. The TDS concentration at GWC-4 in July-August 2024 was 250 mg/L, compared to the intrawell PL of 178.1 mg/L (Figure 5). Since TDS is essentially a sum of dissolved major and trace elements in groundwater, TDS is simply a reflection of slightly elevated calcium, sulfate, and chloride concentrations due to natural variations in groundwater quality, and mineral saturation and solubility. Any release of gypsum leachate from the lined CCR landfill units would show notably higher concentrations of TDS and other constituents from CCR. This is not evident in the concentration trends for barium, calcium, chloride, and TDS in well GWC-4.

4.1.3 Lack of Boron in Well GWC-4

Boron is a constituent in CCR materials that is commonly used as an indicator parameter in groundwater monitoring at CCR units because of its behavior as a conservative (non-reactive) element in groundwater quality (Ruhl, 2014). Boron has not been detected historically at GWC-4 (i.e., <0.022 mg/L, Figure 6), with the exception of a single J-flagged (i.e., estimated) detection in November 2024. These results provide an additional line of evidence indicating that the detected SSIs are not the result of a release from the lined CCR landfill units.

4.1.4 Mineral Saturation in Well GWC-4

Mineral saturation indices (SIs)[1] for well GWC-4 are shown in Table 2. The SIs indicate that calcite ($CaCO_3$) and gypsum ($CaSO_4$) are undersaturated and barite ($BaSO_4$) is near equilibrium for the chemical composition of groundwater in well GWC-4. This means additional calcium and sulfate dissolution from the aquifer system remains favorable until chemical equilibrium (calcium, barium, and/or sulfate saturation) is achieved. The apparent increase in TDS concentrations above the PLs is attributable to mineral dissolution and re-equilibration, and such variations in metal concentrations are expected due to natural variations in groundwater quality in the overburden-fractured rock aquifer at the Site. Physical changes at the Site from engineering and construction activities can also cause these changes when soils rich in calcium and sulfide minerals are exposed to the surface with additional recharge. Additionally, excavation of vegetation and organic soils found in the sediment pond footprint (previously used for stormwater control), the addition of structural fill, and construction of a two-foot layer of compacted clay liner provide a site-specific, non-CCR source of soluble minerals. Overall, the groundwater quality in well GWC-4 reflects metal concentrations that are comparable to reported background concentrations in the nearby Piedmont areas (USGS, 2013).

Groundwater elevations in well GWC-4 have declined since 2020 (Figure 3). The changes in groundwater levels affect the pH and redox condition in the uppermost aquifer and subsequently affect the kinetics of mineral

[1] Mineral Saturation Index (SI) is a measure of whether a water will tend to dissolve or precipitate a particular mineral. An SI is negative when the mineral may be dissolved (i.e., it is present below its saturation concentration), positive when it may be precipitated (i.e., is above its saturation concentration), and zero when the water and mineral are at chemical equilibrium. The SI is calculated by comparing the chemical activities of the dissolved ions of the mineral (ion activity product, IAP) with their solubility product (K_{sp}). In equation form, $SI = \log(IAP/K_{sp})$.

dissolution or precipitation. Groundwater elevations at several of the Site wells (including GWC-4) have declined nearly five feet since 2019, likely due to the 2020 construction of the lined sedimentation pond.

Based on these facts, the elevated concentrations of barium, calcium, chloride, sulfate, and TDS at GWC-4 are not the result of a release from Cell 1 but rather due to natural variability in groundwater chemistry due to the change in recharge conditions and cation exchange reactions.

4.2 Calcium at GWC-7, GWC-9, GWC-19, and GWC-20

An ASD for calcium at GWC-7, GWC-19 and GWC-20 was last submitted on November 22, 2024. Calcium concentrations in July-August 2024 at monitoring wells GWC-7, GWC-9, GWC-19 and GWC-20 were 17 mg/L, 22 mg/L, 20 mg/L, and 17 mg/L, respectively. GWC-9 was resampled for calcium in November 2024, confirming the original results. These concentrations are within close range to their corresponding intrawell prediction limits (16 mg/L, 21 mg/L, 15.99 mg/L, and 15.76 mg/L, respectively). As indicated, the concentrations are only slightly elevated in comparison to their PLs. This slight variance from the PLs is indicative of site-wide changes in chemistry likely due to changes in water level or site construction.

General chemistry of wells showing SSIs for calcium are compared to upgradient groundwater monitoring wells on a piper trilinear diagram presented as Figure 7. Review of the piper diagram shows that the constituent concentrations in wells GWC-7, GWC-9, GWC-19 and GWC-20 are similar to upgradient groundwater quality and do not indicate influence from Cell 1 or potentially PAC Ash Cell. Overall, the groundwater quality in wells GWC-7, GWC-9, GWC-19, and GWC-20 reflects metal concentrations that are less than an order of magnitude above their respective intrawell/interwell PLs and are comparable to reported background concentrations in site background wells and in the nearby Piedmont areas (USGS, 2013).

SIs for wells GWC-7, GWC-9, GWC-19, and GWC-20 are shown in Table 2. The SI data indicate that calcite ($CaCO_3$) is undersaturated based on the chemical composition of groundwater in wells GWC-7, GWC-9, GWC-19, and GWC-20. This condition means additional calcium dissolution from the aquifer system remains favourable until chemical equilibrium (calcium saturation) is achieved. The apparent increase in calcium concentrations above the PLs is attributed to mineral dissolution and re-equilibration, and such variations in metal concentrations are expected due to natural variations in groundwater quality in the overburden-fractured rock aquifer at the Site. Physical changes at the Site from engineering and construction activities can also cause these changes when soils rich in calcium and sulfide minerals are exposed to the surface with additional recharge. Additionally, excavation of vegetation and organic soils found in the sediment pond footprint (previously used for stormwater control), the addition of structural fill, and construction of a two-foot layer of compacted clay liner near GWC-19 and GWC-20, coupled with liner repairs and site maintenance at the lined pond near GWC-9 can provide a site-specific, non-CCR source of soluble minerals.

Groundwater elevations in wells GWC-19 and GWC-20 have slightly declined since March 2019 (Figure 3), since the over-excavation and lining of the North Sedimentation Pond. Construction, including the addition of 2,600 feet of underdrain, occurred at the Site. Construction of the drain, which occurred in December 2019, (Brantley, 2020), corresponds to the observed increase is calcium GWC-19 and GWC-20. The decreases in groundwater levels can affect the pH and redox condition in the uppermost aquifer and, subsequently, affect the kinetics of mineral dissolution or precipitation. Groundwater elevations have declined nearly five feet in several of the Site wells (including GWC-19, and GWC-20) since 2019 (Figure 3).

4.3 Sulfate at GWC-3, GWC-9 and GWC-10

SSIs of sulfate have been identified at GWC-3, GWC-9 and GWC-10 following the July-August 2024 sampling event. The November 2024 resampling event confirmed concentrations of sulfate at GWC-3 and GWC-9. Prior ASDs for sulfate were submitted on November 29, 2023, for GWC-3 and on November 22, 2024, for GWC-10.

Calculated mineral SIs for wells GWC-3, GWC-9 and GWC-10 are shown in Table 2. The SI data indicate that gypsum (calcium sulfate) and barite (barium sulfate) are undersaturated, based on the chemical composition of groundwater in wells GWC-3, GWC-9 and GWC-10. This means that calcium, barium, and sulfate are favored for dissolution in the aquifer system until mineral equilibrium (SI = zero) for these constituents is achieved. If there was a release from Cell 1, the expectation would be that groundwater quality would be significantly affected by the major indicator parameters (boron and chloride particularly) and that the groundwater would be saturated with sulfate and barium (i.e., the saturation indices for these constituents would be notably greater than zero).

General chemistry at GWC-3, GWC-9 and GWC-10 compared to upgradient groundwater monitoring wells is presented on a piper trilinear diagram (Figure 7). Review of the piper diagram shows that GWC-3, GWC-9 and GWC-10 concentrations are similar to upgradient groundwater quality and do not suggest influence from another source (i.e., Cell 1).

Concentrations of boron, a primary indicator parameter, have remained low (0.13 mg/L or less) in groundwater from wells GWC-3, GWC-9 and GWC-10 and no trends are noted. Chloride concentrations in these wells have also remained low (5.2 mg/L or less) (Figure 10). If the SSIs of sulfate reported in wells GWC-3, GWC-9 and GWC-10 were due to a release from the landfill, an increase in multiple indicator parameters would be expected, notably boron and chloride, which has not been observed. As a result, the increases in sulfate concentration at GWC-3, GWC-9 and GWC-10 are attributed to natural variations in groundwater chemistry.

4.4 Chromium at GWC-7

The chromium SSI identified at GWC-7 following the July-August 2024 sampling event was confirmed during the November 2024 resampling event. The concentration of chromium following the second semi-annual sampling event and the November 2024 resampling event in groundwater at GWC-7 (0.02 mg/L) is slightly above the intrawell prediction limit (0.018 mg/L), and below the MCL of 0.1 mg/L (Figure 9). Naturally occurring chromium is prevalent in groundwater from aquifer systems composed of ultramafic rocks, known to have elevated chromium concentrations relative to other rock types. Site-specific geologic investigations and mapping have confirmed the presence of these types of ultramafic rocks in the subsurface underlying Plant Scherer (Golder, 2020).

Review of the piper diagram (Figure 7), shows that the general chemistry at GWC-7, is similar to upgradient groundwater quality and does not suggest influence from another source (i.e., Cell 1). Concentrations of boron at GWC-7 have remained below reporting limits (less than 0.08 mg/L) and no trends are noted. Chloride concentrations in GWC-7 also remain low (below 4.9 mg/L) (Figure 10). Per these indications, the SSI of chromium at GWC-7 can attributed to natural variations in groundwater chemistry.

5.0 CONCLUSIONS

This ASD has been prepared in response to apparent statistical exceedances presented in the *2024 Annual Groundwater Monitoring and Corrective Action Report, Georgia Power Plant Scherer Cell 1 and PAC Ash Cell*, *Permit No. 102-009D(CCR)*, dated January 31, 2025. In accordance with 40 CFR § 257.94(e) and §391-3-4-.10 of

the Georgia Solid Waste Management Rules, this ASD addresses each of the SSIs noted following the July-August 2024 sampling and the November 2024 resampling events.

Based on the data presented herein, SSIs from the July-August and November 2024 monitoring/resampling events are not the result of a release of constituents from the lined landfill units, but rather natural variability in groundwater quality. The lines of evidence include:

- The landfill cells have a geosynthetic clay and geomembrane composite liner, and a leachate collection and removal system. There is no evidence of a release through the liner systems.
- Construction and repair of the lining of the North Sedimentation Pond has affected localized aquifer recharge and groundwater elevations in nearby wells.
- The reported concentrations of barium are within the range of concentrations expected in the overburden – fractured bedrock aquifers in samples from the Piedmont in the southeastern United States (USGS, 2009; USGS, 2013).
- Site-specific geologic investigations and mapping have confirmed the presence of ultramafic rocks in the subsurface underlying Plant Scherer that are known to have elevated chromium concentrations relative to other rock types (Golder, 2020).
- The chemical composition of groundwater in wells GWC-3, GWC-7, GWC-9, GWC-10, GWC-19, and GWC-20, is similar to upgradient groundwater (Figure 7).
- Boron, a primary indicator parameter for CCR, does not exhibit an SSI at wells GWC-3, GWC-4, GWC-7, GWC-9, GWC-10, GWC-19, and GWC-20
- Mineral saturation indices suggest that barium, chloride, sulfate, and hence, overall TDS concentrations in groundwater in GWC-3, GWC-4, GWC-7, GWC-9, GWC-10, GWC-19, and GWC-20 are affected by the natural mineral dissolution in the aquifer materials rather than a release from Cell 1.

The SSIs addressed above are below their MCLs and occur at low concentrations commonly noted in groundwater unaffected by CCR units. Based on the findings presented herein, Georgia Power will continue with detection groundwater monitoring at Cell 1 and PAC Ash Cell. A copy of this ASD will be included with the forthcoming Semi-Annual report.

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Tables

TABLE 1
SUMMARY OF STATISTICALLY SIGNIFICANT INCREASES
2024 SECOND SEMI-ANNUAL EVENT
Georgia Power Company - Plant Scherer
Monroe County, Georgia

Constituent	Units	Well ID	Intrawell Prediction Limit	Interwell Prediction Limit	Concentration (mg/L)		ASD Previously Submitted
					July-August 2024	November 2024	
CELL 1							
Barium	mg/L	GWC-4	0.05318	0.051	0.097	NA	Yes[1]
Calcium	mg/L	GWC-4	17.6	15	29	NA	Yes[1]
Calcium	mg/L	GWC-7	16	15	17	NA	Yes[1]
Calcium	mg/L	GWC-9	21	15	22	23	No
Calcium	mg/L	GWC-19	15.99	15	20	NA	Yes[1]
Calcium	mg/L	GWC-20	15.76	15	17	NA	Yes[1]
Chloride	mg/L	GWC-4	16.42	7.2	19	NA	Yes[1]
Chromium	mg/L	GWC-7	0.018	0.012	0.02	0.02	No
Sulfate	mg/L	GWC-3	1.1	3.5	15	18	Yes[2]
Sulfate	mg/L	GWC-4	6.288	3.5	73	NA	Yes[1]
Sulfate	mg/L	GWC-9	18.9	3.5	22	30	No
Sulfate	mg/L	GWC-10	1.311	3.5	4.4	NA	Yes[1]
Total Dissolved Solids	mg/L	GWC-4	178.1	137.1	250	NA	Yes[1]

Notes:

[1] Alternate Source Demonstration Georgia Power Company – Plant Scherer Cell 1 and PAC Ash Cell Permit No. 102.009D(LI) 2024 First Semi-Annual Monitoring Event, November 22, 2024 (WSP, 2024).

[2] Alternate Source Demonstration Georgia Power Company – Plant Scherer Cell 1 and PAC Ash Cell Permit No. 102.009D(LI) 2023 First Semi-Annual Monitoring Event, November 29, 2023 (WSP, 2023).

mg/L - milligrams per liter

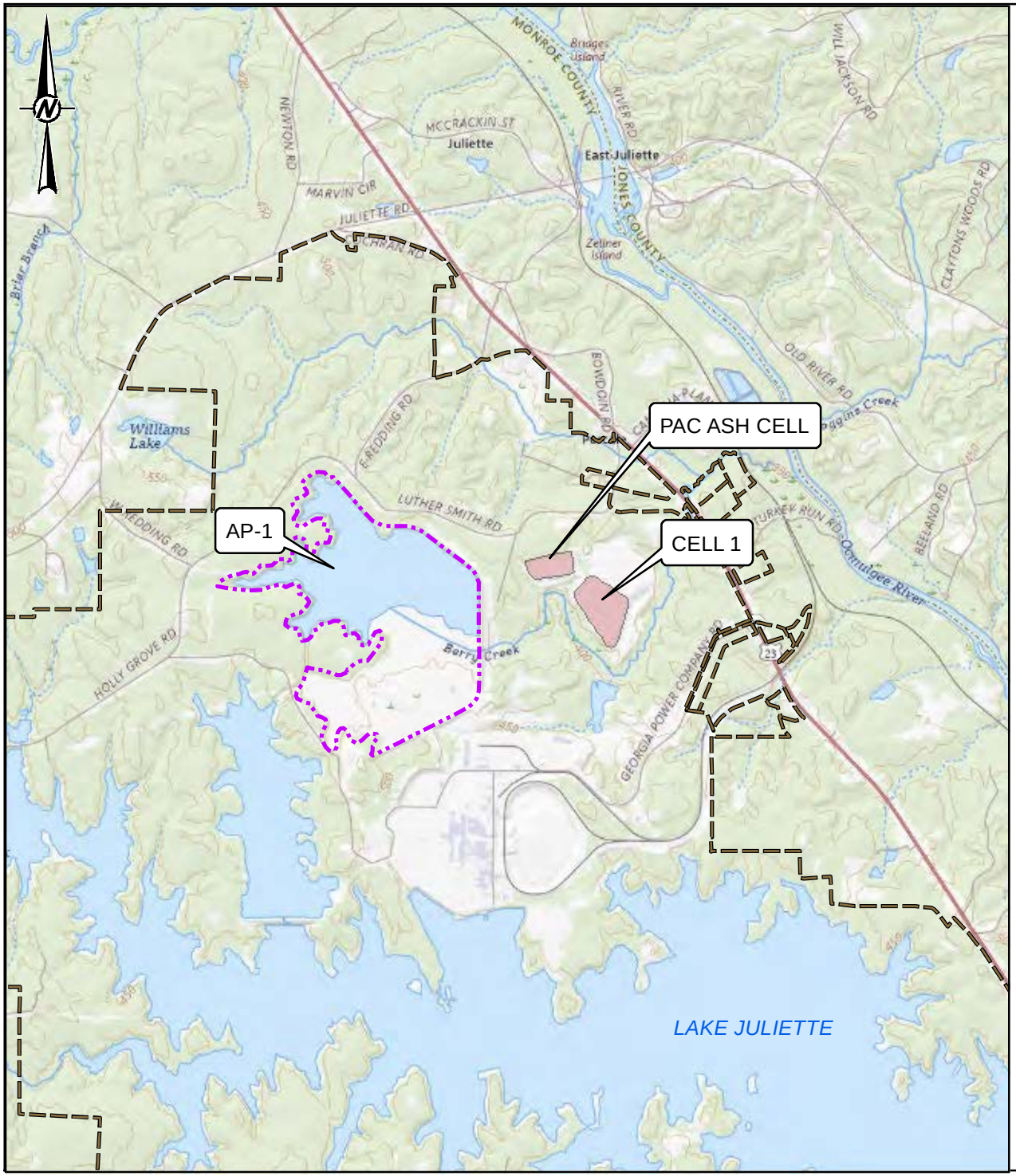
NA - Not Analyzed

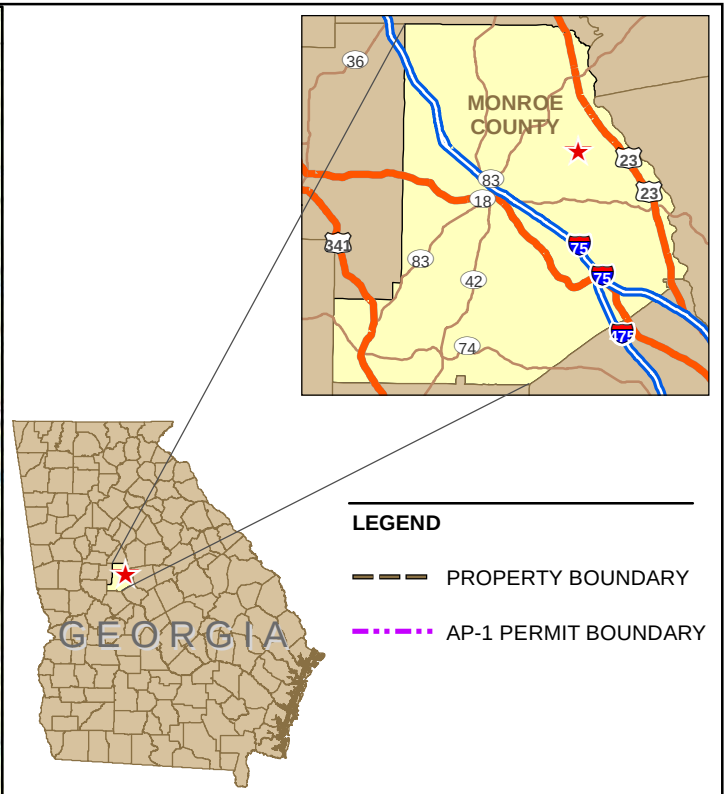
TABLE 2
SATURATION INDICES - 2024 SECOND SEMI-ANNUAL EVENT
Georgia Power Company - Plant Scherer
Monroe County, Georgia

Well ID	August 2024		
	Calcite	Barite	Gypsum
GWA-15	-3.859	-2.0683	-4.3629
GWA-16	-1.943	-2.1962	-4.4142
GWA-17	-2.4004	-2.1396	-4.5991
GWC-1	-1.5079	-2.014	-4.3724
GWC-2	-1.3674	-2.0173	-4.3207
GWC-3	-2.7233	-0.9146	-3.0164
GWC-4	-2.0276	0.4228	-2.0125
GWC-5	-2.1059	0.0215	-1.9945
GWC-6	-2.0485	-0.5651	-2.9086
GWC-7	-1.9548	-1.5833	-3.8411
GWC-8A	-1.2945	-0.6468	-2.4573
GWC-9	-1.6466	-0.5231	-2.5767
GWC-10	-1.8575	-1.1643	-3.3166
GWC-11	-2.2833	-2.4289	-4.4669
GWC-12	-4.9791	-2.2807	-5.4064
GWC-13	-2.7933	-2.0808	-4.6751
GWC-14	-3.2753	-2.519	-4.6181
GWC-18	-2.0989	-2.1787	-4.5382
GWC-19	-1.7514	-2.2418	-4.3401
GWC-20	-1.7356	-2.1609	-4.3832

Note:
Mineral Saturation Index (SI) is a measure of whether a water will tend to dissolve or precipitate a particular mineral. An SI is negative when the mineral may be dissolved (i.e., it is present below its saturation concentration), positive when it may be precipitated (i.e., is above its saturation concentration), and zero when the water and mineral are at chemical equilibrium. The SI is calculated by comparing the chemical activities of the dissolved ions of the mineral (ion activity product, IAP) with their solubility product (K_{sp}). In equation form, $SI = \log(IAP/K_{sp})$

Figures





LEGEND

- PROPERTY BOUNDARY
- AP-1 PERMIT BOUNDARY

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

0 4000 8000 Feet

CLIENT
GEORGIA POWER COMPANY
PLANT SCHERER
MONROE COUNTY, GEORGIA

PROJECT
ALTERNATE SOURCE DEMONSTRATION
CELL 1 AND PAC ASH CELL PERMIT NO. 102-009D(CCR)
2024 SECOND SEMI-ANNUAL EVENT

TITLE
SITE LOCATION MAP

CONSULTANT
wsp

YYYY-MM-DD	2024-10-24
PREPARED	RHG
DESIGN	DLP
REVIEW	DLP
APPROVED	RNQ

PROJECT No.
31406440.022

FIGURE
1

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



LEGEND

TYPE

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

NOTE(S)

1. GROUNDWATER ELEVATIONS MEASUREMENTS OBTAINED JULY 30, 2024 BY WSP STAFF.
2. GROUNDWATER ELEVATIONS DISPLAYED IN FEET-NORTH AMERICAN VERTICAL DATUM (FT-NAVD 88).
3. **DEEP AND INTERMEDIATE WELL GROUNDWATER ELEVATIONS WERE NOT USED TO GENERATE POTENTIOMETRIC SURFACE CONTOURS.**

REFERENCE(S)

1. COORDINATE SYSTEM: NAD 1983 STATE PLANE GEORGIA WEST FIPS 1002 FEET.
2. MONITORING WELL/PIEZOMETER LOCATIONS PROVIDED BY JORDAN ENGINEERING.
3. SITE IMAGERY: IMAGERY PROVIDED BY CLIENT 07/2024.
4. BACKGROUND IMAGERY: GOOGLE IMAGERY SERVICE. COPYRIGHT GOOGLE 2023. IMAGERY CAPTURED 12/17/2022.



0 125 250 500 Feet

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Georgia Power

PROJECT
ALTERNATE SOURCE DEMONSTRATION
CELL 1 AND PAC ASH CELL PERMIT NO. 102-009D(CCR)
2024 SECOND SEMI-ANNUAL EVENT

TITLE
POTENTIOMETRIC SURFACE MAP - CELL 1
JULY 30, 2024

CONSULTANT

wsp

YYYY-MM-DD	2025-01-06
DESIGNED	RHG
PREPARED	AR
REVIEWED	RNQ
APPROVED	RNQ

PROJECT NO.
31406440.022

FIGURE
2

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

Figure 3a

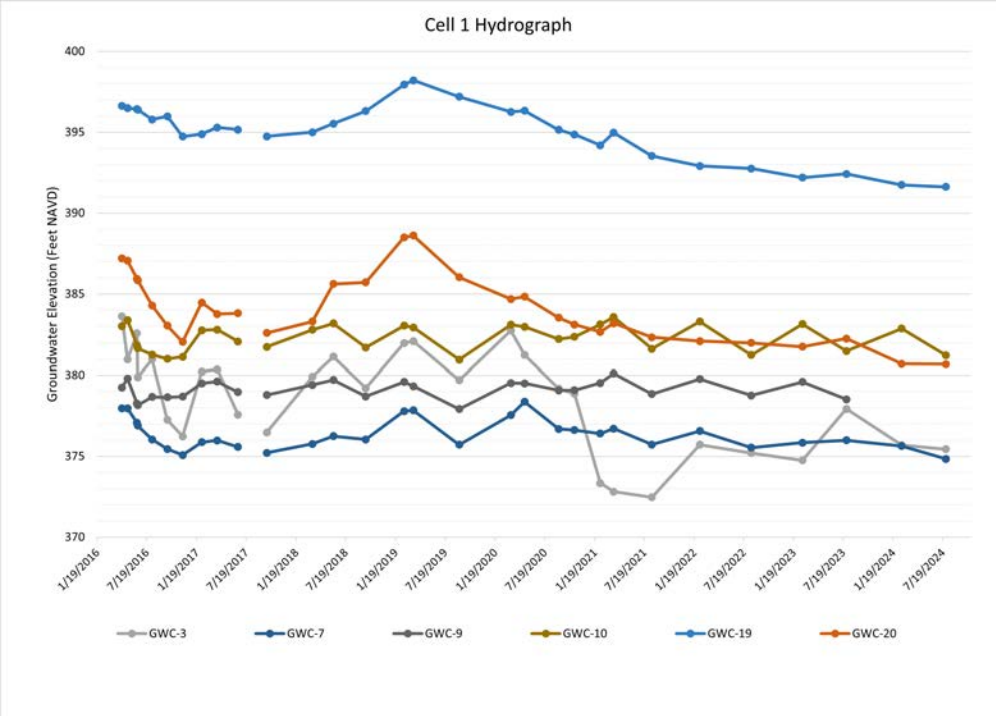
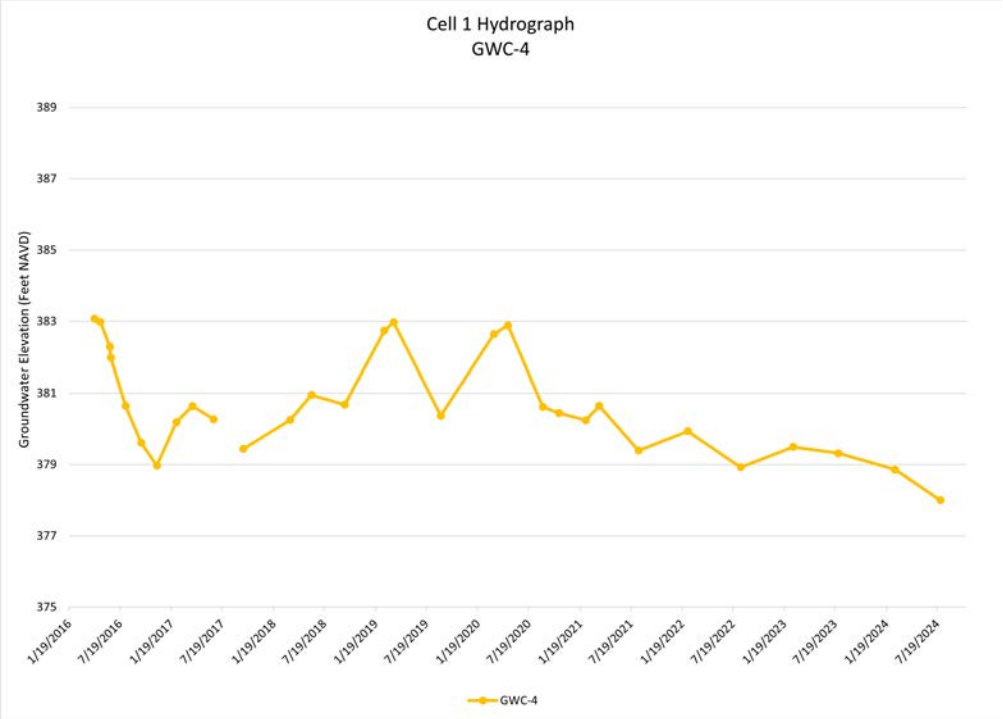


Figure 3b



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PROJECT
ALTERNATE SOURCE DEMONSTRATION
CELL 1 AND PAC ASH CELL PERMIT NO. 102-009D(CCR)
2024 SECOND SEMI-ANNUAL EVENT

TITLE

CELL 1 HYDROGRAPH- GWC-4

PROJECT NO.	PHASE	REV.	FIGURE
31406440.022	06	A	3

Figure 4a

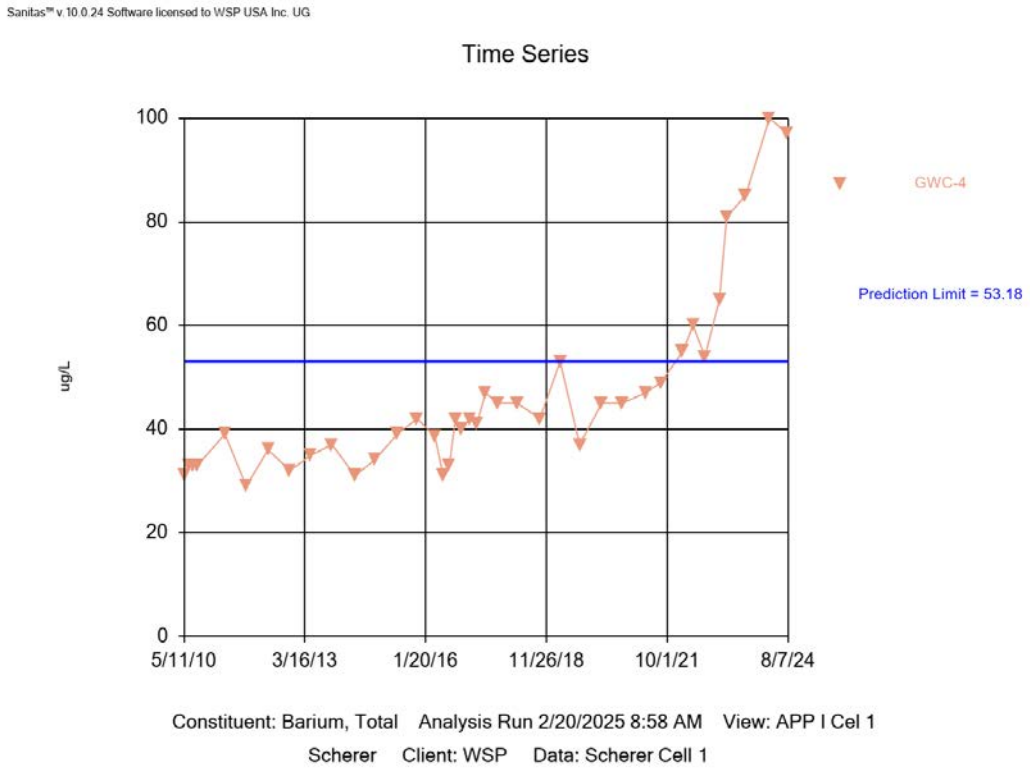
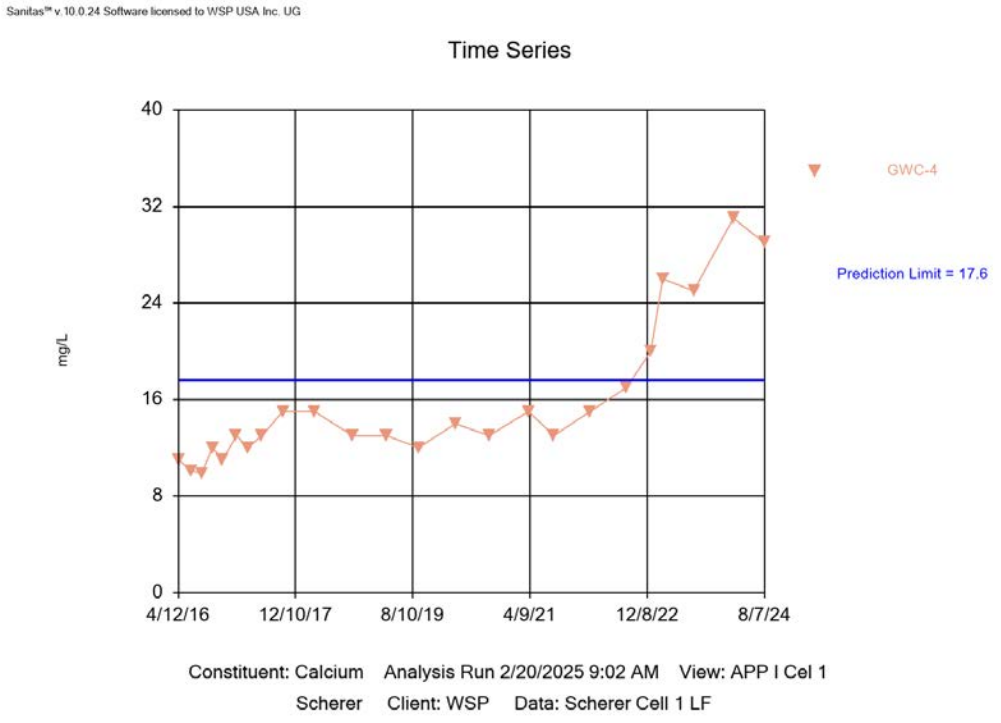


Figure 4b



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CELL 1 AND PAC ASH CELL PERMIT NO. 102-009D(CCR)
2024 SECOND SEMI-ANNUAL EVENT

TITLE

BARIUM AND CALCIUM IN GROUNDWATER AT GWC-4

PROJECT NO.	PHASE	REV.	FIGURE
31406440.022	06	A	4

Figure 5a

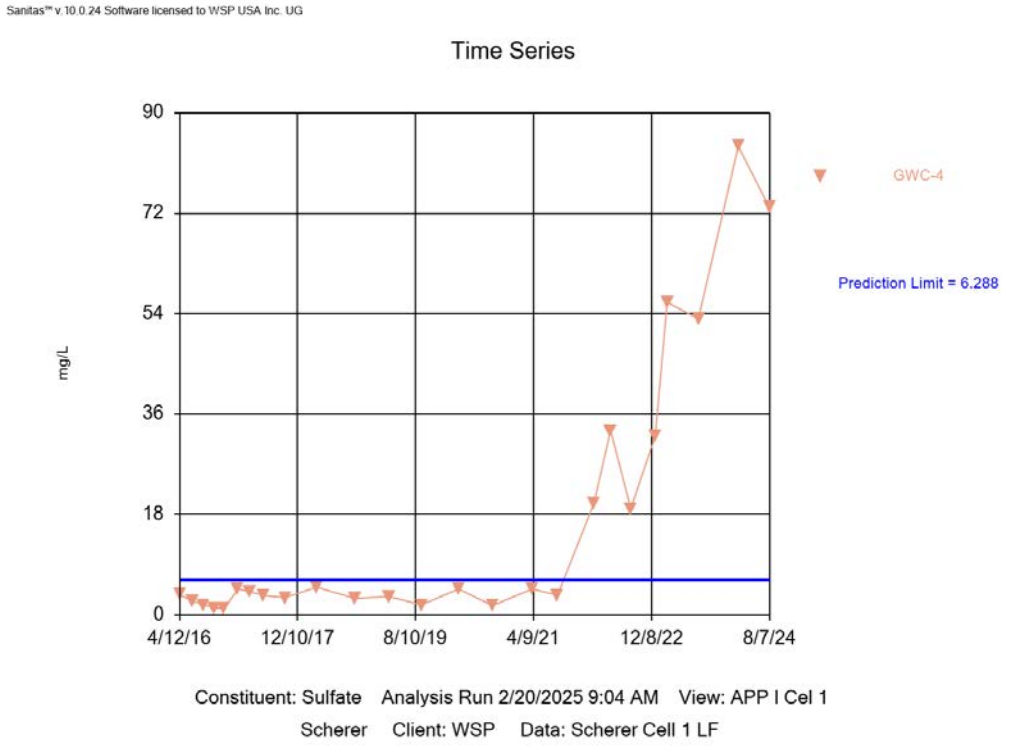
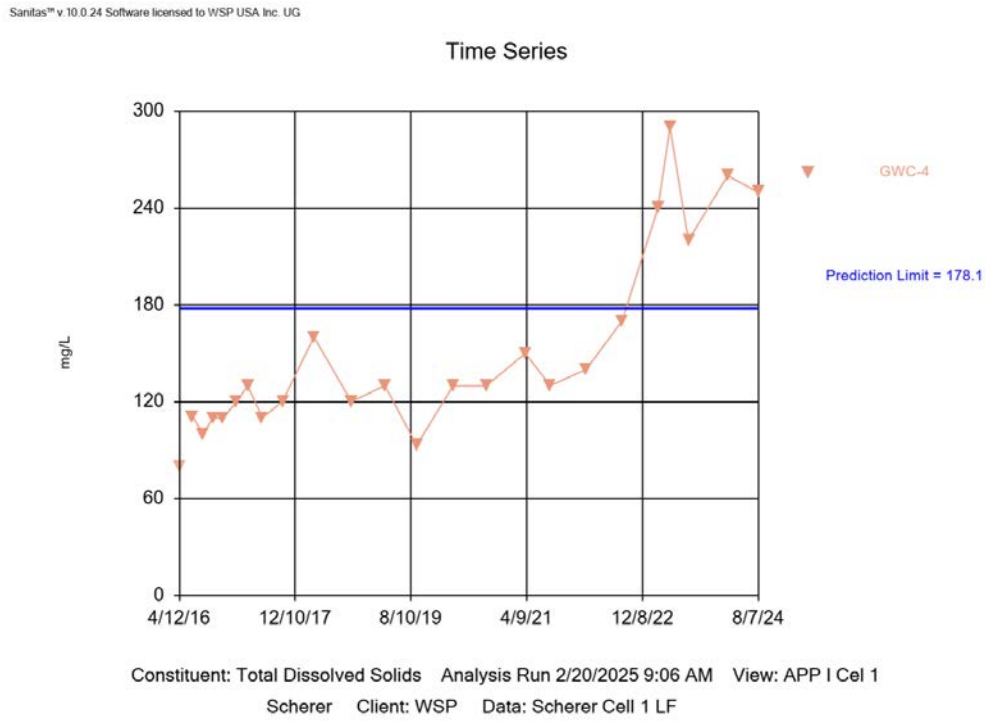


Figure 5b



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2024 SECOND SEMI-ANNUAL EVENT

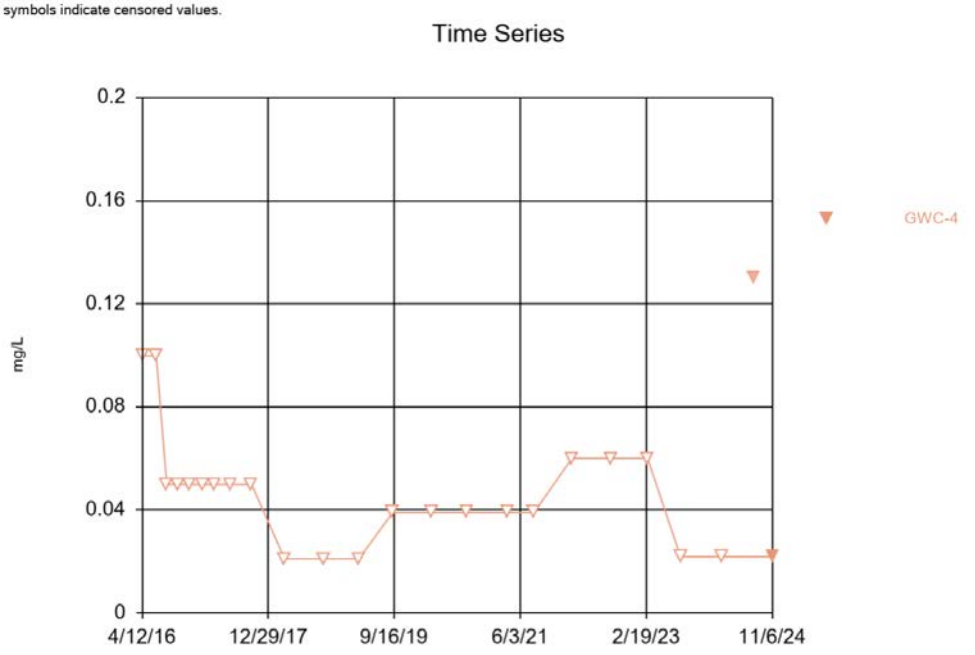
TITLE

SULFATE AND TDS IN GROUNDWATER AT GWC-4

PROJECT NO.	PHASE	REV.	FIGURE
31406440.022	06	A	5

Figure 6a

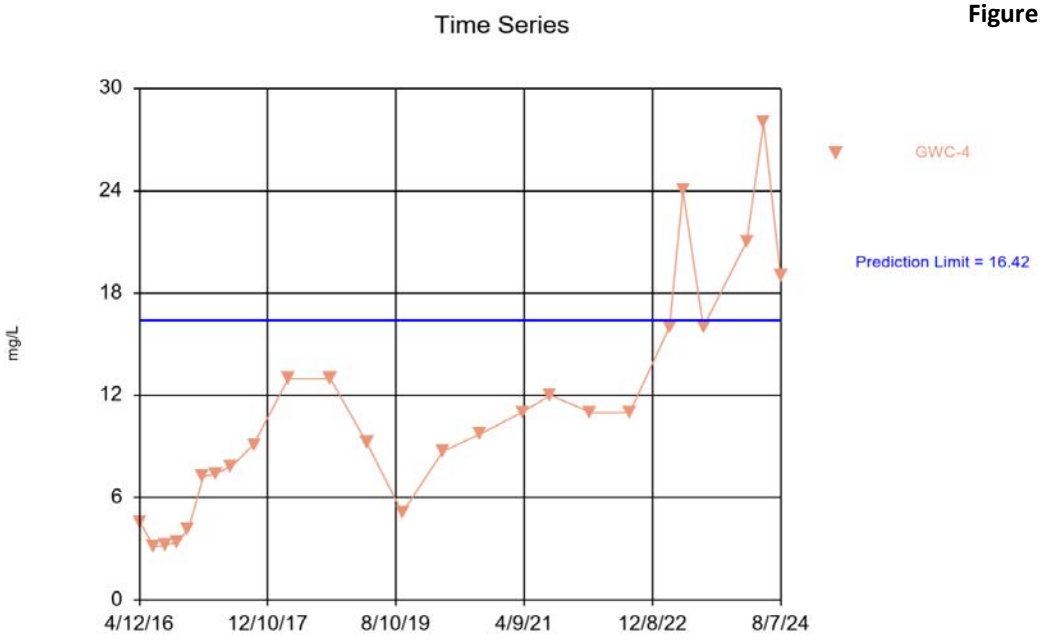
Sanitas™ v.10.0.24 Software licensed to WSP USA Inc. UG
Hollow symbols indicate censored values.



Constituent: Boron Analysis Run 2/27/2025 11:20 AM View: APP I Cel 1
Scherer Client: WSP Data: Scherer Cell 1 LF

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Figure 6b



Constituent: Chloride Analysis Run 2/20/2025 9:13 AM View: APP I Cel 1
Scherer Client: WSP Data: Scherer Cell 1 LF

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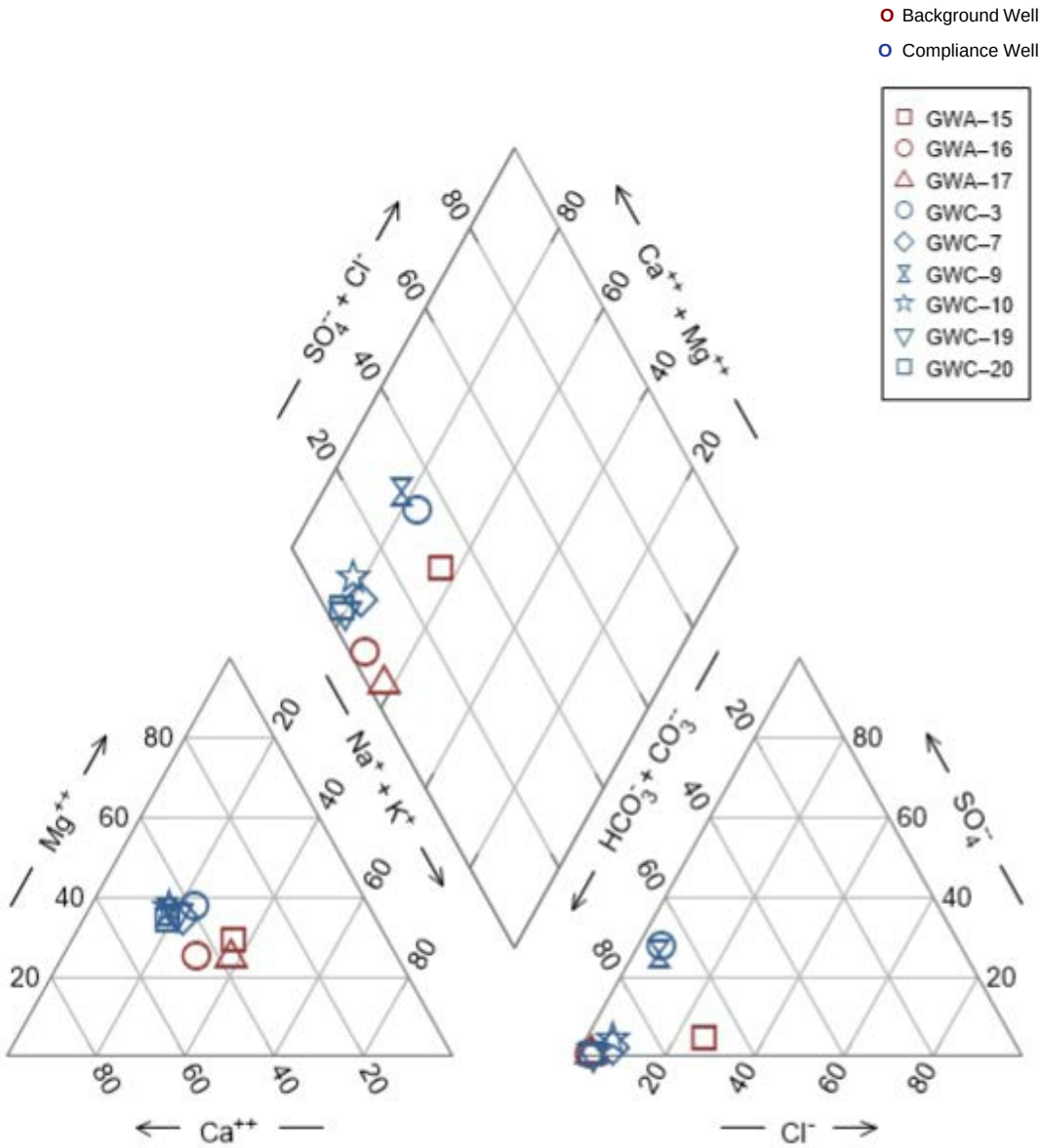
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PROJECT
ALTERNATE SOURCE DEMONSTRATION
CELL 1 AND PAC ASH CELL PERMIT NO. 102-009D(CCR)
2024 SECOND SEMI-ANNUAL EVENT

TITLE

BORON AND CHLORIDE IN GROUNDWATER AT GWC-4

PROJECT NO.	PHASE	REV.	FIGURE
31406440.022	06	A	6



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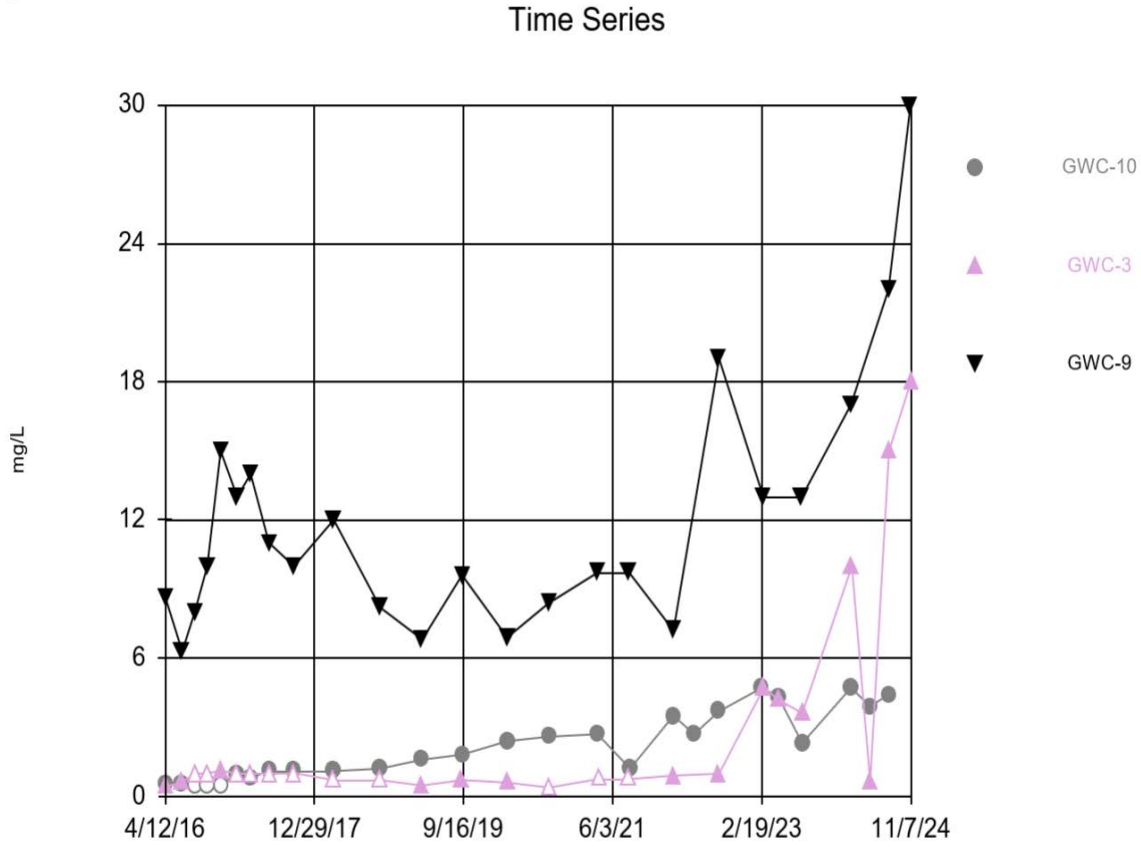
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PROJECT
ALTERNATE SOURCE DEMONSTRATION
CELL 1 AND PAC ASH CELL PERMIT NO. 102-009D(CCR)
2024 SECOND SEMI-ANNUAL EVENT

TITLE
GWC-3, GWC-7, GWC-9, GWC-10, GWC-19, GWC-20, AND UPGRADIENT GROUNDWATER CHEMISTRY PIPER TRILINEAR DIAGRAM

PROJECT NO.	PHASE	REV.	FIGURE
31406440.022	06	A	7

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Hollow symbols indicate censored values.



Constituent: Sulfate Analysis Run 2/24/2025 5:23 AM View: APP I Cel 1
Scherer Client: WSP Data: Scherer Cell 1 LF

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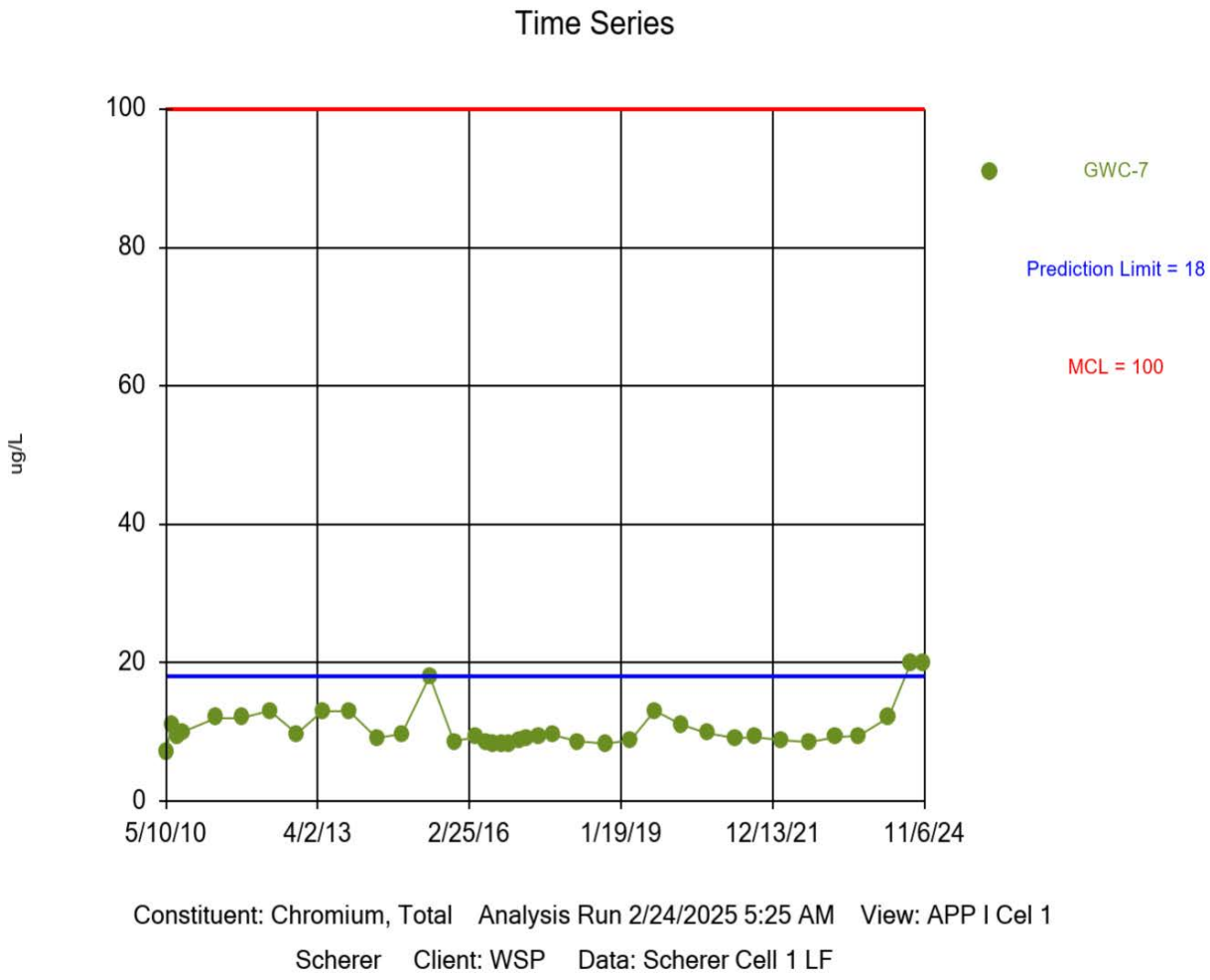
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PROJECT
ALTERNATE SOURCE DEMONSTRATION
CELL 1 AND PAC ASH CELL PERMIT NO. 102-009D(CCR)
2024 SECOND SEMI-ANNUAL EVENT

TITLE
SULFATE IN GROUNDWATER AT GWC-3, GWC-9 AND GWC-10

PROJECT NO.	PHASE	REV.	FIGURE
31406440.022	06	A	8

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CELL 1 AND PAC ASH CELL PERMIT NO. 102-009D(CCR)
2024 SECOND SEMI-ANNUAL EVENT

TITLE

CHROMIUM IN GROUNDWATER AT GWC-7

PROJECT NO.	PHASE	REV.	FIGURE
31406440.022	06	A	9

Figure 10**a**

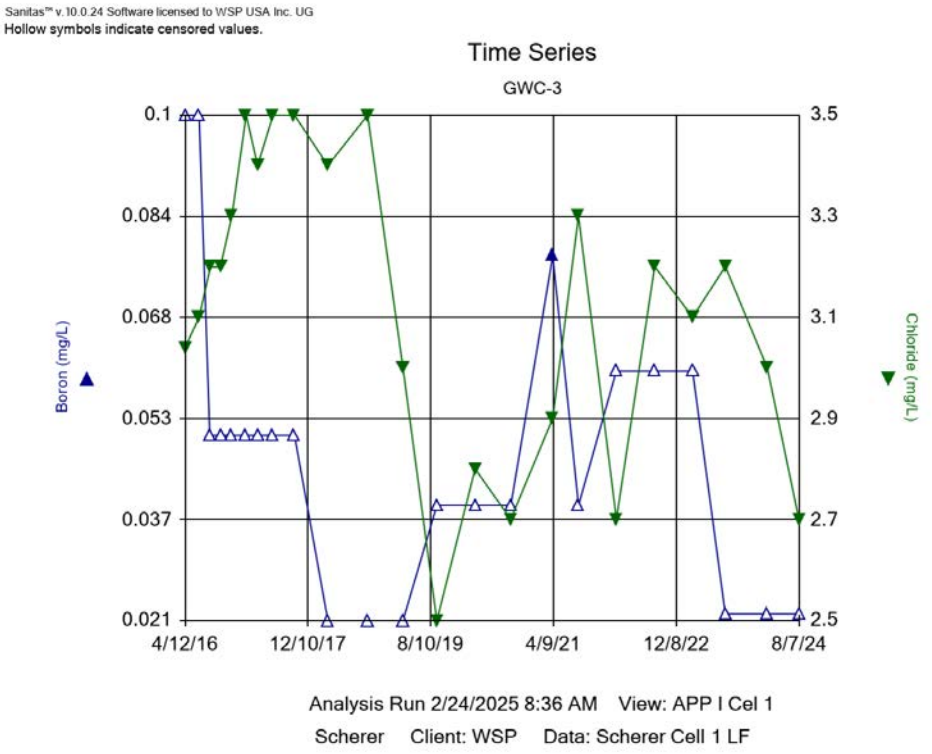
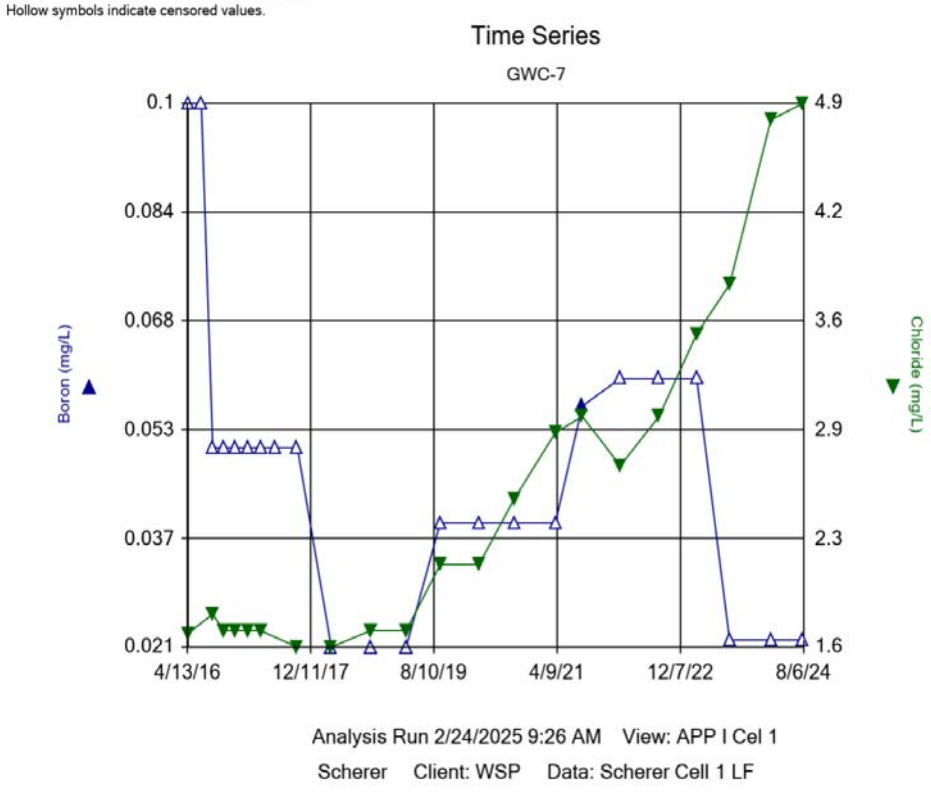


Figure 10**b**



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PROJECT
ALTERNATE SOURCE DEMONSTRATION
CELL 1 AND PAC ASH CELL PERMIT NO. 102-009D(CCR)
2024 SECOND SEMI-ANNUAL EVENT

TITLE
BORON AND CHLORIDE IN GROUNDWATER AT GWC-3, GWC-7, GWC-9 AND GWC-10

PROJECT NO.	PHASE	REV.	FIGURE
31406440.022	06	A	10



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